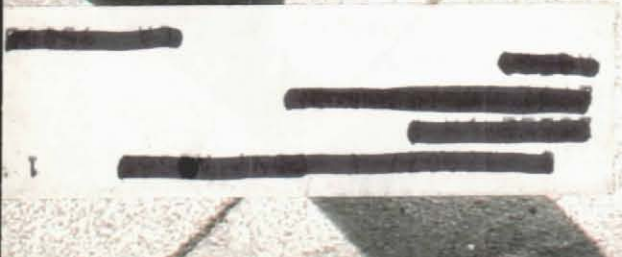
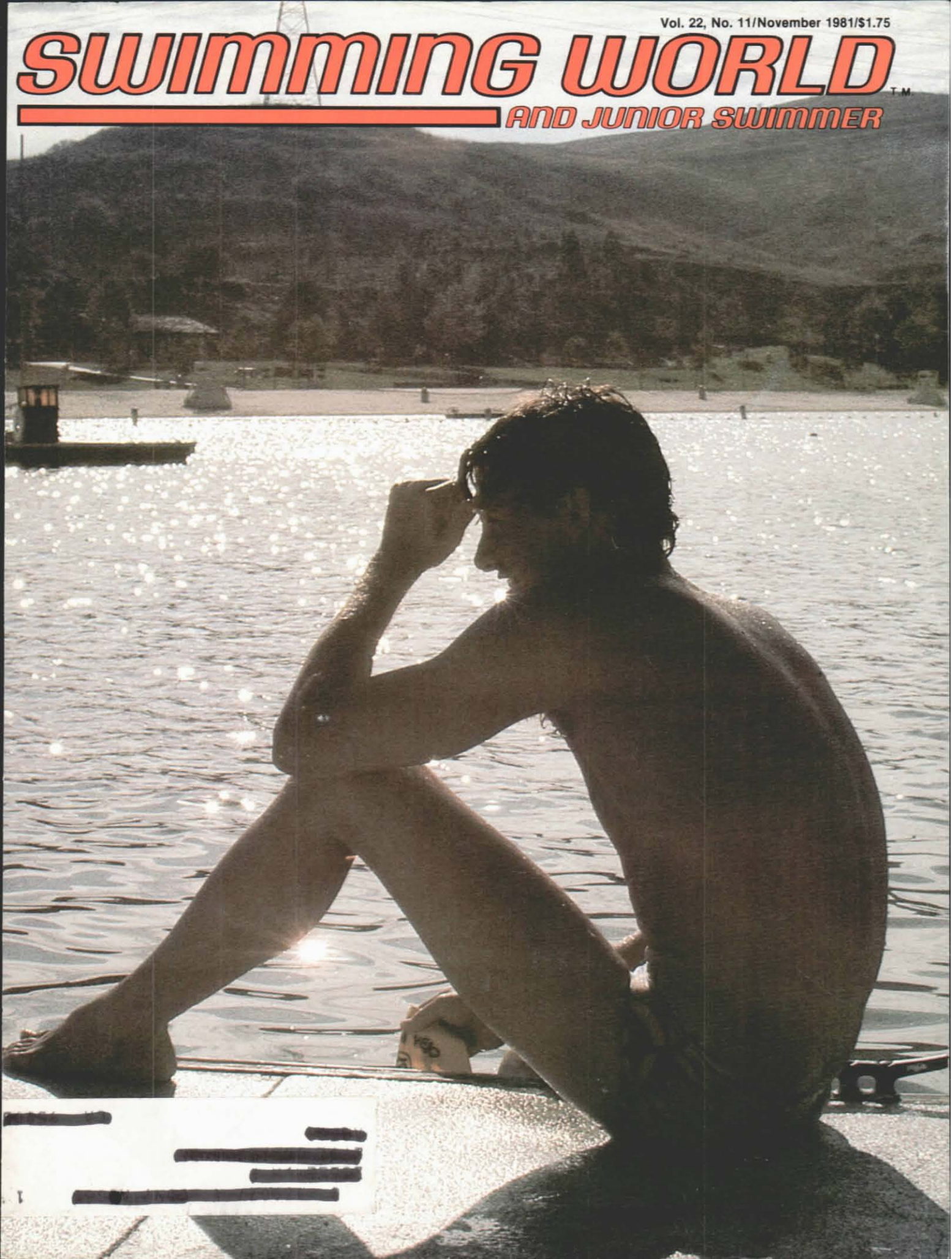
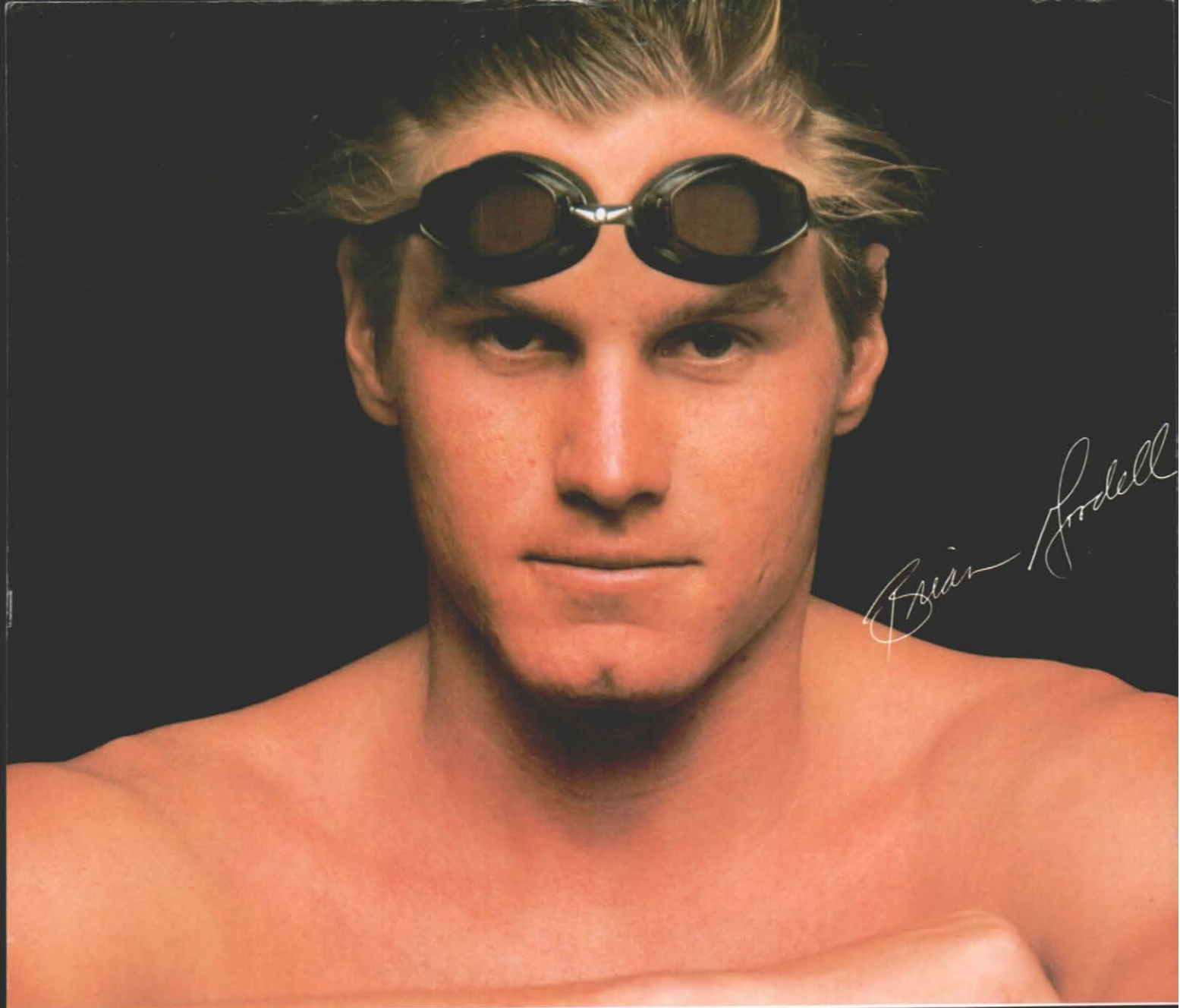


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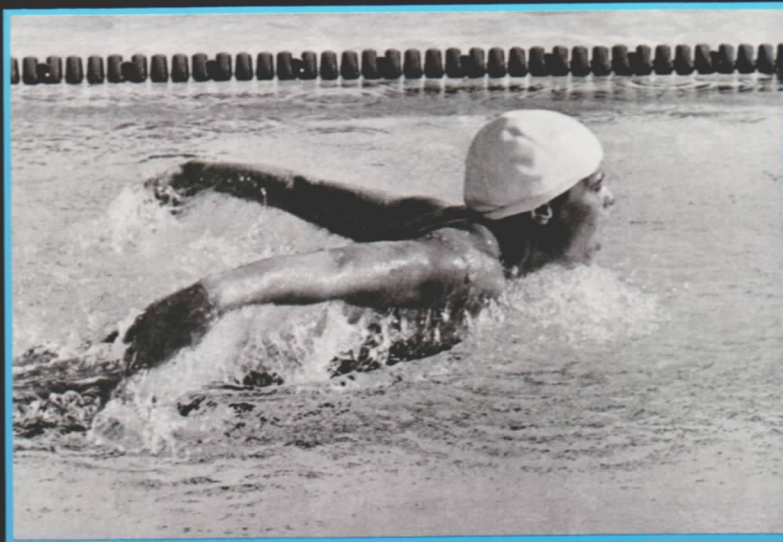
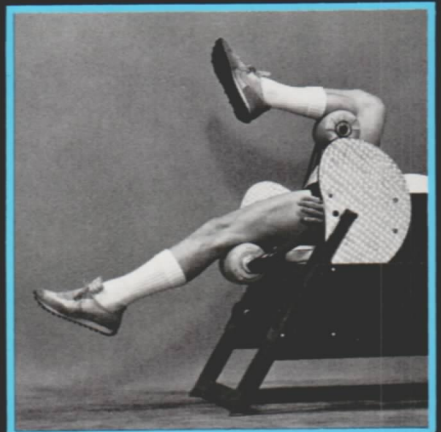
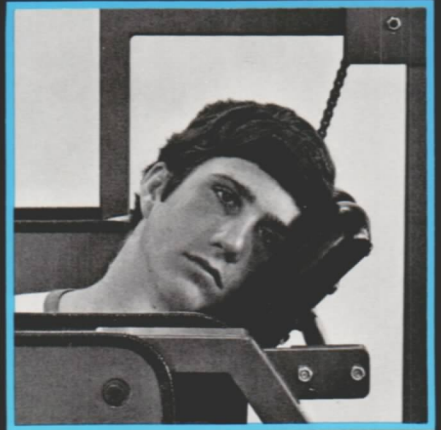
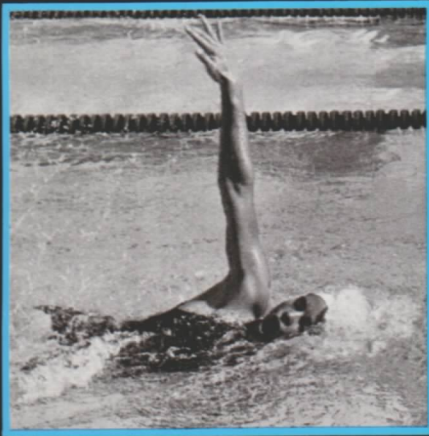
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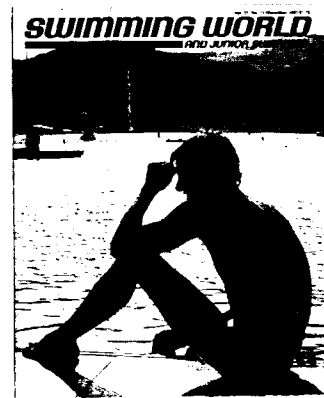
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COVER

After winning the 1980 world professional marathon swimming championship in his rookie season, Paul Asmuth, 24, swept to his second straight world title last summer. The Florida native, now training in Mission Viejo, is featured in a story beginning on page 24. (Photo by Bruce Bolinger)

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Viewpoint

● Marketing, promotion, public relations and packaging—terms which once were the exclusive property of the wood-paneled boardrooms of business have now become commonplace among almost everyone involved in swimming, diving, water polo and synchro. From administrators to coaches, officials and, yes, even to participants, the word is out: in order to continue to progress (read survive), all aquatic sports must be concerned with selling their activity to as many individuals as possible.

Rhetoric is not enough. To merely talk about this topic within the confines of the general aquatic community will not solve our dilemma. What first must be realized is that an attitude change is in order. No longer can we be content to be passive in attempting to create interest in our sport within the general public. Aggressive, well-planned, broad-based and bold new efforts must be undertaken at all levels if aquatic sports are to be successful in attracting greater numbers of participants and supporters.

In selling our products—for that is what they are—we must not limit ourselves to focusing solely on a narrow audience. For years aquatic sports, along with such pastimes as tennis and golf, have been characterized as activities dominated by those in professions composed primarily of the upper-middle class. *Swimming World* believes there is great potential for involving large numbers of young people who at present aren't even aware of the existence of competitive aquatic programs in their communities.

An excellent example of this point was illustrated during the past summer in Los Angeles. McDonald's, in conjunction with the local 1984 Olympic Organizing Committee, sponsored a grass roots swimming competition. Working through various municipal and county aquatic departments throughout Southern California, publicity was generated for the event. As a direct result, an impressive number of youngsters were exposed, for the

first time, to all of the trappings of a big-time swim meet.

Developing a broader identity for aquatic sports is no easy task. Sacrifices must be made and a tremendous amount of time and energy invested before an increase in the number of participants will be realized. But such an effort would be worth it. For in the final analysis if we are successful, all aquatic sports will benefit directly from increased participation levels as well as from the new surge of popularity which would surely come to the aquatic world by way of greater exposure and public attention.

In reviewing the activities of last month's USAS Convention, one of the more important actions was the official announcement that McDonald's will become the national sponsor of Junior Olympic and age group swimming through 1984. Certainly all of us in the swimming community must applaud this decision.

However, *Swimming World* believes that the most significant aspect of the McDonald's involvement lies at the level where its support will be felt most directly. It is indeed gratifying to see that assistance of this type is at last being targeted at Junior Olympic and age group participants. In this fashion, countless young people over the next four years will be on the receiving end of the many benefits which will accrue from having a first-rate sponsor for their programs.

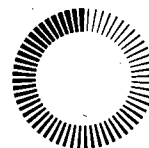
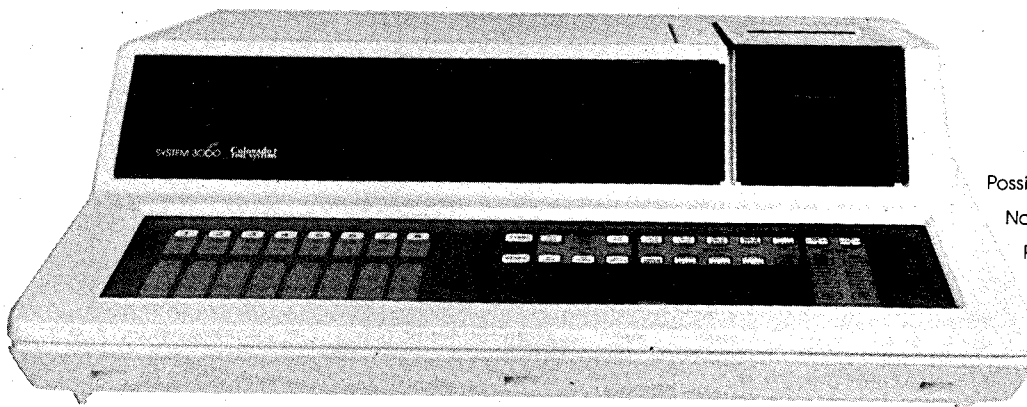
Hopefully the entrance of McDonald's into age group swimming will set a precedent for others. We believe support is urgently needed for those individuals who are just beginning to receive their initial exposure to the sport by way of summer leagues and even novice swimming programs. With the addition of a strong sponsorship program, the activities at the primary levels of the sport can be improved upon and, as a result, the growth and popularity of aquatics will be sustained in the years to come. □

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Newswave

Melissa Belote Marries Jeff Hamlin

Melissa Belote, triple Olympic gold medalist in 1972 at Munich, married Jeff Hamlin, Saturday evening, Nov. 7, in a candlelight service at Springfield United Methodist Church in Springfield, Va.

The couple met about two years ago while working for the same company, Xerox, in Washington, D.C. They announced their engagement last August.

Hamlin, 29, is from Turnersville, N.J., a city just outside of Philadelphia, Pa. He graduated from Madison College (now called James Madison University) in Harrisonburg, Va., in 1974 with a political science major.

Jeff currently works as a senior federal government sales representative for Philips Information Systems in Washington, D.C.

Belote, just-turned 25, won gold medals at the 1972 Munich Olympics in the 100 and 200 meter backstroke plus the 400 meter medley relay. During her career, she also set four world records—three in the 200 back and one in the medley relay.

In 1973, Melissa, who trained with Ed Solotar on the Solotar Swim Team, also won the World Championship title in the 200 back at Belgrade, Yugoslavia.

She also was a member of the 1976 U.S. Olympic team, placing fifth in the 200 back at Montreal.

Melissa graduated from Arizona State University in 1979 with a communications major. She competed on Coach Mona Plummer's and Ron Johnson's Sun Devil swimming team which won the AIAW championship two of her four years (1977 and 1978).

In 1977, she also captured the Broderick Award as the meet's individual high point champion. Just last month, Melissa was inducted into the ASU Athletic Hall of Fame.

One of Melissa's most cherished honors came in 1972 from the Touchdown Club of Washington,

D.C. Each year, the club presents a "local boy makes good" award called the Timmy Award. Because of her outstanding achievements at the Olympics, the organization, for the first time ever, presented the award to a girl.

Melissa is currently working as a retail market sales representative for Xerox in Virginia. She also keeps involved with swimming, coaching a developmental program in Virginia, the Cardinal Hill Winter Swim Program. She'll also be assisting the Solotar Swim Team by coordinating age group clinics.

She recently worked with Enterprise Radio as a commentator for the swimming portion of the 1981 National Sports Festival in Syracuse, N.Y., and she also enjoys the opportunity to work with the Senior Olympics program in Virginia and the Washington, D.C., area for senior citizens.

After a "surprise honeymoon" (Jeff promised Melissa he'd tell her where they'd be going on their wedding day—to a place which would require a passport), the couple will make their home in a recently-purchased townhouse in Burke, Va., in the Washington, D.C., metropolitan area by Lake Braddock.

Ak-O-Mak, Huntington Y Win Long Distance Meet

The Matt Mann camps—the Ak-O-Mak and Chikopi Long Distance Swim Club—made a strong showing at the AAU Senior National Long Distance four-mile open water race at Huntington, Ind., Aug. 2. Ak-O-Mak won the women's team honors and Chikopi finished second in the men's team race behind its perennial rival and host, Huntington Y.

The overall team trophy was awarded to Camp Ak-O-Mak on the basis of the most people placing highest. The second-place team, Granite Club, also trains for long distance swimming at Camp Ak-O-Mak.

Individual winners in the competition were Tish Lovan, 15, of Elkhart Y (87:11.79) and John Zebronski, 16, of Warren Woods (94:09.52). Second-place finishers were Donna Barrons, 16, of Granite (88:14.74) and Steve Miller, 14, of Huntington Y (95:15.08).

The National Long Distance race is one of the oldest AAU swimming events, going back at least until 1907 when the winner was Jam Handy, now the oldest living Olympian in any sport at 97. Other Olympians who have been past winners include Anne Moss Supple, John Kinsella, George Breen, Roy Saari, Donna Graham, Frank Brunell and many more.

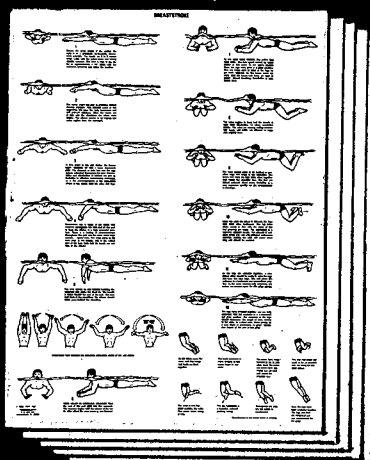
The event is swum in the open water along a float-strewn quarter-mile cable. Contestants line up in the water and sprint for the "pole" much as in a marathon or cross country road race. Team honors are awarded to the team with the lowest cumulative time for its top three swimmers.

The 1981 race was swum at Lake Clare, an abandoned Huntington stone quarry. The race has moved around the country from its start in places like the Mississippi at St. Louis (where Handy swam) and the Chicago River to Lake Placid and Green Lake, Okla., in more recent years.

It has most often been swum in Huntington, which is called the National Long Distance Swim Capital of America. Huntington turns out the crowds and the red, white and blue bunting in a state fair atmosphere. ▶

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Newswave

continued

The Huntington pageant, named for Coach Glen Hummer, a living legend, was ably run this year by Keith Barnes, who had long distance races from age group Huntington miles to masters one-mile and two-mile swims in addition to the glamour event, the AAU Senior National four-mile championship.

Winners this year included such names from the past as Clarence Ross, Bill Mullikon and Marsha Jones Smoke in the masters. Matt Fetters, son of the Michigan State University swim coach, was the top age group miler in 19:04.10.

Jocelyn Muir, who finished ninth in the women's four-mile event, was the first amateur and the youngest person to swim Lake Ontario, exactly one month after Huntington, clocking the 32-mile crossing in eight-foot waves and with a record rainfall in 15 hours and 35 minutes.

NCAA Promotion Manual Available

The National Collegiate Athletic Association has compiled the *NCAA Promotion Manual* as a first step toward the development of a tool for the proper promotion of intercollegiate athletics.

The first edition covers a wide range of areas vital to promotions. Included in its contents are articles on athletic fund-raising, billboard advertising, booster clubs, community involvement, direct mail, industry participation, multimedia promotion program, promotion of non-revenue sports, season ticket sales and special days.

To obtain this promotional manual, contact Ralph McFillan at the NCAA, Nall Ave. at 63rd St., P.O. Box 1906, Shawnee Mission, Kan. 66222, or call (913) 384-3220.

Schubert Named Coach of the Year

Mark E. Schubert, Mission Viejo Nadadores head coach, has been named "Coach of the Year" for 1981 by the United States Swimming Coaches Association.

Under Schubert's coaching this year, the Nadadores captured all six national team titles (men's, women's

and combined), won 15 individual national titles and set nine American records during the long course and short course national meets.

This is the first time in the history of swimming any team has captured all team titles in one year. In addition to this year, Schubert was named "Coach of the Year" in 1975 and 1976.

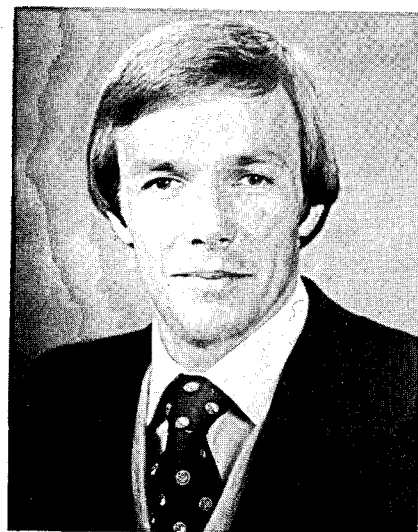
Teams Invited to Join Super Swim-a-thon V

More than 1,000 swimmers from 30 teams are expected to participate in Super Swim-a-thon V, presented by the Swimming Hall of Fame, Nov. 28-29.

The four previous annual Super SATs have raised an average of \$40,000 for swimmers, pool equipment and charity, according to Nancy Tyrer, director of the program that was developed by the Swimming Hall of Fame 11 years ago.

Swimmers and their supporters from Dade, Broward, Monroe and Palm Beach counties solicit pledges for swimming up to 200 laps (or two hours) in municipal and school pools. The majority use the Olympic-size Hall of Fame pool complex in Fort Lauderdale. Sites and dates of the SAT may vary.

Teams range in size from a single swimmer to over 300, and in age from "7 to 70." In addition to organized swim teams, all groups wishing to raise funds are welcome. Previously, swimmers have represented firemen, police, charities, bands and various other groups.



Schubert was named ASCA Coach of Year.

Coordinating the project is the Florida Gold Coast Local Swim Committee with the Swimming Hall of Fame and the City of Fort Lauderdale's recreation department.

To take part in Super Swim-athon V, contact the Swimming Hall of Fame, Fort Lauderdale, Fla. 33316; telephone is (305) 462-8833.

Strong U.S. Team Dominates Deaf Games

With enough flag-waving to rival the Olympics, more than 1,500 deaf athletes from 34 countries started their 14th quadrennial World Games for the Deaf on Thursday, July 23, in Cologne, West Germany. The 10-day event brought together top deaf amateurs in a dozen team and individual sports disciplines.

When competition had ended Aug. 1, the American team of 104 men and 66 women had compiled their most successful Games performance ever. Capturing 45 gold medals from their total medal count of 109, the U.S. team surpassed the 38 gold and 103 total medals won at the 1969 and 1977 Games, respec-

tively, continuing the American domination that began in 1973.

As expected for the third consecutive Games, the American team's greatest collection of gold medals came in the swimming competition, where they won 21 of 26 titles and a record total of 44 medals, including 21 gold, 13 silver and 10 bronze. The nearest any nation could come was a nine-medal total for the Soviet Union which included two golds.

World deaf records were broken on 34 occasions (including prelim swims), with 22 record times coming from Americans. Of the remaining record swims, Australia claimed six, the Russians took four and West Germany, two. The Americans were also credited with all four of the Games records set and added two American deaf records in the women's breaststroke races.

Beth Lutz of Dallas, Texas, and Reed Gershwind of San Diego, Calif., were the top medal winners, each taking home seven. A recent graduate of the University of Arizona at Tucson, Lutz captured all four freestyle events (59.43,

2:07.97, 4:28.07 and 9:09.73) plus anchoring two relays teams, all in world record time. In addition, she placed second in the 100 meter butterfly.

Gershwind, 17, a student at Patrick Henry High School in San Diego, took five golds, a silver and a bronze. In addition to participating on both world record relays, he broke Jeff Float's world marks in the 100 free and 400 IM, clocking 55.59 and 4:49.74. His winning time in the 200 free (2:02.82) was only six-hundredths of a second shy of another world standard.

Another individual triple winner for the U.S. team was Laura Barber, an 18-year-old Allison Park, Pa., resident who had set a Deaf Olympics record four years ago in Bucharest, Romania, by winning 10 gold medals at the 13th World Games. As the second youngest girl at that Games at 14, she won every event she entered.

Though tough competition, especially from her own team, kept her hard pressed for an encore in 1981, she was able to repeat in her best events—backstroke and in-

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dividual medley—as she tallied four golds, a silver and a bronze. Now a freshman at the University of Pittsburgh, Barber's wins came in 1:08.51 and 2:27.43 in the backstrokes and 5:21.60 for the 400 IM. Her 100 back time was a world mark, while the longer backstroke time missed the mark by six-hundredths. Her IM was just three-hundredths shy of the world record. Both of the latter swims, however, were Games records. In freestyle competition, Barber finished second in the 800 and third in the 100.

Barber's fourth gold came in leading off the medley relay, whose 4:44.38 world mark also featured Karen Bregman, Michelle Poole and Lutz. The winning U.S. foursome in the 400 free relay (4:07.73) included Poole, Christine Holman, Lisa

Dunn and Lutz.

A Gary, N.C., resident, "Micki" Poole proved she was the best deaf women's flyer in the world as she destroyed global records in the 100 and 200 five times at Cologne, including a record swim at 100 meters during the first half of the 200 meter event. Her winning times were 1:07.93 and 2:30.51.

The only non-American victories for the women came from Cindy-Lu Fitzpatrick of Australia, who swept the breaststroke events in world records of 1:15.39 and 2:43.80. In all, Fitzpatrick also took three silvers and a bronze for six medals.

Among the men, in addition to Gershwind's triple, five other individual victories went to Americans. Karl Wilbanks, an 18 year old at Boise State University, doubled in the butterfly competition, setting a world record in the 200 (2:12.89) and clocking a 1:00.78

in the 100 that missed Jeff Float's world record by half a second.

Wilbanks got another pair of golds—in world record time, to boot—for his part in the USA relays. Wilbanks and Gershwind were joined by Earl Hollinshead III and Stuart Wilson for a final time of 8:22.69 in taking the 800 free relay record. The medley relay winning combination featured James Davenport and Philip Huckaby, followed by the duo of Wilbanks and Gershwind in 4:14.95.

Another U.S. men's individual doubler was 16-year-old Stuart Wilson of Atlanta, Ga., who was the distance free ace with wins in 4:16.13 (Games record) and 17:07.47. In addition to his part in the 800 free relay world mark, Wilson added second-place finishes in the 200 free, 200 fly and 400 IM.

Jimmy Davenport, 19, of Knoxville, came away with golds in the 200 back (Games record 2:17.55) and medley relay, took a silver in the 100 back and a bronze in the 100 free.

Davenport was topped in the 100 back by the USSR's Andrei Gavaza (1:04.15, good for a world record). In addition, the versatile Gavaza took three seconds and three thirds for a seven-medal showing.

Another gold went to the USSR when Serguei Samokhvalov set a world deaf record of 2:33.46 for the 200 breast, edging France's Dominique Filippi, 2:33.76. Filippi turned the tables with his own world record for the 100 breast, clocking 1:10.52 to easily outdistance Samokhvalov (1:13.02) and American Philip Huckaby (1:13.56).

The 15th World Games for the Deaf will be held in Los Angeles in 1985.

—By Art Kruger

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Sadat Emphasizes World Peace in Letter to Swimming Hall of Fame

In May 1981, Egypt was recognized as the Honor Country during the Honoree Ceremonies held by the International Swimming Hall of Fame in Fort Lauderdale. Representing Egypt was the great marathon swimmer of the 1950s and 1960s, Abou el Heif, currently a businessman in Cairo.

Abou el Heif was sent to the ceremonies as the personal represen-

tative of President Anwar el Sadat, who dispatched a letter to John B. Kelly, Jr., president of the Swimming Hall of Fame. Written in original Egyptian and signed personally by President Sadat, the letter was read to the audience of 200 by Abou.

The following day, Abou planted a tree which had been brought with him all the way from Egypt.

But it was the letter from President Sadat that most impressed the audience.

Following is the English translation of the late President Sadat's memorable letter:

Mr. John Kelly, president of the Latini International Sport Foundation, distinguished officials, sporting figures and members of this audience:

It is my great privilege and pleasure to address this message to such a distinguished gathering of top sporting figures and officials and to greet you in the name of the Arab Republic of Egypt and to congratulate the organizing foundation sponsoring this celebration in honor of distinguished world sport cham-

pions spurring all sportsmen in the field of swimming and other water games to achieve further progress and excellence in this field.

It is also my pleasure to avail myself of this opportunity to express my sincere gratitude and appreciation for your very considerate gesture of honoring Egyptian sport champions in particular in these ceremonies.

Egypt, whose main foreign policy framework puts genuine emphasis on the promotion and establishment of an everlasting peace, believes that sport is one of the most effective and vital means which help contribute greatly to the consolidation of friendly and fraternal relations among nations of the world and help much in educating and raising up the young generations on sound and solid moral manners, fair competition, courage and cooperation.

Long distance swimming is actually a tough and great sport which requires high physical fitness, patience and perseverance in order to achieve aspired goals and victories.

Apparently, Egyptians may have distinguished themselves in this

sport along successive generations because Egypt, as described by Herodotus, the ancient Greek historian, "a gift of the Nile," had its youth build up their muscles against the strong, the River Nile not restricting their movements to mere walking and running but paving their way ahead in pride and confidence across the water of rivers and tranquil and stormy seas as well.

It is from this conception that I feel the pulse and value of your efforts and the noble objectives behind your celebrations. This, undoubtedly, helps place human relations above all differences, malice and controversies and helps them realize full understanding and fraternity among all nations for the sake of peace and prosperity of the whole world.

May God the Almighty bless your efforts and help you achieve all your aspirations.

Again, my greetings and best wishes to everyone of you and to all participating champions and the nations they represent.

Thank you. □

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SWIMMING PARENTS

After an intensive association with several age group swim teams, I have been able to identify at least 15 species of swimming parents which populate pools across the length and breadth of our great nation. As each of these species is described, see if you fit any of the characteristics listed.

Co-coach: This individual begins eagerly assisting the coach at poolside by timing splits, organizing relays and seeding sprinters.

As age group coaches are notoriously overworked and understaffed, a helping hand is usually welcome—until the parent crosses that invisible barrier separating the professional from the dilettante: the swimming "Gardol Shield." Now the parent wants to make suggestions about lineup changes, motivational techniques and trophy recipients for the annual awards night.

About this point, the coach becomes notably disenchanted with his new "assistant," and the Co-coach is retired to the bleachers with the rest of the spectators. Some clubs have gone so far as to ban all parents from the deck—even from practices.

Car Pool General: Every age group swim team relies upon car pools to transport our future Olympic hopefuls. Usually, one or more parents will assume the task of organizing the various neighborhood representatives into efficient car pools. This vital function has been strengthened by the energy crisis.

The parent with road maps, micrometers, calculators and a team roster is very busy the first weeks of each season trying to coordinate home location, practice schedule, family car availability, bridge club and racquetball dates, parental work schedules and many other variables. Just when the schedule is set after hours of phoning and innumerable charts, the Brownies change their meeting time and destroy the "best laid plans." It is not unheard-of for the Car Pool General to coerce someone with access to a computer terminal to alleviate the chaos.

Monolithic Mama/Papa: One of the most feared manifestations of swimming parentism is the Monolithic Mama/Papa, so called because of their imposing presence at any competitive event.

With the ferocity of a mother lion, this species will defend its cub against the misdeeds of coaches, officials and virtually anyone else. This parent will stop the orderly progress of a major meet to debate a stroke judge's decision if his/her child is involved. Meet directors quail at the prospect of a child of a Monolithic Mama being entered in their meet.

The saddest aspect of this parent's performance is the visible impact on their embarrassed child, who

usually tries to sink under the concrete deck. Interestingly, most of these swimmers would succeed without the rantings of this "protector."

Cheerleader: Enthusiasm is the key ingredient for the Cheerleader. This parent usually is hoarse from yelling from the starting gun to the last click of the last stopwatch.

Audio engineers notwithstanding, the Cheerleader is convinced that his/her particular sound will penetrate the consciousness of a young swimmer whose ear canals are filled by pool water. Most young swimmers will not even hear the recall shot from a false start, let alone Dad's verbal urgings.

Some Cheerleaders progress beyond yelling to the artificial noisemakers—cow bells, horns, stamping of feet and clapping of hands. These devices give the amateur psychologist a field day, reflecting various personality aberrations.

Phantom: The Phantom is noted by his/her absence at all practices, meets, fund-raising events, awards presentations or any activity remotely related to the swim team.

This parent presents a real challenge to the Car Pool General who eventually considers sending the Bureau of Missing Persons to find the Phantom. The child, however, magically appears at practices, meets and awards nights. Not much more can be said about this vanished species.

The "10": Some parents are still very cognizant of their impact on the opposite sex. Therefore, they attend swim meets dressed to attract attention to their best features. Next, they position themselves so that they can be seen to their best advantage.

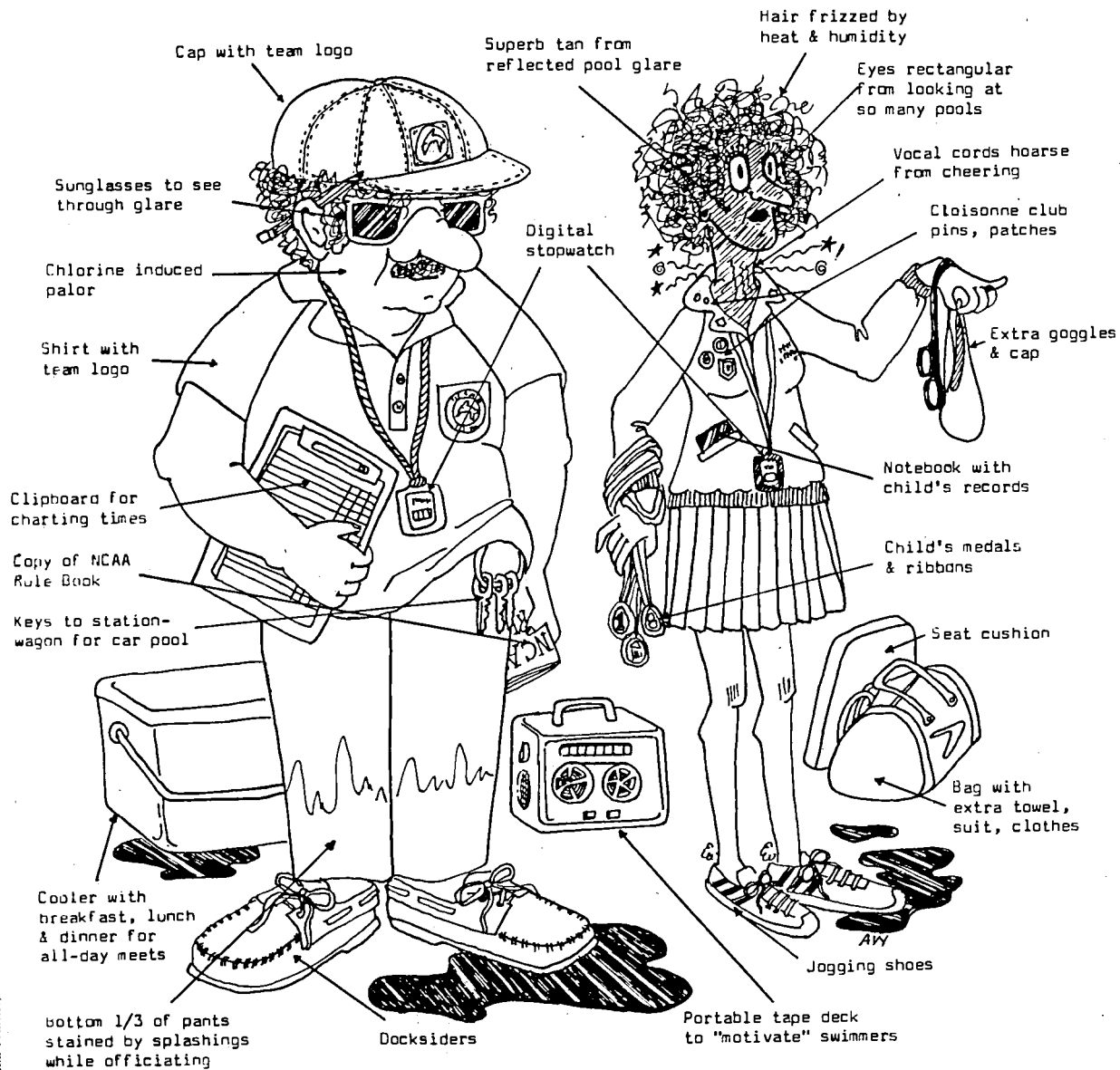
The "10" usually is appreciated by parents of the opposite sex and, not surprisingly, detested by those of the same sex. You can locate this species by the comments, "Did you see the timer in Lane 3?" or "Isn't that starter a hunk?"

PR Person: Identification of the PR Person is relatively simple—look for the camera. A more intense variety also carries a sound movie camera to immortalize their child's third place in the 25 free.

Human beings love to see their children in print, thus the PR Person often submits photographs and stories to local papers. Some teams encourage parents with these proclivities to gain better media coverage for their events.

Obviously, this species is very useful—if you can keep their children out of the foreground of every picture and the first paragraph of every news story.

Ex-jock: An old football or soccer jersey is the uniform for this former athlete who cannot give up his/her allegiance to his/her alma mater. Often team



(Drawing by Aida Warner)

cheers begin to sound suspiciously like a college refrain.

In the excitement of a meet, often the Ex-jock will betray his/her presence by exhorting their child to win for "Old So-and-So." This breed is harmless, glorying in the deeds of yesteryear.

Rules Interpreter: Every nuance of every subsection of every rule is the domain of this legalistic

parent. Woe to the starter/referee who hasn't caught up on the latest changes.

Actually, this parent should become a starter/referee to put his/her expertise to work for everyone's benefit. The greatest controversy usually is created when a local league rule conflicts with NCAA or U.S. Swimming standards. Then the Rules Interpreter springs into action—and the fur flies! ►

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SWIMMING PARENTS *continued*

Social Butterfly: The best indicator for this parent is the lack of a single location. He/she will move from group to group, person to person for the entire length of the meet.

Obviously, this individual cannot be expected to officiate, since that would restrict mobility. This species' greatest strength is arranging the party after the meet to celebrate the victory or mourn the loss.

Preppie: An eastern species that is rapidly spreading to other parts of the country, the Preppie is easily spotted by his/her style of dress: crewneck sweaters, dock-siders, rep ties, alligators on everything, button-down oxford shirts—all are visible traits of this parent. An extreme example was observed recently—the Preppie took off his crewneck sweater then the oxford shirt to expose the alligator on his sport shirt. Children of Preppies tend to be dressed in junior versions of the same attire.

Swim Team Chairperson: Perhaps the most vital species is the Swim Team Chairperson, who can be found by the worried expression on his/her face, a box of stopwatches under the arm, a hat with the team logo and a constant search for officials in progress.

At every meet, this person is the vortex of the storm with coaches, parents, swimmers and officials whirling about them. The most characteristic behavior is a nervous breakdown while screaming, "Never again. I'm going to coach Little League next season."

Fund-raiser: Age group swimming depends upon fund raising to supply trophies, jackets, stopwatches, lane ropes, pool time, buses and innumerable other expenses in the face of rampant inflation.

The Fund-raiser is found with a roll of 50-50 tickets at a refreshment counter while selling T-shirts, patches and pins. A telltale mark is ink stains on the fingers from handling paper money. This parent is usually a hustler who loves to meet people—if money can be made!

Drone: Found in decreasing numbers, the Drone is the parent who doesn't want any position of leadership; just a task to accomplish. These parents would rather make hoagies and smell of oregano for a week instead of officiating. Since they are seldom seen, the only method of detecting their activity is by looking at the swim team budget. If the budget is healthy, the drones have been at work.

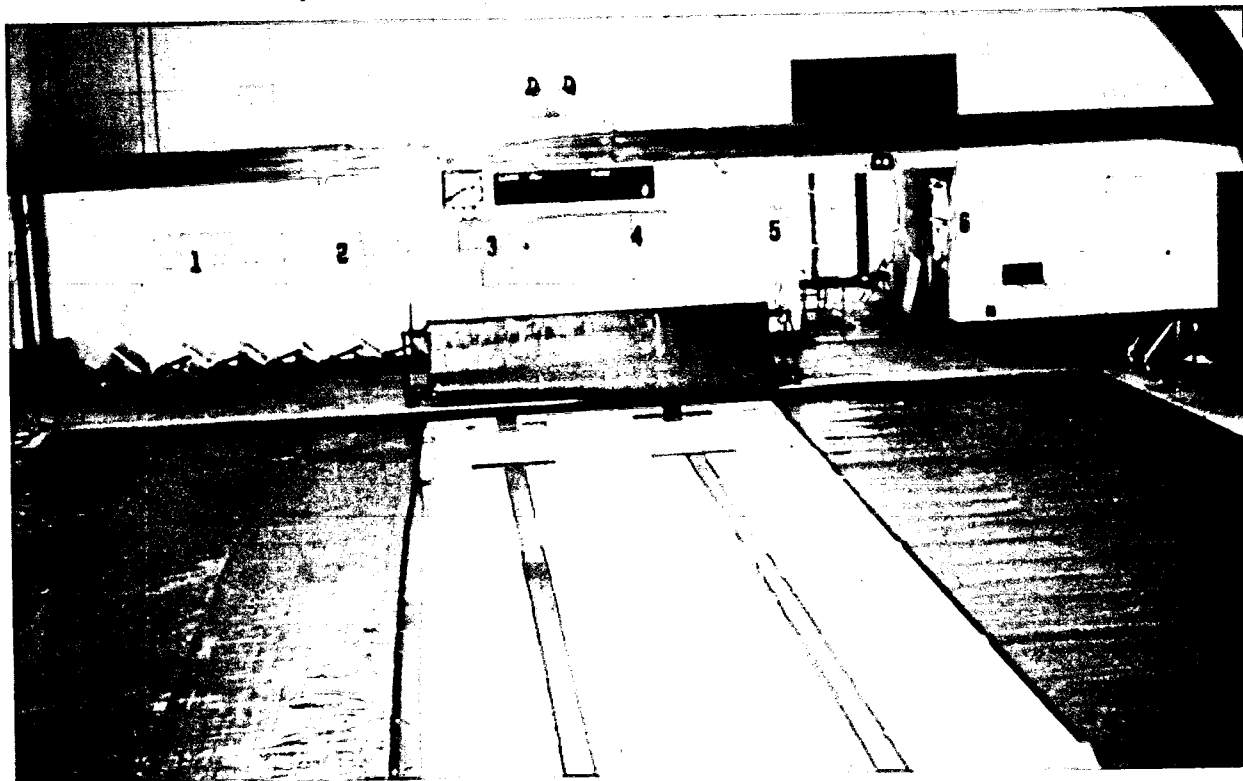
Martyr: This species spends more time telling you how much time is involved in swimming than is actually spent. The more they talk about the time involved, the longer it gets. The Martyr usually talks to non-swimming parents, since the other 14 species know better.

Now that we have taken an irrelevant look at swimming parents, let me conclude by stressing the fact that *all* swimming parents are necessary for age group swimming to survive. The younger swimmers need parental support, guidance and love to participate; the older swimmers can function more independently. However, the clubs are structured, organized and financed by the parents.

Swimming can be a great family activity. Swimming parents of America, I'm proud to be one of you! Keep up the good work and keep a healthy sense of humor.

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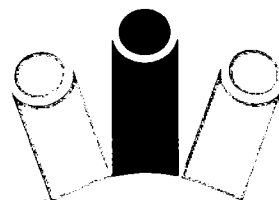
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BACKSTROKE TURNS

John Naber is the undisputed world backstroke king. His world records are still untouched. Does his unique style of turning have anything to do with his success? Whose backstroke turn is faster, Peter Rocca's or John Naber's? Should you do the standard underwater backstroke turn or a "Naber Spin" turn? Read on, backstrokers.

Standard Turn

During his swimming career, Peter Rocca constantly evaluated his strokes and turns and worked on them, resulting in excellent techniques. He used the standard backstroke turn which he executed perfectly according to any competitive swimming manual: a hand touch about 17½ inches deep; alignment of the whole upper body with the arm just prior to the touch; bending of the lead arm slightly as soon as the wall is touched and then pushing against the wall as the trail arm arcs toward the head; bending of the hips and knees so the thighs, legs and feet clear the water; submersion of the feet to a depth about the same as the hand touch at the completion of the spin; and the joining of the hands in a streamlined position for the push-off. Peter also incorporated several underwater dolphin kicks prior to surfacing.

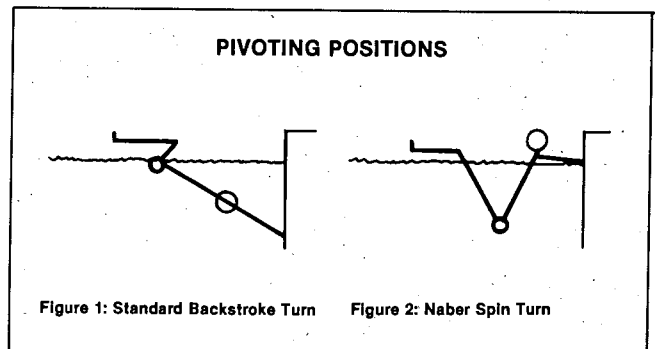
Naber Spin Turn

John Naber developed a head-up spin turn out of necessity. Yards and yards of backstroke with umpteenth standard turns of no breathing caused him to develop a head-up breathing turn. Although the turn evolved from swim practice, with a little refinement he began using it in the 200 yard and meter backstroke races: a hand touch about 8½ inches deep; rapid flexing of the upper body toward the thighs and the knees toward the chest so that the thighs, legs, feet and head clear the water;

movement of the trail arm in a deep arc toward the top of the head; submersion of the feet to a depth of about 19 inches; and submersion of the upper body as the lead arm arcs out of the water and over the submerging head to knife back in the water and join the trail arm in a streamlined position next to the head.

There are two main advantages to this type of turn. It allows for breathing time during the turn, and viewing of competitor positioning.

There is one important point to remember when learning this turn: bring the head and upper body toward the thighs (sit up) while simultaneously flexing the hips and knees enough for the knees and legs to clear the water. This movement may be difficult for individuals who are equally proportioned in the legs and upper body or long-legged. John has a relatively long upper body length (41½ inches) when compared to his leg length (36½ inches.) Figures 1 and 2 show the body position during the spinning part of the turn.



In the standard turn the pivotal point is the shoulders. In the Naber spin turn the pivotal point is the buttocks. The narrowing of the axis of rotation prior to the turn should produce a faster spin. Although no statistical significance in spin time difference was found in studying the two styles closely ("A Cine Analysis Comparing the 'Naber Spin' Turn with the Standard Backstroke Turn," Rose Ann Benson, Master's thesis, BYU, 1979), this could have been due to the relative state ▶

About the Author

Rose Ann Benson is the women's swimming and diving coach at James Madison University. A more technical version of this article, based on her Master's thesis, appeared in the November 1980 issue of Swimming Technique.

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of conditioning of each swimmer at the time the study was made. Peter was recovering from mononucleosis and John had been out of the water for four-and-a-half months.

It is impossible to determine how much effect John's turning style played in his success. The fact that the speed of the spin and the total turn time are not significantly different than the execution time of the standard turn may have made extra air a real advantage in 200 yard and meter races. If you can develop this turn, it may be advantageous for you also.

Whatever backstroke turning style you and your coach decide is best for you, the techniques listed below should always be followed:

- Swim hard into the turn. The horizontal momentum going into the wall is transferred to rotational speed to initiate a fast spin. Anticipate when you will touch the wall by a) knowing how many strokes you take from the flags to the wall, or b) knowing the alignment of the flags to some other object in your lane when your hand touches the wall.
- Use the lead arm to initiate the body spin by touching the wall solidly with the hand, allowing the elbow to flex, and then pushing away from the wall as the hips begin to flex.
- Use the trail arm to aid the body spin by arcing it palm-upward from the hip to the top of the head.
- Push off the wall in a streamlined position. Join the hands together and squeeze the ears with the arms. Push off deep enough to do several underwater dolphin kicks then flutter kicks before surfacing at about the five-yard lane line marker. □

TECHNIQUE TIP

Crawlstroke: Inertial Lags

**By Gregory L. Lockard
Swimming Coach
Montclair State College**

Inertial lags or hesitations in the recovery phase of the crawlstroke usually result from timing faults in the breathing pattern. To correct the problem, the head, shoulders and hands must move as a unit.

As the hand on the breathing side begins to release, the head turns to one side so the mouth is clear of the water. Then, as the hand continues to recover, the swimmer should watch the hand enter the water.

This will eliminate any hesitations or lags in the breathing phase, and will make the stroke more inertial. □

Jim Montrellos



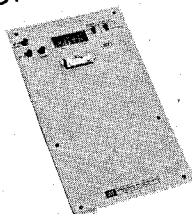
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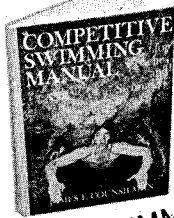
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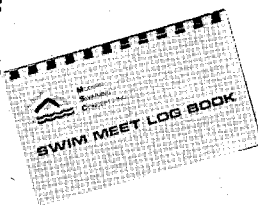
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TEXAS WHEELS PROGRAM

The year was 1964. I was in graduate school at the University of Florida working with the team. Like everyone else at the time, we were doing high rep weight workouts trying to increase our team's performance in the pool.

Something happened that year which changed my whole approach to dryland training. A guy in my grad class—a football player—asked me why swimmers were doing endurance weight work and endurance swimming. To him it was repetitive and unproductive, like washing your car twice.

That's when I decided my teams would gain their strength out of water and their endurance in it. That has been a philosophy that has stayed with me, being refined year after year, for the last 17 years.

So now, in 1981, how does Texas swimming train on dry land? With thrice weekly weight workouts, a reliance on "natural strength" exercises and, after an ABC television report on it, a now popular "wheels" training program.

"Wheels" Program

Judging by office phone calls since ABC did a report on the program while covering the NCAA Championships this year, this is a popular

About The Author

Eddie Reese is the men's head coach of the NCAA championship team from the University of Texas at Austin. A former swimming star at the University of Florida, Reese coached at Auburn before leading the Longhorns to second- and first-place NCAA finishes in two of his three seasons at Texas. Recognized as an excellent teacher, Reese is a member of the Speedo Advisory Coaches Council.

program. So how does it work? Well, here goes:

The equipment is simple: two six-inch lawnmower wheels, two feet of two-inch by four-inch wood and two three-inch or four-inch bolts about three-eighths to one-half inch thick. You just bolt the wheels right into the two-by-fours. For cushioning, tape a piece of one-inch foam padding to one side of the two-by-four.

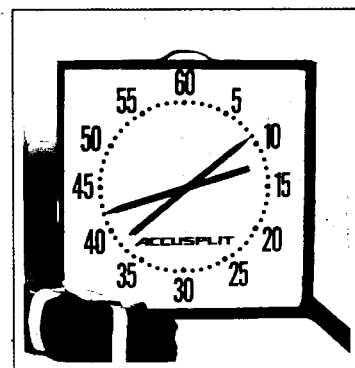
Also, if your swimmer is tall, he should position the board above knee level. If not, below the knee. Swimmers should always be in a push-up position (on their toes) with their fingertips turned toward each other (left hand to the right 90 degrees; right hand to the left 90 degrees). Don't let him put his hands straight out because it will strain his wrists.

The exact nature of any wheels program is up to you. We practice on the ramps that lead up to our football stadium—they are fairly steep—at a distance of about 18 or 20 yards. Our practice period is about 35 minutes, and swimmers do eight "ramps" at both our Monday and Wednesday workouts.

We do both "walking" and "hopping" wheels workouts. Walking is simply dragging your body up the ramp in a sliding motion by extending your arms in front of you (hands on the ground) and pulling yourself forward—all the way up the ramp. I believe that produces endurance in a swimmer. Hopping—which I believe produces strength—is almost like doing a push-up while clapping your hands. Instead of dragging your body up

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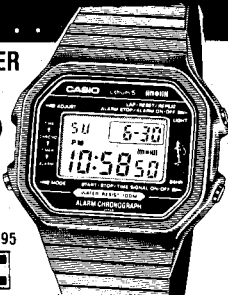
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TEXAS WHEELS *continued*

the ramp, a swimmer "hops" up the grade.

Distance swimmer workouts read like this for twice-a-week sessions: walk two ramps, hop one, walk one, then repeat the entire schedule for a total of eight ramps. Sprinters walk one, hop one, walk one, hop one, then repeat all four again in the same order on the second round.

A word to the wise: Break your swimmers into this program easily. I'm not kidding when I say I can do one-half a ramp. They're tough. Still, after a while you'll get swimmers like mine who can hop up a ramp faster than most people can walk.

As far as numbers of wheels, in three years we've accumulated about 30 sets of wheels. They're pretty easy to make (although my favorite part of the program has not been making them, but riding down the ramps).

Anyway, in conjunction with this wheels workout, I stress natural strength exercises and weight workouts while swimming after, not before, each dryland session. First, let's concentrate on weights.

Weight Training

We work out three days a week on weights: a September to January period of intensive activity, then later, a February through-the-season phase stressing lighter training.

Sunday is always our day for negative resistance workouts. Negative resistance is not lifting, but rather controlling the ascent or descent of weights 25-40 pounds over maximum. I do not recommend this for young swimmers. It's the hardest weight workout you can do. And we do it every Sunday for about 90 minutes.

On Tuesday and Thursday, for 50 minutes, we work every muscle. Early in the semester, swimmers work three sets of eight, training to three sets of four (heavier weight) as the year progresses. Even during tapers we do two sets of two. In all, we do about 10 different exercises.

From February on, we shift to two sets of four with only five exercises. You don't want to burn out with the season underway.

What type of dryland training do we do on Friday, you ask? Good question. Friday for Texas swimmers is Frisbee day. We just take off to the football field and toss the Frisbee around for an hour or so. But during the rest of the week, in conjunction with all the wheels, weight and Frisbee training, we also do a great deal of natural strength exercises, in which I am a great believer.

Natural Strength Exercises

Sports like gymnastics, where an athlete gets strong from handling his own body weight, are great. If gymnasts were not so prone to injury, I would have my swimmers doing more gymnastic routines.

Instead, at Texas we do things

" . . . I decided my teams would gain their strength out of the water and their endurance in it."

like running stadium stairs (and we have some good ones), 30 regular push-ups, followed by 60 more modified (on knees) push-ups, and climb ropes.

With ropes, we have what's called a "triple." A swimmer climbs hand-over-hand to the top of a 20-foot rope. He then uses just his feet to slide down to the knot at the bottom. Then it's hand-over-hand to the top, slide down, hand-over-hand to the top, and back down. That's a triple.

For those teams without ropes, elaborate weight rooms or inclines for wheels workouts, I stress a vertical sit-up workout (two sets of 25), push-ups, dips, chins, anything that works the upper body and legs. We even do two sets of 25 squad jumps along with the rest of our workouts.

As you can see, swimming for greatness is obviously a year-round activity. You can produce championship-caliber teams only when effort given in the water is matched by a willingness to work out of the water as well. Good luck in your team's quest for a championship. □



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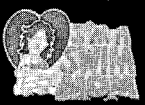
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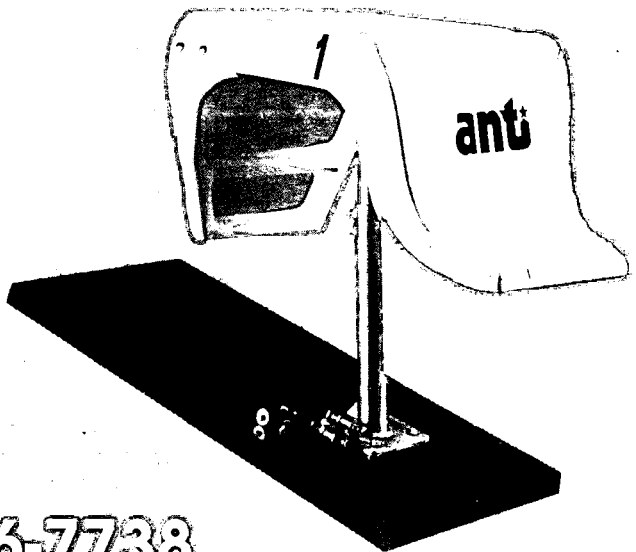
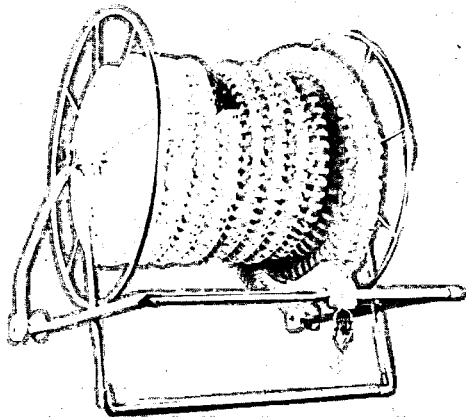
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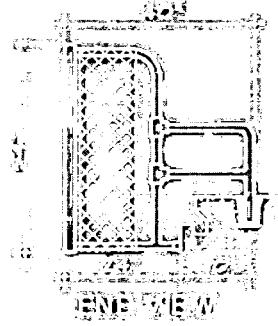
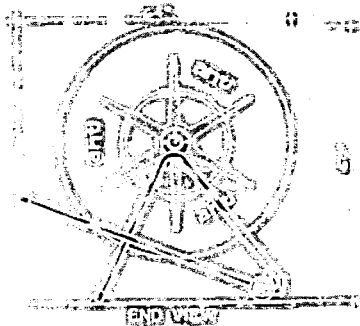
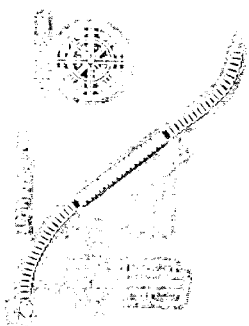
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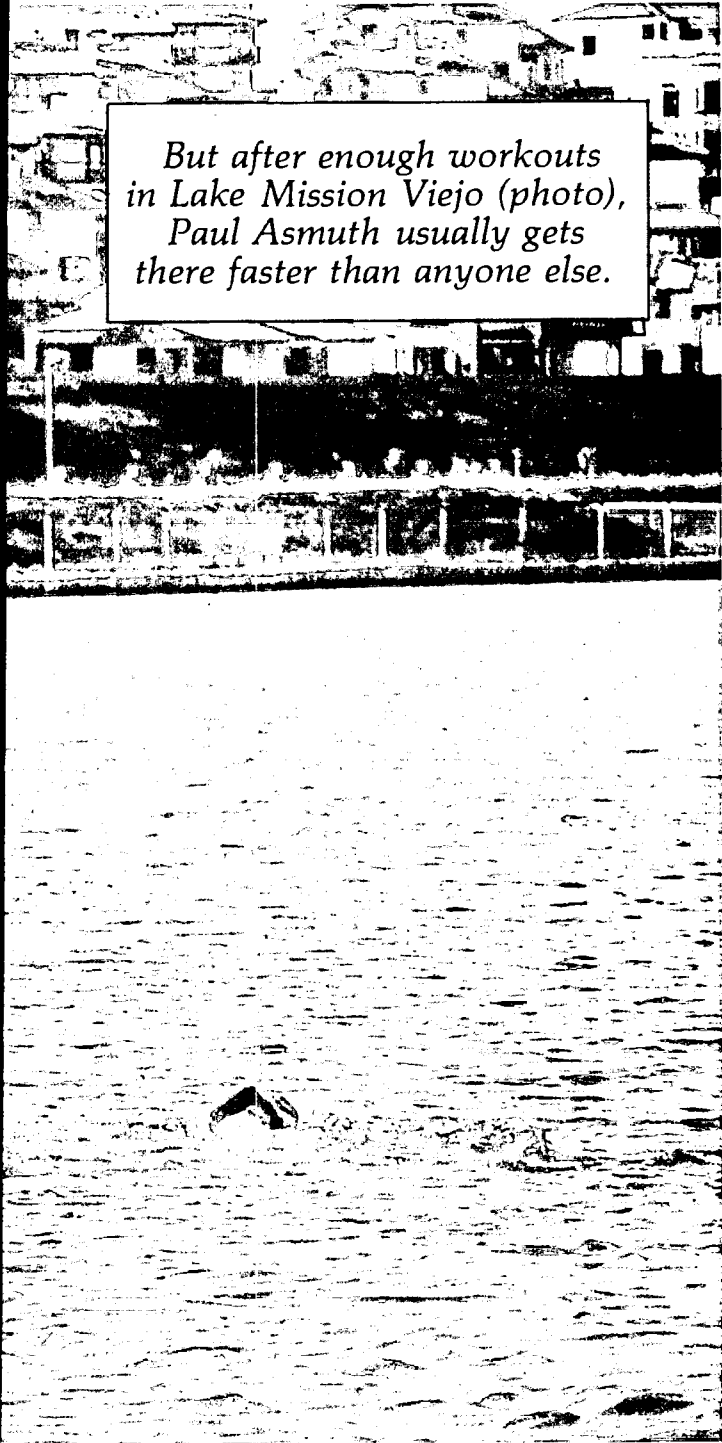
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PERSONALITY BY CHRIS GEORGES



(Photo by Bruce Bolinger)

IT'S A LONG, LONG WAY TO MEPHREMAGOG



But after enough workouts in Lake Mission Viejo (photo), Paul Asmuth usually gets there faster than anyone else.

The first clue might have come when his escort boat disappeared into the trough behind one of the 6-foot swells. A further hint was provided by the wind-whipped whitecaps which topped the rolling seas. But the real clincher had to be when Paul Asmuth noticed that all the other swimmers had been swallowed up by the dense fog smothering the 59-degree water in the Bay of Chaleurs.

Maybe this professional marathon swimming business wasn't *supposed* to be easy.

At least, not as easy as Asmuth had made it look up to that point in 1980, his rookie season in which he was destined to become world champion. Two of the three championship races were safely behind him that dismal August morning last year when he slipped into the cold harbor water of Grand Anse, New Brunswick. His only aim that day was the Quebec town of Paspébiac 18 miles across the bay and the \$5,000 prize money that would go to the winner of the race—no championship points were at stake.

But after a reluctant start and two agonizing hours of freestyle, he finally turned to Maura Campion, his girlfriend serving as guide on the escort boat, and shouted, "This is crazy. It's not worth it." When he was pulled shivering from the water, Asmuth had a 15-minute lead on the field.

Since no points were lost by not finishing, Asmuth still managed to claim the world title later that summer. A truer measure of his prowess, however, occurred in July of this year when Asmuth was pulled aboard his boat, incoherent and semi-hypothermic, an hour-and-a-half from the finish of the prestigious Lac St. Jean swim. This time, points *were* at stake. Asmuth earned none for his DNF (Did Not Finish) but won the world title nonetheless because of his outstanding cumulative record from the other races.

Had Asmuth grown up frolicking in frigid lakes and swimming for hours in fog-blown inlets, none of this would seem too surprising. But frigid lakes were hard to come by in Fort Myers, Fla., where Asmuth did his growing up. And the closest he ever got to a fog-blown inlet in Tempe, Ariz., was when someone left the hot showers on too long in the Arizona State locker rooms.

So maybe it was just that Asmuth, 24, didn't know any better when he hopped into the water off Atlantic City in July 1980. In his *first-ever* open-water race, he defeated some of the world's top marathoners in a 23½-mile, 7½-hour swim en route to the world championship. It looked almost easy.

As Asmuth is quick to point out, it's not. "I don't ►

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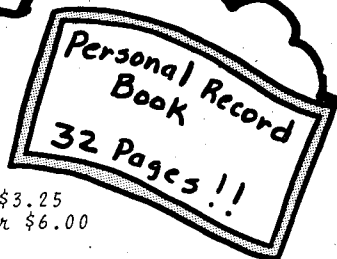
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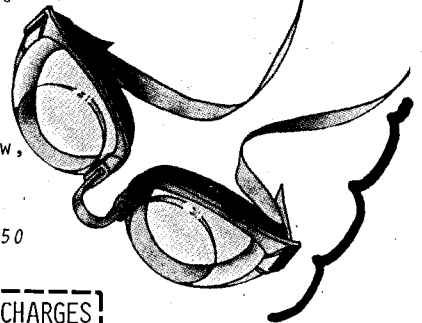
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want it to seem like it's easy," he says. "Sure I win, but there are lots of people who don't even finish. The last part of the race is just hell, no matter if you're in first or in 10th place. I wish I could explain what a relief it is just to finish. I cry when it's over. You just can't believe you're done after a whole day. All you can think about the last part of the race is finishing."

The professional marathon circuit consists of four sanctioned races held on consecutive weekends in July and August of each year. After the Atlantic City swim, the remainder are held in Quebec and range in length

"After I finished my first marathon race, I realized you just can't compare it to pool swimming."

from La Tuque (15 miles) to Lac Mephrémagog (28 miles). When one considers that the distance from Dover to Calais—the English Channel route—is roughly 21 miles, the circuit takes on a new perspective.

Asmuth won every sanctioned race last summer except for the abortive St. Jean swim, when he exerted himself too early in the race, lowering his body defenses for the later cold and falling victim to hypothermia. When his core temperature was taken at the nearby hospital, it was 93 degrees Fahrenheit; normal is 98.6. He said he doesn't remember any of the last hour-and-a-half of the swim. Only when he kept running into his escort boat did his older brother, John, along as guide, fully realize the situation and have Paul pulled from the water.

In spite of that incident, Asmuth says the major difference between last summer and his rookie season was his confidence. "Last year I thought I could do well, but I wasn't certain. This year I knew." Experience and better training enabled him to pile up enough points in other races to overcome the St. Jean debacle, as well as to win by his biggest margin of the summer, 40 minutes at Mephrémagog.

It seems as though until he discovered marathoning, nothing in swimming came easy for Asmuth, who now lives in Trabuco Canyon, Calif. Even though he started competing at age 7 with a local team in Fort Myers, he didn't make any kind of splash for a long time. His coach during his junior high years, Ginny Duenkel Fuldner, herself a 1964 Olympic gold medalist in the 400 meter freestyle, recalls that little Paul was, ah, shall we say, somewhat less than enthralled with the idea of distance training. "I wouldn't have been surprised if somebody had said, 'Someday he'll amount to something,'" she says. "But a marathon swimmer? That would've surprised me."

As a freshman in high school, Asmuth stood 5-5 and weighed 115 pounds. His friends—even his high school coach—called him Peanut, and that was one of the more endearing nicknames he carried around. But by his junior year, he was starting to work hard, and his club coach, Greg Troy, told Mrs. Asmuth, "You know, if he were six feet tall he'd be the fastest swimmer in the country." At graduation, Asmuth was all of 5-10 and 128. His best time in the 500 yard free was 4:55, which would have ranked him second in the nation the previous year—among girls. His front door not exactly in danger of being broken down by college recruiters, Paul followed brother John to Auburn University.

Paul grew to 6-½ and 145 his freshman year, but his times still didn't move the earth. Then-Auburn Coach Eddie Reese suggested that Asmuth spend a year training with the Mission Viejo Nadadores, and perhaps he would be able to earn a scholarship when he returned. He never returned. Instead, after enrolling at Saddleback Community College for the 1976-77 school year, he was recruited by Ron Johnson at Arizona State. While he didn't grow much more (to 6-¾ and 155), Asmuth's times kept dropping until, in his junior and senior years, he was elected captain of the ASU team and took fourth in the NCAA 1650 yard freestyle.

While Asmuth's progress in college was notable, he's still getting faster (and a little heavier, too, at 166). Charles Silvia, 70, who served for 41 years as swimming coach at Springfield (Mass.) College and who has trained a record-setting English Channel swimmer, says of Asmuth, "In terms of just plain skill, he is by far the best that I've ever known. It's just amazing what he could do." Silvia saw Asmuth compete at the 1980 NCAAs at Harvard and although the two have never met, he counsels Asmuth by phone.

One of Silvia's main areas of interest is the body's response to cold water. It is as well that Asmuth has this expertise to fall back on because virtually all of his minimal open-water training is done in the late spring in Lake Mission Viejo (a man-made body of water about a mile long) or Lake Elsinore (located in the desert about 25 miles east of Mission Viejo). Temperatures in Elsinore in May and June average about 80 degrees—nowhere near the mid- to low-60s water found in the marathon races.

Lake Mission Viejo is glass-smooth in the early morning hours when Asmuth jumps in for a workout. While the inhabitants of the \$120,000 lakefront condominiums and million-dollar-plus custom homes are rubbing the sleep from their eyes and blatantly scanning the front pages of their *Wall Street Journals*, Asmuth shares the lake with an occasional coot or a flight of geese. He cuts a neat "V" through the 75-degree water, producing the double-trough wave that is the mark of the efficient swimmer.

His stroke and speed are not nearly so impressive in the pool as out in open water, where he brings to mind Lindbergh's Lone Eagle, accompanied not by the drone of an engine but only by the unchanging rhythm of his ▶

stroke—right arm slicing into the water, left arm slapping—the explosive exhalation of each breath and the continual rush of water past his ears. Watching him, the splash, plish, splash, plish gains strength as he approaches and swims past, then fades to silence as distance disrupts the synchrony of stroke and splash—20 yards, 100 yards, half a mile.

Asmuth says he prefers working out in lakes to practicing in the pool. "I can get into what I'm doing when I don't have to worry about turns or running into the lane rope. All my thought processes are concentrated on one thing—going fast."

During the long, lonely hours of an actual race, Asmuth says, the swimmer reaches a point where mere physical stamina is not enough to sustain effort. "Then I start playing these mental games, attaching something from my head to the boat or attaching mechanical arms to my arms to pull them along. But it's a constant, ongoing trick you have to play. Sometimes I break down and find myself crying."

Although he could usually pass for a teenager, after some races Asmuth looks like an overweight, middle-aged sunbather. Hours of exposure to cold, sometimes salty water and to frequent winds can add 30 years to a swimmer's face.

Sometimes the races just seem that long. For that reason, the mental preparation for a marathon swim is

not the same as for a pool race. "I try to stay real relaxed," Asmuth says. "At NAAs, you're pretty hyper and you've got a lot of adrenaline. I try to totally stay away from that because you're talking about eight hours."

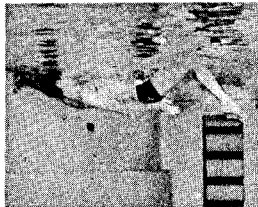
It's not just the psyching up that's different, either. In fact, Asmuth says of marathon vs. pool swimming, "They're totally different sports. One's in a pool in a controlled environment with the longest duration being 15 minutes. The other is in an uncontrollable environment where the water can vary from 55 to 85 degrees, with the shortest race being five hours. After I finished my first marathon race I realized you just can't compare the two sports."

For that reason, he says, "I think I should be able to go to Nationals," which he is forbidden to do after having accepted money to compete. "Even if I want to swim exhibition in a meet, I'm not allowed to. I'd like to."

While he is restricted from competing against senior-level swimmers at U.S. Swimming meets, at least he can *train* with them, as he does in Mission. Flying in the face of conventional ocean-swimming wisdom which holds that only long, continuous work is best for the marathon events, Asmuth's regimen at Mission consists mostly of interval sets.

He was getting whipped by some of the younger distance stars in Mission's "animal lane" during an

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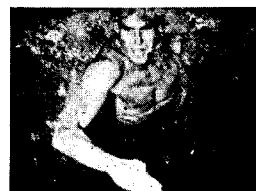
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early-June workout when Nadadore coach Mark Schubert leaned over between repeats and said quietly, with a grin on his face, "Keep thinking about those bridges!" ("Bridge money" or "sprint money" is offered in some races as an incentive to be the fastest from a given bridge to another, or one pier to the next.) In spite of that prompting Asmuth still couldn't make the 100 meter repeats on 1:05.

"I think he likes my enthusiasm," Asmuth says of Schubert. "I told him about my plans to swim masters and he just started laughing. He thought it was really funny that I wanted to keep swimming.

"I really wanted Mark to go to Atlantic City with me," Asmuth continues, "because I don't think he *really* knows how hard it is. It's tough to describe it unless you've really been there."

As hard as the competitions are, though, Asmuth has made winning them look easy. His toughest challenge so far has been to outstrip the reputation of John Kinsella, the 1970 Sullivan Award winner who went on to dominate the marathon circuit until his retirement in 1979. Kinsella still holds the record for the Lac St. Jean swim, the most prestigious of the races; hence, after Asmuth won there last year with an intestinal disorder but missed Kinsella's record of 7:01:00 by 10 minutes,



(Photo by Benoit Martin)

Incoherent and suffering from hypothermia, Asmuth was pulled from the water in this year's Lac St. Jean swim.

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the headline in Montreal's *La Presse* read, "*Le record de Kinsella à tenu le coup*" ("Kinsella's record withstands the blow"). As Asmuth is discovering, while it may be one thing to compete against John Kinsella, it's quite another to take on The Legendary John Kinsella. "It's like I can't get away from that guy," he says. "I wish he were still swimming."

The chance of a \$60,000 purse for a Catalina-to-the-mainland race next summer in Southern California makes that prospect all the more enticing. Asmuth currently is involved with the early planning and promotion of such an event, a 30-mile straight-line shot which could bring \$30,000 to the winner. With his job as an auditor in the Newport Beach firm of Kenneth Leventhal & Co. added to his yearly winnings from swimming (around \$20,000), such a prize could put Asmuth into a tax bracket most people only dream of. Indeed, he already owns his own house in the hills 10 miles outside Mission Viejo which he shares with Nadadore diver Steve Eberle.

Having bought a house as a 23 year old, Asmuth is used to doing things few people believe possible. His rookie season is a good example. After the Olympic boycott dashed his very real hopes of earning a place on the team in the 1500 free, he decided to spend the summer after college graduation on the pro circuit, even though he'd never done anything like it. "It was just like when I wanted to go to California and train at Mission Viejo, and everybody said I was crazy. I usually figure

out what I want to do and then I do it. I just knew I was a real good distance swimmer, and that's what I was counting on."

He came to last year's Atlantic City race as a complete neophyte—who fully expected to win. "I was real low-key. If anyone asked me, I'd just say, yeah, it's a new experience and I want to make sure I finish. But I was going there to win. Everyone who was close to me knew I wasn't planning to just place."

His guide on that swim was University of Arkansas Coach Sam Freas, who had met Asmuth at NAAs and told him about Silvia. When the pair arrived in Atlantic City a few days before the race, Freas had Asmuth swim a workout in the water off the Longport jetty on the south side of the island. Bucking a strong tide, Asmuth virtually did not go anywhere for two hours.

"We drew him into the boat," Freas says, "and he was exhausted and frustrated. I said, 'This is the kind of thing that might come up.' Just then, a fishing boat came by us with a 10-foot mako shark hanging on the hook. I yelled out, 'Where'd you get it?' He says, 'Right off the jetty.' Paul says to me, 'You've gotta get a shotgun.' I had never fired a shotgun in my life."

Race organizers had warned the contestants beforehand that bluefish, which have been known to attack swimmers, were running very close to Absecon Island, and with them came the sharks. During the race, while Asmuth was swimming down the ocean side of the island, a school of bluefish suddenly appeared and



(Photo by Benoit Martin)

With moral and escort support from girlfriend Maura Champion, Asmuth won the 1980 world championship in his rookie season.

began jumping all around him. Freas took out the shotgun.

"The guys in the boat said, 'Don't do it, don't do it. If you draw blood, they're gonna be in a frenzy.' I didn't even put any shot in it," Freas says, "but I wanted Paul to know we knew what was going on.

"So I'm standing there like Elmer Fudd with a shotgun on my shoulder when all of a sudden this large white object swims underneath the bluefish and underneath Paul. Paul looks at me with big, *big* eyes, and I say, 'Don't worry about it; just keep on going.'"

He did, eventually passing early leader James Kegley of the USA (even though Freas, a notorious swimming promoter, had instructed Asmuth to wave to the spectators on every bridge he swam under). Four-and-a-half hours into the swim, Kegley elected to take the longer route around an islet in hopes of catching fast water, while Asmuth chose a more direct but shallower course. Kegley's gamble failed and Asmuth passed him to lead the remaining three hours, all the way to the finish.

A lasting bond was formed between Asmuth and his college coach, Ron Johnson, while he was at Arizona State. Asmuth talks about how he was recruited to ASU after his year at Saddleback: "I was in wildlife management, so that limited my schools to those with that major. I went to Arizona State on my recruiting trip and Ron didn't give me any of the regular BS. We went hiking, and I love to go hiking. I was really turned on by everything we did." The two became fast friends and still talk on the phone or see each other regularly.

Sitting over dinner a week before Asmuth was to leave for his successful competition tour last summer, Johnson looked up from his meal and stared off thoughtfully. "Most sports like baseball, football and basketball rely on God-given abilities such as explosive speed and hand-eye coordination, and we idolize them, perhaps to the detriment of moral fibre.

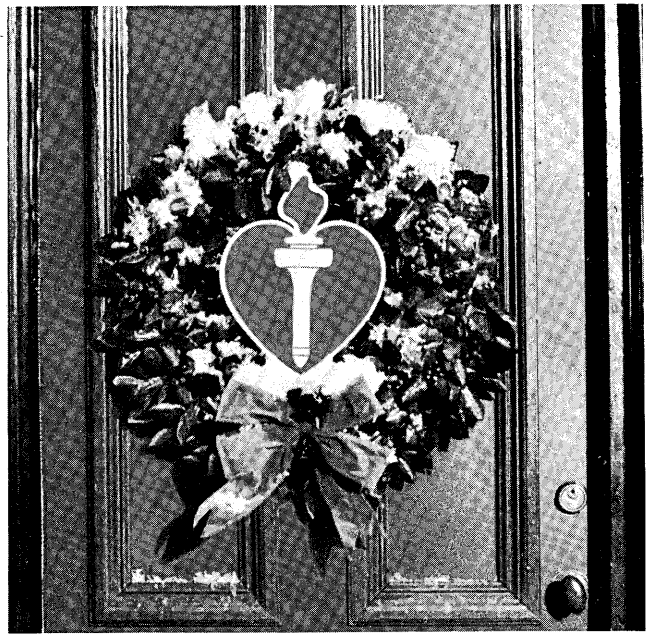
"It's sad," he said, his eyes looking far away, the comment not directed to anybody, "that in this country we don't have many professional sports which emphasize pure character, pure stick-to-itiveness."

Earlier that day, driving the winding country road through the oak-dotted back hills to his home, Asmuth slowly brought his car to a stop to let a covey of quail cross the road. "I usually know what I want and I strive to achieve that," he said. "I try not to let life control me; I usually try to control my life." The neighbor's dogs, snoozing in the sultry mid-morning heat, didn't even budge when Asmuth had to drive around them laying imperturbably in the middle of the street. It's almost like Huck Finn; this sandy-haired, happy young man ready to take on the world, living a carefree life in the country.

His girlfriend, Maura Champion, sized him up this way: "From the day I met him I knew he was different. He'll set a goal for himself and he'll just go for it. Nothing will stop him. He always thought of himself as being good, much better than he really was."

So far he seems to have fooled a lot of people. □

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A SPLIT AT SPLIT

The DDR women and USSR men split the winnings at the European Championships in Split, Yugoslavia. The DDR's Ute Geweniger (left) turned in the meet's most impressive swim with a world record in the 100 breast, but it was Yugoslavia's Borut Petric who'll be remembered most by the hometown fans when he upset Moscow Olympic gold medalist, Vladimir Salnikov, in the 400 free.

SPLIT, Yugoslavia—Fourteen months after an Olympics in which the home country and its neighbors gave a new definition to the phrase "gold standard," the second biggest aquatics competition on the continent—the XV European Championships—opened for a week's stay at this jewel-like coastal setting on the Adriatic Sea, Sept. 5-12.

Unlike Moscow, however, where the boycott's impact left an indelible stamp not only on the atmosphere but also on the results themselves, at Split all eligible nations were present in full force (including West Germany, which eschewed the 1980 Games) and such phrases as "happiness," "joy" and "friendly spirit of competition" were the watchwords.

The meet was just that—friendly, low-key, unpressured, a good competition for the athletes who, after all, are the ones most directly concerned. There was no residual bitterness over the boycott and everybody was there with just one expressed purpose in mind—swim fast.

This is not to say the formalities of a proper European Championship were not observed. There were anthems for the winner after every race, the raising of the national flags for the top three finishers and victory laps around the deck upon completion of the awards presentations.

As for the spirit of the competition, Split was every bit as lively as any NCAAs or U.S. Nationals, perhaps even more so. Country spellouts were the order of the day. The colorful display of national flags that waved continually throughout the evening's finals only added to the drama of what was occurring in the pool itself.

Yugoslavia has never been known as a swimming powerhouse. All that may change now, however, as a result of the magnificent Polijud Swimming Centre

aquatics complex at Split, and the exploits of two Yugoslavian brothers, Darjan and Borut Petric.

Prior to Split, the Yugoslavs' sole claim to aquatic fame was a gold medal in the 1968 Olympics by breaststroker Djurdijica Bjedov. However, here the Petric brothers showed they're not to be taken lightly any longer. Borut and Darjan finished one-three in the men's 400 meter freestyle, with Borut defeating the Olympic gold medalist from Moscow, Vladimir Salnikov, in the process, and then came in second (Borut) and fifth (Darjan) in the 1500 meter freestyle.

Especially in the 400 free, where the one-three finish by the Petrics was an unprecedented Yugoslavian feat at a major international competition, the nightly exuberance of the sellout throng of over 3,500 fans was inspiring. When the medals were presented for the men's 400 free, it took the crowd at least a good five minutes-plus to contain its enthusiasm and delight with the accomplishments of the Petric brothers.

When Borut came into the press interview room afterwards, the line of well wishers (especially attractive young ladies waiting to kiss their hometown hero) was at least 20 yards long and growing.

"What else can I say but that I am more that satisfied," Petric told the media. "It was an excellent race. I knew Salnikov would fall back the last 50 meters and my tactic was—stick with him. Darjan surprised me more than anything."

Said Darjan: "Am I really third? Someone please hit me to make sure I am not dreaming. I still can't believe it."

However, the successes of the Petrics was small in comparison to the overwhelming romps of the East German women and the Soviet Union men.

Overall, one world record (women's 100 breast by the DDR's Ute Geweniger), six European records (individual) and two relay marks (400 medley, 400 free, both by the USSR men), plus two Commonwealth ▶

Ute Geweniger (left) displays that world record smile.
(Photo by Tony Duffy)

records fell at Split, in addition to numerous national standards.

The European records went to Ines Diers (400 free), Geweniger (100 breast), Ines Geissler (200 fly), Sandor Wladar (200 back), Michael Gross (200 butterfly) and Aleksandr Sidorenko (200 individual medley). The women are all East Germans while Wladar, Olympic champion, is Hungarian. Gross is an up-and-coming West German speedster whose 1:50.64 leading off his team's 800 free relay is the fastest 200 free in the world for 1981; and Sidorenko is a Russian who won the Olympic 400 IM.

The Commonwealth marks were turned in by Great Britain's Susannah Brownsdon (100 breast) and Philip Hubble (200 fly).

Entries were limited to two per country per individual event but only one per country per relay. For the first time there were both championship and consolation finals although, rather interestingly, the consols were held *subsequent to* and not prior to the championship final (each consisting of eight swimmers). Scoring was 18-15-14-13-12-11-10-9 for the championship heat, 8-7-6-5-4-3-2-1 for the "banana" heat, and relays counted double.

When the splashing was concluded, the tally showed the DDR in first place (696 points), followed by the USSR (679) and West Germany (503). Fourth was Sweden (420), then came Great Britain (392), Italy (321), The Netherlands (267), Spain (167), Poland (149, their first top 10 appearance in years) and France (138).

Although it didn't crack the top 10, Switzerland, a nation not exactly noted for its swimming prowess, acquitted itself admirably via a 12th-place finish (81 points). Similar to the fine showing by Poland, Switzerland had its best European showing in several decades, finaling a swimmer (Etienne Dagon) in the 200 breaststroke who was not in the top 100 in the world last year, and also finaling two men's relay teams (400

medley, 400 free). Additionally, a Swiss butterflyer (Carole Brook) survived a swim-off to final in the 200 fly.

The Russians maintained their reputation as the world's No. 2 men's swimming power. Led by such veterans as Olympic gold medalists Vladimir Salnikov, Sergey Fesenko, Aleksandr Sidorenko and Robertas Zhulpa, the USSR won 10 events (200 and 1500 free, 100-200 breast, 100 fly, 200-400 IM and all three relays).

The Soviet women didn't fare nearly as well. With Olympic 200 breast gold medalist Lina Kachushite competing in the Tokyo International meet a week earlier and compatriot Svetlana Varganova (silver medalist at Moscow) no longer on the active roster, the ladies won nary a gold at Split, one less than their total from the 1977 European Championships at Jonkoepping, Sweden. There breaststroker Julia Bogdanova won the 100 breast title, a feat she would repeat a year later at the World Championships in West Berlin.

The USSR's total medal haul for women was five—three bronze and two silvers, one of which came in a relay.

Similarly, the DDR's men's program is faltering if results from Split are any measure. They won just two medals there, a silver in the men's 100 free (Joerg Woithe, Moscow gold medalist) and a bronze in the 400 medley relay.

The Flying Frauleins of Coach Wolfgang Richter, however, more than made up for the dearth of hardware on the part of their male counterparts by breezing to wins at Split in every single event, including both relays. To compound the felony, the DDR women were one-two in nine of 12 individual events, failing to sweep only the 200 backstroke and both breaststrokes.

The DDR earned additional hardware (a gold and a bronze medal) when divers Katrin Zipperling and Martina Jaeschke went one-three in platform competition. Jaeschke won the Olympic gold at Moscow. In men's diving Dieter Waskow won a bronze off the tower. He was fifth at Moscow while teammate Falk Hoffman, Olympic platform champion, opted to only dive springboard at Split and finished fourth.

Despite the absence of Moscow quadruple gold medalist Barbara Krause (retired and recently married to former DDR backstroker Lutz Wanja) and triple gold medalist Rica Reinisch (rendered *hors de combat* by a knee injury early in the year which required surgery), the DDR women were awesome.

The biggest star was SC Karl-Marx-Stadt's Ute Geweniger, who hauled in a record six medals, five of them gold. Geweniger won the 100-200 breast, 100 fly and 200 IM then added a victory in the medley to her collection. Her sole silver came in the 400 IM to teammate Petra Schneider, the Olympic champion who holds the world record.

Interestingly, Geweniger's time in two of her five individual events (200 breast, 200 IM) were slower than what she had recorded in July at the DDR Championships. There she went a world record 2:11.73 for the 200 IM; at Split she "only" turned in history's second-fastest



(Photo by Ladislav Perenyi)

Yugoslavia's Borut Petric can't believe it, but it's true. He just upset 1980's Olympic gold medalist, Vladimir Salnikov, in the 400 free.

EUROPEAN CHAMPIONSHIPS *continued*

performance, 2:12.64. In the 200 breast, she raced to a national record (and world-leading) 2:31.60 during the Nationals; at Split she won in a modest 2:32.41.

In her other three individual swims, Geweniger turned in career bests of 1:08.60 for the 100 breast (world record), 1:00.40 (100 fly) and 4:45.43 (400 IM). Her breaststroke relay split was 1:10.06.

The 100 breast record came on the meet's second day. It marked the third time in less than 18 weeks that Geweniger had shattered the world standard and the fourth time since Moscow's prelims when she initially did it with a 1:10.11.

On April 19, Geweniger clocked a 1:09.52 to break her record from the Olympics. Then at the DDR Nationals (July 2), she went 1:09.39 (along with a world record in the 200 IM two days later) and finally, 1:08.60 here.

How good is 1:08.60? Well, it's better than the men's national 100 breast record for such countries as Belgium (1:08.61), Cuba (1:09.1), Thailand (1:09.44), Turkey (1:09.59), Portugal (1:10.33), Trinidad-Tobago (1:08.64), Jamaica (1:12.40), China (1:12.56), Paraguay (1:13.25), Kenya (1:16.50) and Luxembourg (1:17.32).

Geweniger's 1:08.60 would also have placed her 24th in the men's race.

The DDR women's coach, Wolfgang Richter, said at Split that Reinisch "swam a little bit at our championships in July, but she was not at all competitive. She was very sad to see her teammates swimming so well and unable to compete herself but we are hoping she will be recovered in time for the European Cup at London this December. Certainly we expect her to be ready by the World Championships next year."

As it turned out, the DDR's Cornelia Polit (champion in the 200 back with a fast 2:12.55 clocking, a meet record and fourth on the all-time world performance and performers lists) and Ina Kleber (champion in the 100 with Polit runner-up) more than made up for Reinisch's absence.

Although the DDR women dominated the competition, there were, nevertheless, some fine swims by distaff competitors from smaller European nations.

In the 100 free, for example, unheralded Conny Van Bentum, a pert 16 year old from Holland, went 56.73 for the bronze medal. Teammate Annemarie Verstappen led off her country's sprint relay team with an even faster 56.64, just off the Dutch national record of 56.61. And Sweden's Agnetta Eriksson set a national record in the 100 free while taking fourth (56.75).

In the 200 free, Van Bentum was again a bronze medalist, only this time she set a national record by touching in 2:01.15. Eriksson won the consolation finals. Britain's Jackie Willmott set a pair of national records while winning bronzes in the 400-800 free (4:15.23-8:37.22), and it was this latter finish, just 4½ seconds off Carmela Schmidt's winning 8:32.79, which pleased the attractive brunette youngster the most.

"I was very unhappy with my time in the 400. I thought I was capable of going considerably faster, say around 4:10 or 4:11, and 8:37 tonight helps my con-

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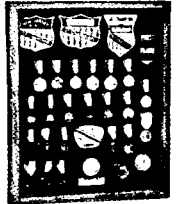
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fidence immensely. I tired a bit the last half of the race (she was down by just over 1.5 seconds at the halfway mark) but it's my best 800, so I'm pleased. They (the East Germans) aren't unbeatable, but I'm going to have to have an awfully good day to catch them," Willmott said shortly after warming down with a bevy of British reporters trailing her from the interview area almost to the women's locker room.

Belgium's Yolande van der Straten, who trained with Coach Dick Hannula's Tacoma Swim Club this year since last winter (winning the Seventeen Meet of Champions 200 back in late June) was the 200 back consols winner at Split. Her time, though, was two seconds slower than her 2:15.74 at Mission Viejo.

In the 100 breast, another Britisher, Susannah Brownsdon, set a Commonwealth-national record while coming in second (1:11.05). Third (1:11.17) was the USSR's Larisa Belokon, fresh from her international competitive debut against the United States at Kiev (where she won in 1:10.50).

In the 200 breast, Brownsdon didn't fare as well, apparently finishing second but then getting disqualified for an illegal (flutter) kick. So Belokon moved into second (2:33.07, bettering her career-best 2:33.50 from Kiev) and a surprising third was Poland's Grazyna Dzedzic (national record 2:35.95).

The 200 fly saw Poland's Agnieszka Czopek (national record 2:13.47) take third behind Geissler and Heike Dahne. Fifth was Switzerland's Carole Brook (2:14.61) who set a national record (2:14.58) while winning a swim-off to get into finals earlier in the day.

Czopek and Dzedzic were finalists in the 200 IM, too, finishing fourth (Czopek with a national record 2:19.43) and sixth (Dzedzic, 2:19.73). In the 400 IM, Czopek eased into a bronze medal off her 4:50.75 while Dzedzic went a career-best 4:53.57 to finish sixth.

Fifth in a national record 4:52.75 was Norway's Katrine Bomstad.

Romania's Carmen Bunaciu, ranked No. 1 globally in both dorsal events going into the European Championships, settled for a third and a fourth place in the 100 and 200 back. Her 1:03.34 finish was well off her national record of 1:02.19, as was her 2:16.24, compared to her national mark of 2:13.26.

Bunaciu peaked for the World University Games in her native Bucharest earlier in the summer and since then had done minimal training in preparation for college entrance exams, which came shortly before Split, according to her SC Dynamo-Bucharest coach, Cristina Sopterian.

When USSR coach Vaitsekovski predicted at least eight golds for his team at Split, he probably never figured on sweeping all three relays, or having 24-year-old Alexey Markovskiy upset Olympic gold medalist (and European record holder) Par Arvidsson in the 100 fly or having Olympic 200 free champ Sergey Kopliakov come from behind in the final 10 meters to barely win. He also probably didn't count on Yuriy Kis winning in the 100 breast, and he most certainly didn't expect his distance free ace, Salnikov, to lose to

hometown hero Borut Petric in the 400 free.

Yet that's exactly what happened in the exciting men's competition which saw the USSR flag wave constantly from atop the victory podium nightly. The men's competition opened a bit surprisingly—when Sweden's Per Johansson, Moscow bronze medalist in the 100 free

behind teammate Pelle Holmertz and DDR's Joerg Woithe, upset the field to win in 50.55. Olympic champion Woithe was next (50.81) while the USSR's Sergey Krasiuk won the bronze (50.91, just slower than his national record 50.83 from Kiev against the United States).

That was upset No. 1. Upset Nos. 2 and 3 occurred ▶

"THERE'S NO PLACE LIKE SPLIT"

SPLIT, Yugoslavia—There may be a nicer, faster and/or finer aquatics complex someplace in this big wide world of ours, but you'd have a tough time convincing the 1,100-plus competitors here (not to mention the thousands of spectators and hundreds of media representatives) that there's "anyplace else but Split."

Originally constructed for the 1979 Mediterranean Games, the Polijud Swimming Centre aquatics complex encompasses four pools, three of them indoors. The 50 meter racing tank is equal in design, construction and workmanship to any similar facility worldwide, observers agreed. Certainly there is nothing in the United States even remotely comparable (not just in terms of number of pools but the accoutrements like locker rooms, meeting rooms, storage facilities, spectator convenience and comfort, timing and scoring systems, media provisions, etc.). The cost of duplicating what Split has in America is estimated conservatively at \$25-30 million.

Additionally, there's a 50,000-seat track-soccer stadium next door to the aquatics complex whose futuristic design and unobstructed view from every seat puts the Los Angeles Coliseum, site of the 1984 Olympic track and field events, to shame.

The consensus opinion of coaches, swimmers and media representatives alike was that the facilities at Split were everything you always wanted in an aquatics complex—and more—upon the conclusion of the European Championships, Sept. 12.

"It's a very, very good, very

fast pool," said USSR head coach Sergei Vaitsekovski. "Naturally I'm partial to our Olympic pool in Moscow but this is a first-rate facility."

"The lighting is good, the blocks are great and the gutter system dissipates the waves so you don't get any rebounds. I'm impressed with the whole setup," said Norway's Arne Borgstrom, a junior at the University of Alabama.

The Split aquatics complex consists of the main 50 meter racing pool (seating 3,500 spectators and accommodating 350 media representatives), a small four-lane warmup or warmdown tank, and a pair of 33½ pools, one indoors, the other outdoors, plus seating for 1,000 fans in each. The indoor pool was used for water polo while the outdoor pool was for diving and synchro.

The racing pool ranges in depth from two meters at the shallow end to almost five meters in the deep end. A special flow-through gutter system incorporates the best features of the Munich and Moscow Olympic pools, making Split a truly outstanding competitive facility.

Timing and scoring for all four disciplines at the European Championships (swimming, diving, water polo and synchro) was handled by Swiss Timing.

Results were available in printed form no more than four to five minutes after the completion of an event, including "mini" interviews with the top three finishers. Results showed 50 splits for all races 200 meters or less in length and 100 splits (all to the hundredth of a second) for all races 400 meters or longer. Even

split differentials were printed below each split so you tell at a glance how a particular individual swam his/her race.

Additionally, the organizing committee had a computerized self-service information program available for the media covering the championships never before offered at a competition of this nature.

At the press of a button on a computer terminal (there were at least a dozen throughout the complex) a reporter could find out the latest world, European, championships and national records of participating countries, (updated daily); personal data on all competitors; past winners of European championships; cumulative lists of medal winners at Split, standings for the Nations Cups, up-to-date positions in the water polo tournament, etc.

Los Angeles Organizing Committee representative Rich Perelman, the man in charge of technical preparations for the press at the 1984 Olympics, was on hand at Split to observe the proceedings and said he was impressed with the professionalism of the organizing committee.

But when queried by reporters as to whether a similar setup would be available to those covering the L.A. Games, Perelman would give no guarantees.

Another facet of the media operations was the almost instant availability of translation services. All personnel who staffed the interview rooms at all venues were fluent in English as well as their native Serbo-Croatian and, in addition, many spoke French, Italian, German and Spanish.

—By Bill Bell



(Photo by Ladislav Perenyi)

Sandor Wladar of Hungary won two events at the European Championships, including a European record in the 200 back.

four days later. In order they were Olympic champ Bengt Baron (Sweden) not qualifying for the finals of the 100 back and Salnikov bowing to Petric in the 400 free.

Baron's demise in the 100 back was almost as surprising as the USSR's Viktor Kuznetsov taking third, for the latter had gone a 1981 world best 56.42 in leading off the medley relay. Hungary's Wladar led throughout to win at Split (56.72 over the USSR's Vladimir Shemetov's 56.75).

The stage was now set for *the* race of the meet, the men's 400 free. Salnikov, of course, is Salnikov, but Borut Petric was primed for the supreme effort of his career. After qualifying first (national record 1:52.09), but finishing fourth the previous evening in the 200 free, the pressure was on the hometown hero, and he wasn't about to disappoint the masses.

In qualifying, he and Salnikov were in the same final heat. For 300 meters, Petric led the Moscow Olympic champ and former world record holder. In fact, his splits were all faster than Salnikov's for the initial 300 (57.84-58.02, 1:57.04-1:57.58, 2:55.72-2:55.92), but at

the end it was Salnikov's 3:53.35 to Petric's 3:53.37.

Third fastest was Norway's Arne Borgstrom (who spent the summer at Mission Viejo and who attends the University of Alabama during the U.S. collegiate season) in a national record 3:55.37. A very surprising fourth was "little" Petric (younger brother Darjan) in his career-best 3:56.25.

That time represented a six second-plus drop from his previous career best of 4:02 but Darjan had vowed not to let his older brother steal the show.

And so, at 6:36 p.m. on the evening of Sept. 10, with rain pouring down outside and the noise from the 3,500 fans on the inside just slightly deafening, the starter called the finalists to the blocks.

As top qualifier, Salnikov was in his accustomed lane four. Next to him in lane five was Borut Petric and next to him in lane six was Darjan Petric.

From the start, the trio stayed together. Borut Petric, after studying the splits swum by America's Jeff Float when he went 3:51.98 against Salnikov at Kiev, opted for the strategy of "going out hard and making him swim my race. I didn't want to have to catch up with him at the end because he's got such a withering finish," Petric told this reporter after qualifying.

The first 100 for Borut was a 56.59 to Salnikov's 56.63. Darjan was right with the leaders (57.06) and the rest of the field was quickly fading. At 200 meters, Petric's lead increased slightly from four-hundredths to six-hundredths (1:55.75-1:55.81) with Darjan at 1:56.35. However, Salnikov's fluid style was somehow just not there and he seemed to be struggling with his stroke, not stretching it as he usually does.

By this time the crowd was roaring loud enough to raise the roof, and in the hot, stifling atmosphere the tension was almost unbelievable. Salnikov began moving out at the 250 mark and by 300 meters had taken the lead, 2:54.31-2:54.39. Darjan was a full second in arrears (2:55.51).

Borut Petric stayed even with Salnikov on the second to last 50 and the two touched together at 350 meters. The crowd was now just below the riot stage as Petric turned on the juice that final 50, sped away and won in a national record 3:51.63. Salnikov was second (3:51.77) while Darjan took the bronze (3:53.71).

Brothers finishing one-three in the same race—another international "first" for Split.

Borgstrom was fourth in a national record 3:54.35, Hungary's Sandor Nagy was next in a national record 3:55.86 and Great Britain's Andy Astbury (Pac-10 champ in the 500 free for Arizona State who spent the summer at Mission) went a national record 3:55.93 for sixth.

Chants of "YU-GO-SLA-VIA," "YU-GO-SLA-VIA," rocked the Poljud Swimming Centre from the moment Petric outtouched Salnikov until well after the victory ceremony and victory lap around the deck had been completed. It was a night to remember.

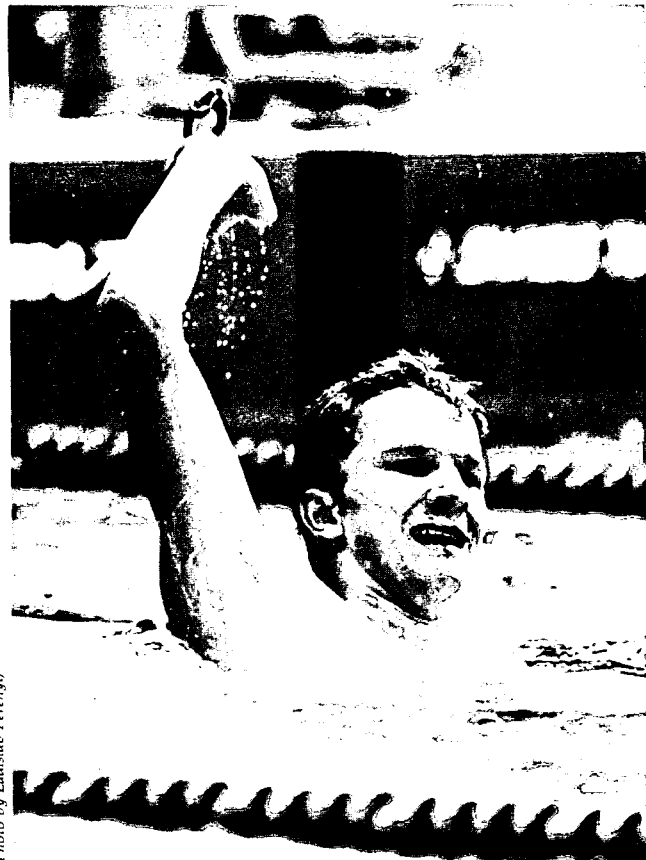
Other great swims included Markovskiy's upset win in the 100 fly (national record 54.39); Wladar's European record 2:00.80 in the 200 back (with Shemetov next in a USSR record 2:01.32); Gross' 1:59.19 Euro-

pean record in the 200 fly (somewhat compensating for his disqualification in the 100 fly for an illegal finishing touch two days earlier); Gross' world-leading 1:50.64 200 free leadoff leg on the 800 free relay (the 200 free and 100 fly were on the same day so the 16-year-old Gross opted for the fly, where he was subsequently DQed); and Italy's Giovanni Franceschi's second in the 200 IM (national record 2:04.97) and third in the 400 IM (national record 4:24.82). Second in the longer medley was Poland's Leszek Gorski (national record 4:23.62).

The USSR's Sidorenko (European record holder) won the 200 IM (European and national record 2:03.41, breaking his previous best of 2:03.46 from two years ago); and Fesenko successfully defended the 400 IM title he won four years ago at Jonkoepping with a seasonal best of 4:22.77—just off his career-best 4:22.10 from the 1980 USSR Winter Championships.

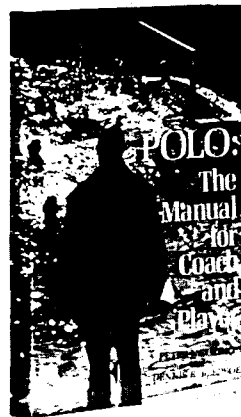
Fesenko in the longer medley and Salnikov in the 1500 free were the only repeat winners from the 1977 championships, exclusive of the DDR women's relay teams. But East Germany's winning relay teams at Split were not comprised of any of the swimmers who won at Jonkoepping.

Fesenko tried a tough double, 200 fly-200 IM, finaling in both. He took the bronze in the fly (2:00.48, just off his 1981 best of 2:00.36 in the USA dual meet) and in the IM was sixth (2:07.12). Interestingly, Fesenko lost his European record in the 200 fly (1:59.34 at London during the European Cup in August 1979) to Gross in the



(Photo by Ladislav Perenyi)

West Germany's Michael Gross set a European mark in the 200 fly.



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same race where the latter set the latest standard.

"I'm not disappointed. It's been a tough year for us," Fesenko said after the shorter medley race, alluding to the fact that he and many of his USSR national team members suffered the inevitable post-Olympic letdown of 1981.

Vaitsekovski echoed similar sentiments when he said that 1981 had been "a year of transition" for the USSR national program.

"Most of the successes we have had this year are as a result of what we did in preparation for the Moscow Olympics," the bespectacled, crew-cut USSR coach said following Salnikov's 400 free defeat. "Fesenko got married this year, Sidorenko and Salnikov competed in many, many meets and thus didn't put in great amounts of training, and we tried new approaches to our national preparation. If ever we had a year to experiment, it was this year, and we made the most of the opportunity."

Vaitsekovsky added that he was pleased with the development of Shemetov (who, besides taking silvers in both backstrokes went 1:51.8 leading off the victorious 800 free relay) and breaststroker Belokon.

"These are the people who we are counting on for Los Angeles," he said. "Salnikov, Fesenko, Sidorenko, Krasiuk . . . who knows if they will still be competitive in three years. It's too early to judge now. We are developing a new group of national team members for the next Olympics," Vaitsekovsky added with just a bit of a glint in his eyes.

On a brilliantly sunny Sunday afternoon following the completion of competition, a couple of reporters surveyed the calmness of the Polijud Swimming Centre as workmen cleaned the facilities.

In the pool where diving and synchro occurred, an impromptu meet was going on among local age groupers. After a youth "crashed" into the wall following a race, he would raise his right arm in the traditional victory pose, imitating what he had seen that week at the championships.

Following one race a youngster cruised into the wall, clenched his fist in triumph and yelled, "Salnikov! Salnikov!"

His teammates quickly corrected him, and he then shouted, "Petric! Petric! Petric!" □

EUROPEAN WATER POLO CHAMPIONSHIPS

SPLIT, Yugoslavia—From the first whistle in the USSR's opening game against Hungary here, Sept. 5, Boris Popov was not a happy man.

The coach of the Soviet Union's Olympic gold medal-winning water polo team, which also swept to victory at the II FINA Cup tournament in Long Beach last April, Popov saw his squad bow to an unheralded West German team at the XV European Championships in what has to be classified as one of the most major polo reversals in recent years.

The Soviets, unbeatable a year ago in Moscow and just five months ago at Cal State Long Beach, were but a shadow of their former selves at Split. But take nothing away from the West Germans. They played with spirit and enthusiasm and earned their first-ever championship gold medal.

West Germany's previous highest finish in the European Championships was second place in the 1931, 1934 and 1938 tournaments. Not in the last 43 years had they finished among the top three European teams, winding up sixth at the 1977 championships in Jonkoepping.

The Soviet Union was second at Split while Hungary took bronze medal honors.

West Germany earned its No. 1 ranking with wins in six of seven matches. The only time the Germans faltered was against Italy, when they settled for a 7-7 tie. But they whipped the Soviet Union, 10-7, in their toughest match and then survived a close scare by Romania (11-10) to remain unbeaten.

The Soviet Union was hurt by its opening-day tie with Hungary (8-8) plus its loss to the West Germans.

In the Germany-Soviet Union



(Photo by Tony Duff)

Spain's Manuel Estiarte was polo's top scorer.

battle, the Olympic champions got off to a quick 1-0 lead, when Vladimir Akimov rifled in a goal with only 36 seconds having been played. The score was 4-2, USSR, as the quarter ended and the Soviets appeared to be in command.

With 1:59 gone in the second quarter, the West Germans had tied the score and the crowd sensed a switch in the momentum of the contest. Two more goals made it 6-4, West Germany, with 5:26 gone in the second period.

The Russians closed to 5-6 at halftime, but a quick goal by West Germany's Hagen Stamm (his third) made it 7-5 early in the third period and that's how that quarter ended.

In the final period, Frank Otto's goal with a minute gone made the score 8-5, but the Russians came back to slice the margin to 8-7 with 3:27 played. Less than a minute later, Werner Obschernikat's goal made it 9-7 and Stamm scored his fifth goal of the game with eight seconds left to make the final score 10-7.

Spain's Manuel Estiarte, an all-tournament selection at the FINA Cup, was the meet's top scorer with a whopping 27 goals. In only his first year as a senior player on the Spanish national team, last year

Estiarte was captain of the squad which won the European junior title.

Juan Sierra Puerto, president of the Catalonian Water Polo Council, is confident the 21-year-old Estiarte will soon become one of the world's greatest water polo players.

EUROPEAN SYNCHRO CHAMPIONSHIPS

SPLIT, Yugoslavia—Carolyn Wilson was good as gold when it came to the synchronized swimming competition at the XV European Championships.

The attractive British young lady swept to victory in solo, teamed with Caroline Holmyard to win a gold in duet and helped lead Britain to the team championship.

That latter marked the second championship won by the "land of pride and glory." Britain's initial team synchro title was the 1974 championships in Vienna, the first time synchro was introduced on the program of the European Championships.

Four years ago at Jonkoepping, it was Holland winning the team gold.

Wilson scored 176.01 points to outdistance Austria's Alexandra Worisch's 167.68 for the gold in solo and said afterwards: "I am completely satisfied. I expected—I was almost sure—I would get the gold. The audience and the atmosphere were great."

Silver medalist Worisch said, "I'm so glad I got one of the medals. It was not really a surprise to me. Carolyn was perfect and she really deserves the gold."

In duet competition, Wilson and teammate Holmyard continued Great Britain's gold string as they scored a winning 171.41 points. The win marked the third time in three championships that a British pair had won the gold as Jane Holland-Jenny Lane won in 1974 and Andrea Holland-Jackie Cox repeated three years later.

"Just before entering the water we had sort of a shock and almost lost hope for the gold," Wilson said afterwards. "But as soon as we hit

XV European Championships Water Polo Box Scores

ROUND A PROGRESS

	ESP	FRG	HOL	HUN	ITA	ROM	USSR	YUG	GF	GA
Spain	-	8-12	7-7	7-7	9-9	6-7	7-10	11-8	55	60
West Ger.	12-8	-	10-7	7-4	7-7	11-10	10-7	10-6	67	49
Holland	7-7	7-10	-	2-7	11-6	5-6	7-10	8-9	47	55
Hungary	7-7	4-7	7-2	-	12-10	9-5	8-8	7-6	54	45
Italy	9-9	7-7	6-11	10-12	-	8-3	8-9	7-8	55	59
Romania	7-6	10-11	6-5	5-9	3-8	-	8-9	10-12	49	60
USSR	10-7	7-10	10-7	8-8	9-8	9-8	-	9-5	62	53
Yugoslavia	8-11	6-10	9-8	6-7	8-7	12-10	5-9	-	54	62

ROUND B PROGRESS

	BUL	FIN	GBR	POL	SUI	TCH	GF	GA
Bulgaria	-	14-3	7-4	9-8	12-4	6-6	48	25
Finland	3-14	-	5-12	6-15	4-12	0-16	18	69
G. Britain	4-7	12-5	-	11-11	8-9	5-6	40	38
Poland	8-9	15-6	11-11	-	15-7	10-10	59	43
Switz.	4-12	12-4	9-8	7-15	-	2-14	34	53
Czech.	6-6	16-0	6-5	10-10	14-2	-	52	23

the water, everything went smoothly and here it is, the gold is ours! We are overwhelmed with happiness."

Once before (1974), Great Britain swept the solo, duet and team competition. That year Jane Holland won a solo gold, then teamed with Jenny Lane to capture the duet title and both girls were part of the winning team effort.

EUROPEAN DIVING CHAMPIONSHIPS

SPLIT, Yugoslavia—Similar to the outcome of the swimming competition at the XV European Championships, the diving results turned into an intramural dual meet between the Soviet Union and East Germany.

When the competition concluded, Sept. 9, the USSR had scored victories in women's and men's springboard plus men's platform events while the DDR won the women's platform. Overall, the Russians, in addition to their golds, earned two bronze and three silver medals. The DDR took home a silver and a bronze besides their gold.

Austria, in the presence of Niki Stajkovic, who competes in America for Indiana University (he was runner-up on the one meter board at this year's NCAAs), was the only other country to earn a bronze in the three meter competition.

The USSR's Zhanna Tsirulnikova, fifth on the springboard at Moscow, climbed over such vaunted competitors as teammate Irina Kalinina and the DDR's Martina Jaeschke to triumph at Split.

Tsirulnikova's previous biggest win was at the Spring Swallow Invitational last March in Moscow when she won the springboard competition.

Jaeschke, *Swimming World's* Platform Diver of the Year for 1980 off her victory at Moscow, was runner-up on springboard at Split with Kalinina third. Kalinina was Olympic champion last year (as well as *SW's* Springboard Diver of the Year) and won both the springboard and platform titles at the last World Championships.

East Germany's Katrin Zipperling was victor in the platform competition with a 433.05 total. Earlier she was second on springboard at the Rostock International meet last March.

In men's competition, the springboard title went to the USSR's Aleksandr Portnov, who won by 25 points over teammate Sergei Kuzmin. Portnov last year won the Olympic springboard title and maintained his flawless form at Split.

On the tower, the USSR's David Ambartsumian moved up from his bronze medal placing at Moscow to capture the gold here with a 606.96-601.92 win over teammate Vladimir Aleynik. The latter was second place at Moscow. □

REFLECTIONS ON THE EUROPEAN CHAMPIONSHIPS

Largely at the instigation of the Hungarians, the first European Swimming Championships were organized in 1926 at Budapest. This summer, the 15th championships took place in Split, Yugoslavia (Sept. 7-12).

Yugoslavia has increasingly sought to make a name for itself and its nonaligned foreign policy by playing host to numerous world and European championships, as well as bidding for and acquiring the 1984 Winter Olympics. The First World Swimming Championships were held in Belgrade in 1973. Thus it is not surprising, but nevertheless nice, to be able to report that the meet was very well and professionally run, that the facilities were excellent and that the people involved were extremely polite and helpful.

The hometown crowd even had something to cheer about as Yugoslavia's Borut Petric upended the Soviet Union's much vaunted "Big Red Machine" by defeating world and Olympic champion Vladimir Salnikov in the 400 meter freestyle to win the gold medal.

Still, Borut hails from a socialist nation where the government actively and extensively promotes, supports and finances elite sport. Of the 29 swimming gold medals available in Split, swimmers from socialist nations won 27. Only Sweden and the Federal Republic of Germany (FRG) were able to break through this monopoly, which has been growing ever since Hungary won eight of 15 events in Turin in 1954. The "state amateurs" or "state professionals," depending on your ideological perspective, have established an iron grip on the European swimming scene, much as they have done in the other Olympic sports.

Chief among the East European nations has been the German Democratic Republic (DDR), which arrived in Split having won 119 medals in previous European Swimming Championships from 1954-1977 (not including diving, water polo or synchro). That represented 42.6 percent of all the swimming medals awarded from 1954-1977. When one considers that only two entrants per event per nation are allowed, and only one relay team, the DDR achievement

becomes even more impressive, with the percentage of medals won out of the total possible being 76.7 percent.

Once it became clear in the mid-1950s that Germany was not going to be reunified under a socialist regime along Soviet lines, and especially after the construction of the Berlin Wall (1961), the DDR turned the full resources of the state to the production of athletes, who could serve as public ambassadors for the diplomatic recognition of East Germany.

A state supported and financed network of coaching institutes, sports boarding schools, sports and medical research centers and sports clubs was expanded and almost no stone was left unturned in the quest to discover, develop and perfect athletic talent. The Youth Law of Feb. 8, 1950, opened the way for governmental support, which a raft of subsequent party and state decrees extended and confirmed. The result of what Canadian journalist Doug Gilbert termed the "Miracle Machine" were evident in Split. The DDR women won every single swimming event, an unprecedented exhibition of swimming power. They swept nine of 12 individual races, even without the service of the injured Rica Reinisch and the retired Barbara Krause. This topped their previous best in Vienna (1974), where they had collected 13 gold, 10 silver and two bronze.

Cynics continue to note that while the DDR sports medicine experts of the DHfK Leipzig can turn their women into the equivalents of men, they appear to have lost the formula for the men, who continue their downward plunge to the depths of swimming obscurity, a fall rivaled by only that of the Hungarians as a result of the 1956 revolution.

The DDR won 25 medals in swimming at Split, compared with 29 in Jonkoepping in 1977, 35 in Vienna in 1974 and 29 in Barcelona in 1970. The DDR men managed only two medals in Split, a second in the first event on the program, the 100 free, and a third place in the last event of the day, the medley relay.

Certainly the DDR will continue to live under a cloud of suspicion concerning its application of sports medicine to the realm of human performance until it can produce better performance in the men's division. In all fairness, it should be acknowledged that in the realm of sports medicine, that which is not expressly prohibited is allowed. The DDR certainly represents the state-of-the-art as far as the application of medical science to the world of swimming is

About the Author

Andrew Strenk, a professor of modern European history at the University of Southern California, is a former American Olympic swimmer who has competed against and subsequently observed the rise in the aquatic fortunes of the Eastern European nations since 1966. He attended the 1981 European Championships in Split, Yugoslavia, in early September.

concerned. For few other nations is success so important and crucial.

Women's swimming remains underdeveloped in most nations, even in Western Europe. Few countries offer school and university sports programs for students, especially women. Those women wishing to continue in Sweden, Britain and elsewhere have only the option of coming to the USA. This makes the DDR's task easier.

The DDR support staff claims that rising standards of living and recruiting efforts by other sports siphon off valuable talent in the DDR, leaving the men's swimming program stripped of its human resources. While certainly factors, they cannot completely explain the decline evidenced by the following table:

DDR SWIMMING MEDALS/EUROPEAN CHAMPIONSHIPS												
Year	Site	No. of Events	Men			Women			Totals			
			G	S	B	G	S	B	G	S	B	
1954	Turin	13	1	-	-	1	-	-	2	-	-	(2)
1958	Budapest	15	-	-	-	-	-	-	-	-	-	(0)
1962	Leipzig	18	1	1	4	2	1	3	3	2	7	(12)
1966	Utrecht	18	3	3	4	1	1	-	4	4	4	(12)
1970	Barcelona	29	5	3	5	9	4	3	14	7	8	(29)
1974	Vienna	29	4	4	2	13	10	2	17	14	4	(35)
1977	Jonkoepping	29	1	2	2	12	8	4	13	10	6	(29)
1981	Split	29	0	1	1	14	9	-	14	10	1	(25)

The days of Matthes, Wanja, Pyttel, Poser, Lietzmann, Flockner, Pechmann, Wiegand and others are gone. They have been replaced by the Soviets and, to a degree, by the Swedes and West Germans. The rise of the Soviets is not as sharp as it appears at first glance, and while their performance in Split was outstanding, it was not a great improvement over Utrecht, but rather a recovery after several lean years.

USSR SWIMMING MEDALS/EUROPEAN CHAMPIONSHIPS												
Year	Site	No. of Events	Men			Women			Totals			
			G	S	B	G	S	B	G	S	B	
1954	Turin	13	-	1	3	-	-	-	-	1	3	(4)
1958	Budapest	15	3	3	1	-	1	1	3	4	2	(9)
1962	Leipzig	18	4	2	-	-	-	-	4	2	-	(6)
1966	Utrecht	18	6	5	2	2	2	2	8	7	4	(19)
1970	Barcelona	29	2	2	4	3	2	2	5	4	6	(15)
1974	Vienna	29	2	4	5	-	2	2	2	4	7	(13)
1977	Jonkoepping	29	4	6	2	2	1	2	6	7	4	(17)
1981	Split	29	10	5	4	-	2	3	10	7	7	(24)

Given the dedication and intensity of the DDR, which remains with 17 million people a small nation, can the other European nations to the west of the DDR compete, especially if they are not in a position to budget as much money toward elite sport? This is something which the Swedes, for example, have refused to do. The West Germans founded their private, nongovernmental *Sporthilfe* foundation to help support athletes in their expenses, and this has been responsible for the West Germans rising and maintaining a third-place finish at the last several championships.

But how many nations are willing to match the DDR or the USSR? Few have the resources and even fewer have the need to prove their theoretical superiority, or crave the legitimacy, or thirst for the

recognition which drives so many of the socialist nations, particularly the USSR and DDR.

The addition of a consolation final at the Split meet was a very welcome addition, offering something for the smaller nations of Europe and giving their swimmers a chance to measure themselves against competition in their class. Athletic competition depends on at least of degree of equality, something which is rapidly disappearing.

Too often, swimming has become a contest not between swimmer and swimmer, but between doctor and doctor, or scientist and scientist. The socialist athlete is supported by a large staff of coaching, administrative, medical and scientific personnel who attend to his or her every need.

Such advantages are widespread and extensive privileges which the socialist nations provide their athletes. They belong to the privileged elite, in the USSR, the *nomenklatura*, and consequently, enjoy lifestyles, consumer goods, pensions, living accommodations, vacations, meals, educational opportunities and other privileges far beyond what the average worker or farmer can aspire to.

Not surprisingly, almost all information in the Soviet press on the duration of athletic training sessions, on athletes' pay scales, money prizes for good results in competition and the general financing and staffing of sports bodies remains censored material today. A trip to the West remains a tremendous motivator in societies where the foreign travel of citizens beyond the borders of ideologically friendly nations remains greatly restricted due to a fear of contamination.

The solution to the inequity wherein Eastern-bloc athletes receive state subsidies and those of the West must rely primarily on the private sector is not simple, but certainly the abolition of the archaic amateur standards would be a start. Designed for an age when gentlemen in England felt it was below them to "play" games with their social inferiors who professionalized themselves by having to work for and earn a living, these statutes serve little purpose today but to place restrictions on the ability of many Western athletes to compete on a fair and equal basis with their socialist rivals.

Is money from a government somehow clearer than that from a commercial firm? Does it come with any fewer strings attached? Propaganda or public relations and marketing—what is the difference if one is the fastest swimmer in the world?

Without some changes, the socialist nations of Eastern Europe may well find themselves competing with each other, something which they certainly cannot want, for it would deprive them of the forum to display their theoretically superior socio-economic system at its best! Until next time, may the athlete with the best doctor win! □

VARIETY IN THE DIVER'S

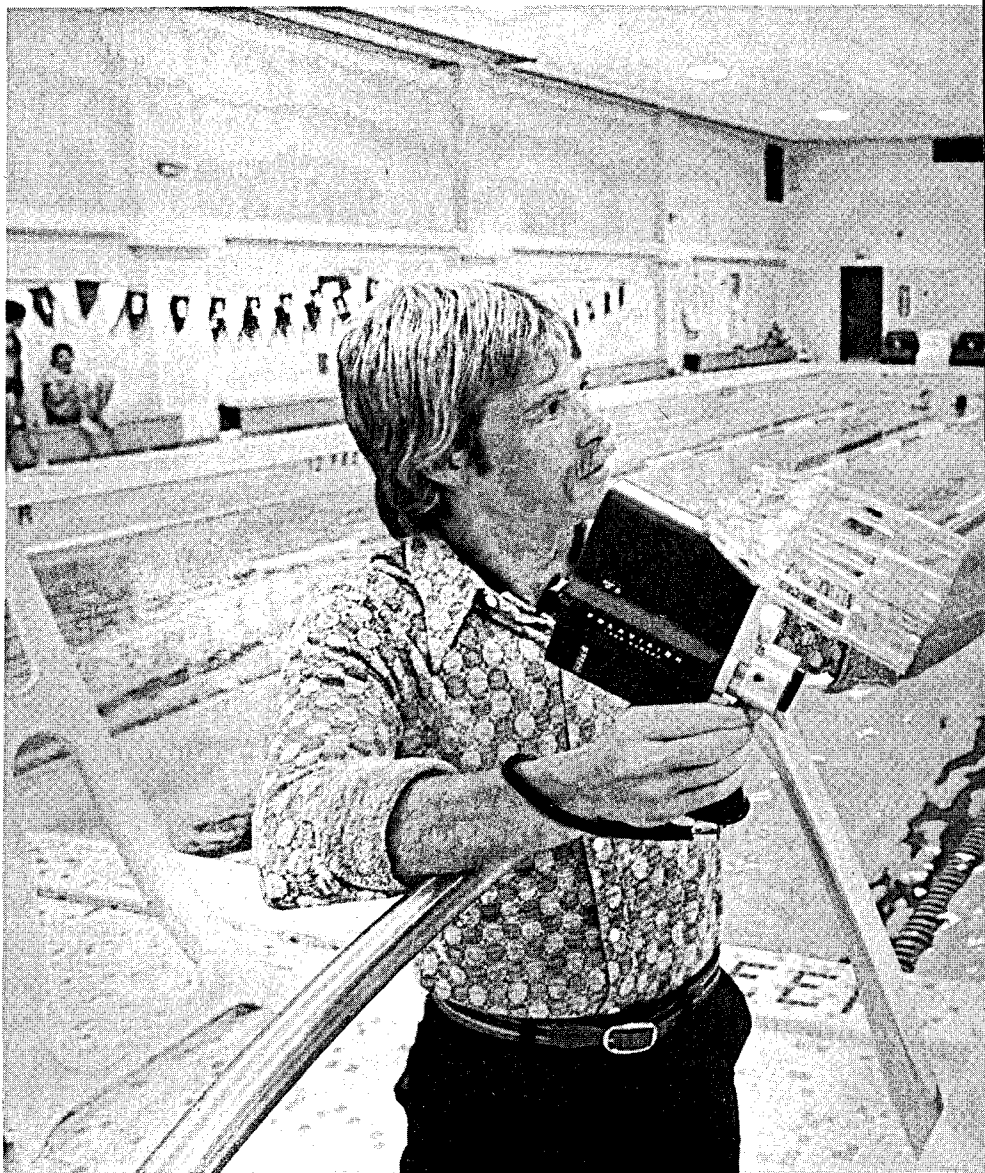
Divers and coaches: Are you stuck in a daily training rut? Are your workouts always the same? Do you always go through your dives in the same order—front, back, reverse, inward, twist? Do you always do required dives before doing optional dives? Do you always do every dive on your list twice each? Do you always do low board before you try high board? Do you ever get to try new dives with the usual daily rush to do every dive every day?

The best coaches and divers know these problems and are able to introduce some variety into the training program. These variations keep the workouts fresh, changing and exciting, and help prevent boredom and staleness. They also push the divers out of customary and comfortable sequences, forcing them to feel new sensations and to create more effective control of their movements. Some of these variations are:

Change the Standard Order—Although the standard order—front, back, reverse, inward, twist—is traditional and although it does separate out forward and backward takeoffs, this order does not have to be regarded as if it were cast in concrete.

You can do your list of dives backwards through the standard order. You can start in the middle and work toward one end then the other. You can roll dice to decide the order (1 is front, 2 is back, etc., rolling again if 6 comes up or if a category is repeated). You can pick randomly from five marked cards to determine your order for that day. Whatever the method, mix up the standard order of categories occasionally.

Requires and Optionals from Same Category—This practice pro-



ceeds by categories, whatever the order might be. The diver does the required dives then the optional dives for one category before moving to another category. For example, do all your back dives layout and then all your back 1½ somersaults tuck, and then go on to another category.

This type of practice “bunches” similar takeoffs together in the workout and may have a positive ef-

fect on the height of the optional dive. For example, the height of an inward somersault tuck may be increased if some good inward dives pike are done just before trying the somersault.

Diver Decides and Leads Workout—Most athletes have some good ideas about their own training, and coaches can tap into those ideas by occasionally letting one of the

Boston University diving coach Cal Loock uses slow-motion instant movies to coach his national champion sister Christine.

TRAINING PROGRAM

aspects, which is usually the result of limited practice time. You can explore whole systems of stretching and strengthening with your divers. Or you can isolate their weak points and prescribe specific exercises which will have positive long-term effects if done every workout or by each athlete on his or her own.

Saving Dives—This is another area not commonly taught or practiced in many programs, and could easily be added into a training program periodically. Simple tuck and pike saves can be practiced first in chest-deep water by underbalancing and overbalancing handstands in the water. Long fall-in front dives and back dives can be done off the one meter board to help the diver get the feel of the save.

Saving a dive is a phenomenon of precise skill and incredible perception. Some divers will have little success with saving dives, but many could achieve some mastery of it if practiced more regularly in their training programs.

Practice under Meet Conditions—About once or twice a month out-of-season, conduct a practice or part of a practice under simulated meet conditions. Pick a required dive, have the divers set the remaining five dives, run through everyone's dives once each and use the divers as judges (having prepared them by reviewing scoring ranges).

This procedure puts pressure on the divers because they get only one chance to do well in each dive. The divers also get exposed to the problems of judging, and this may sensitize them to the need for consistency, comparison and accuracy in officiating.

Videotaping—The use of videotape equipment can be a real motivator to many divers. It can clarify mistakes visually that are difficult to explain and comprehend verbally.

In some cases, coaches can do careful, intensive, slow-motion, stop-action analysis with the equipment; in other cases, simply videotaping part of a workout and viewing it at normal speed will suffice. The equipment has great potential for more frequent use at poolside in recording and analyzing problem dives, first attempts at new dives and competitive performance.

Individual Workouts—Usually, practices are run in groups with each diver having a short wait between dives while the others dive in turn. This pattern can be altered by working one-on-one for a shorter practice period.

For example, instead of four divers going through a two-hour workout together, each divers could be scheduled in for an intensive 30-minute personal workout with the coach. This brief workout might include a five-minute warmup and 25 minutes of good diving.

Of course, fatigue is a factor, but it's amazing how much can be accomplished with this format. Our practices and meets do tend to drag on forever, and this is one way to make our sport more time-efficient and spend less time waiting in line.

Board Work—Concentrated practice of front approaches and hurdles and of backward takeoffs (in each case, one bounce—stay on the board) is usually somewhat limited. We scramble to get our younger divers to do some stunts in the air and to get our older divers to do a full list in practice. Consequently we ignore a diving fundamental—that is, the ability to push against the diving board.

Pat McCormick, diving coach at her own sports camp in California, and Charles Smith, diving coach at Springfield College (Mass.), have both said, "Ninety percent of diving is board work." While you might argue about the exact percentage, ▶



(Photo by Jon Goell)

divers decide what the workout will be then lead the rest of the divers through it. Although some coaches may be apprehensive about doing this, they may find that the divers come up with some new and interesting patterns that are not normally used by the group.

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DIVER'S TRAINING *continued*

the statement does emphasize how important it is for the diver to be in total harmony with the diving board. Having divers do three sets of five repetitions each of front approaches and hurdles on Monday, Wednesday and Friday, then three sets of five repetitions each of backward takeoffs on Tuesday and Thursday, forces the divers to practice their board work on a frequent basis and adds 75 "pushes" to the weekly practice schedule.

Analysis of Films—There are some outstanding commercial diving films available, and we need to make more widespread use of these resources in our training programs.

The use of films of excellent divers has two potential benefits: these films can be inspirational to the divers and the use of slow-motion analysis can emphasize the intricate details of complicated dives. "See the best—be the best." We especially need to expose our young divers to the upper limits of the sport so they can begin to see what is difficult and what is possible in diving.

Variable Repetitions—Because of time limitations, divers often get locked into a pattern of low repetitions (usually 2-4 times for each dive) in every workout. Although you're not likely to get through a full list, it's good to vary that pattern from time to time.

The repetitions for a dive can be rolled by a diver with dice, resulting in anywhere from 1-6 reps or 2-12 reps for that dive. Or, the diver can stop a running digital stopwatch and do the same number of dives as the last digit when the watch is stopped, resulting in anywhere from 1-10 reps for that dive. (Note: if the last digit is 0, it counts as a 10.)

This workout plan introduces lots of variety into the workout, and has different divers doing different things at different times. The element of chance helps to keep the workout exciting (especially if you happen to draw 10 reverse 2½sl).

Problem Dives—Abandon the goal of doing a full list, and take a practice day to concentrate on a small number of problem dives. For these dives, work on takeoffs and jumps. Perform appropriate lead-

ups. Simulate the dives in shallow water and deep water. Simulate the dives as much as possible on the pool deck. Then do the dives off the board.

The goal is to have a varied, intensive workout devoted strictly to persistent problems. Problem dives tend to remain problems if they are only done 2-3 times each day within a full list. They need special attention.

One Meter and Three Meter Workouts—Some interesting patterns can be used if you are trying to work both boards every day.

Do every dive you can do twice each—a full list in one workout. Do low board first. Do high board first. Do low board only. Do high board only. Do one meter requireds first, followed by three meter optionals, then one meter optionals and finish with three meter requireds. Do one board quickly in a quality set (every dive once each), then concentrate on the other board for the rest of the workout.

Alternate boards for each dive. For example, do your front dives off the low board then off the high board before moving to another dive. Another plan is to work out twice in one day—requireds on both boards in the morning and optionals in the afternoon.

In any case, change the standard patterns and try some new variations. Your workouts off both boards may begin to complement each other as they should.

Emphasize One Category Per Day—The basic idea in this format is to go through your regular practice then finish the workout by emphasizing a particular category of dives.

This pattern fits very well with five workouts a week since a different category can be emphasized each day. For example, all back category dives could be emphasized at the end of Monday's practice, all twist category dives on Tuesday, etc. This plan must be done consistently to be effective, and it does provide extra concentrated practice in each of the five categories above and beyond the usual workouts.

New Dives—Plan a definite scheduled time during a practice,

preferably at the beginning or middle of the workout, to try new dives and appropriate lead-ups. If you wait until the end of practice, or until after the next meet, or until next spring or next summer, or until Christmas vacation, you usually just never get to the new and harder dives. Improving each diver's degree of difficulty has to be built into the training program; it rarely occurs spontaneously.

You might set up a system of "challenge dives" in which the coach could challenge the group to learn something new, or one diver could challenge the others to try a more difficult dive. Sometimes a serious game of "follow the leader" can create this challenge effect.

Although some divers prefer to operate on a "safe" level all the time, it is important that the training program "force" the divers to attempt more difficult dives periodically. Occasionally this attitude of frequently trying new dives will spread

through a group.

It's gratifying to everyone involved, for example, when divers who usually do high, safe front 1½s begin to perform front doubles, or

"Variations . . . push the divers out of customary and comfortable sequences."

when high, safe back somersaults get turned into back 1½s. Sometimes, all it takes is one success by one diver to cause a whole group of divers to try dives they had once decided were impossible.

Concluding Remarks—It's important to recognize that the primary basis of the diver's training program is a full list of dives. The point of this article is simply to suggest some occasional variations that can be used from time to time to break the

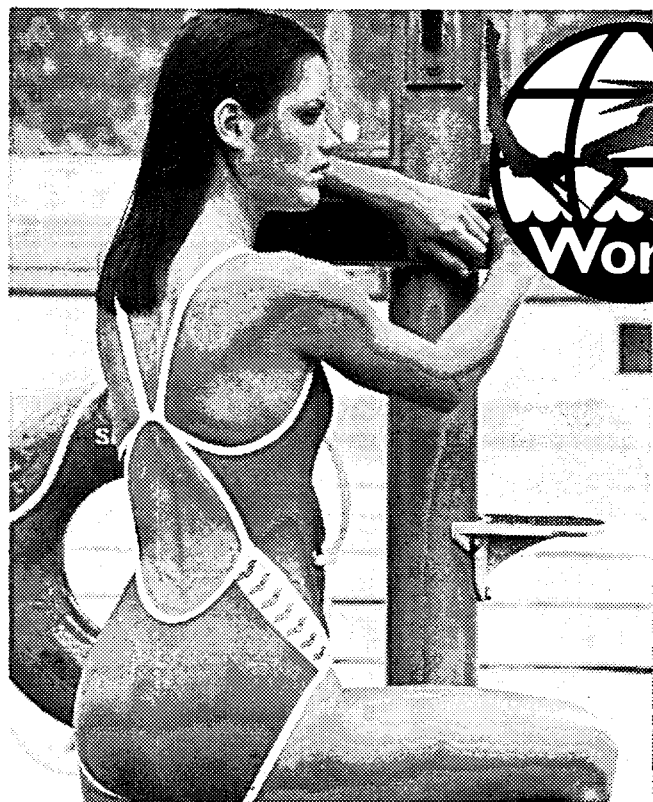
monotony of always doing that same full list in every practice. In other words, the variations are designed to supplement the standard training program, not to replace it with workouts that are increasingly weird and bizarre.

Another caution is that some divers are safe and comfortable in their same old daily routines. They may resist or resent more variety in their training programs. On the other hand, many coaches and divers are already using, or would welcome the use of, some of the variations mentioned in this article.

No one single method works for everyone. Because people learn in different ways and at different speeds, we need to design training programs that will cause learning to happen in different and better ways and at different and faster speeds. □

About the Author

Dr. Joseph E. McEvoy is the swimming and diving coach at Dickinson College in Carlisle, Pa.

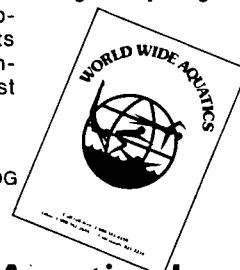


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"BACK TO GRASS ROOTS"

SNOWBIRD, Utah—"Back to Grass Roots" was the unofficial theme of the second annual United States Aquatic Sports Convention held here Sept. 28-Oct. 4. An estimated 800 delegates representing three aquatic disciplines—swimming, diving and synchronized swimming—gathered in this Wasatch Mountain resort to discuss and adopt a plan of action for the upcoming year. Masters swimming held meetings here as well, but U.S. Water Polo was absent due to the beginning of the polo season.

A key word used throughout the week of meetings and sessions was "local." In the search to broaden support for aquatic sports, the potential of the local organizing committees for swimming (LSC), diving (LDC) and synchronized swimming (LSSC) is being newly recognized and tapped. This move to reaffirm the basic aquatic foundations is best exemplified by a newly-signed sponsorship agreement with McDonald's Corp. for the support of the United States Swimming Age Group/Junior Olympic program.

The \$155,000 pledged to USS by McDonald's for the upcoming year is just part of an overall commitment to the development of Olympic sports through 1984. But beyond the financial aspect of the agreement, the promise of far-reaching promotion through McDonald's, particularly at the local level, will hopefully reap the reward of an expanded awareness of aquatics by the general public.

The public's lack of awareness, in the light of the 1980 "Olympic Decision," is where aquatic sports were hurt the most. And promotion, as anyone who owns a television knows, is what McDonald's does best. Ross Wales, president of USS, concisely described the partnership

with the familiar slogan: "Nobody can do it like McDonald's can."

In accordance with the age group/JO sponsorship, a rule was passed that each of the four zones (East, West, Central and South) would hold a Junior Olympic Championship to be specified as the McDonald's-sponsored JO competition. A total of \$40,000 will go directly to funding each of the four zone championships, but the zones remain free to hold additional age group championships under their own funding programs.

In other action taken by the age group governing section, the recommendation was made and passed to split the Junior National Championships into an East/West format. The decision came as an alternate to a proposal for a third national competition, a Youth Nationals, which was aimed at giving younger swimmers exposure to national competition. Research into the average age of senior and junior national participants has shown that swimmers tend to stay within the ranks longer, leaving fewer spaces for developing the youngsters.

An implementation committee was selected to study the possibilities of beginning the dual meet format as early as this year. The committee met at the national office in mid-October. Site selection and time standards were determined at that time.

At the national/international level, Phillips Petroleum and Arena both pledged to continue their sponsorships of U.S. Swimming. McDonald's committed additional monies for the sponsorship of the World Championship Trials and unveiled a tentative plan to make the 1983 USA-USSR competition a tri-meet with the East Germans as well. The hope is that the meet could take place in the Olympic

pool being built through McDonald's funding at the University of Southern California.

Senior National time standards were rolled back in a half-dozen events upon the recommendation of the time standards committee. The rollback was suggested for those events in which the standards had not changed in several years and are still not being met by enough swimmers to fill the apportioned number of heats. The cut-off for achieving the standards for short course will be Jan. 1 of the previous year. The cut-off date for long-course times is June 1 of the previous year.

The use of dual standards—using short course times for long course, and vice versa—will remain in effect for Senior Nationals but, in new action taken at Snowbird, double seeding will now be done at the Nationals. In this way, the swimmers who actually made the course times will be seeded first, and swimmers using dual, or converted, standards will be seeded next.

In a move to stabilize, it was decided to retain the rules and regulations passed here for two successive years, although the actual code book will still be printed annually. Membership fees to USS will remain at \$3.25, despite the addition of individual accident insurance which is a new and valuable benefit for USS members.

The final day of the convention was reserved for the Aquatic Awards Luncheon, during which a light snowfall began. The USAS award was presented to Robert H. Helmick for outstanding contributions to the advancement of swimming. It seems fitting that this award went to a man who is now the United States representative to FINA, but at one time was just a "local" himself, competing in water polo. □

WESTERN SWIMMER NOVEMBER 1981

1981 HIND-WELLS INVITATIONAL
San Luis Obispo, Calif.
July 3-5, 1981 50 M. pool

BOYS

15-18

(Continued from last month)

100 M BACKSTROKE

Hector Chao, TAN 1:04.64
Brian Coffin, FLINT 1:05.59
Mike Miller, RAA 1:05.80

100 M BREASTSTROKE

Tim P. Downey, SBSA 1:10.53
Terry Dixon, SCAT 1:10.96
James Corbeau, SCAT 1:11.77

200 M BREASTSTROKE

Tim P. Downey, SBSA 2:34.05
Glenn Ringer, SLOSH 2:40.36
Mile Miller, RAA 2:42.59

100 M BUTTERFLY

Mile Miller, RAA 1:00.84
Jeff Scott, RAA 1:01.61
Terry Dixon, SCAT 1:02.72

200 M BUTTERFLY

Mile Miller, RAA 2:15.02
Jeff Scott, RAA 2:15.45
Hector Chao, TAN 2:21.33

200 M INDIVIDUAL MEDLEY

Mile Miller, RAA 2:14.70
Tim P. Downey, SBSA 2:19.41
Alexander C. Miawsky, RAA 2:19.41

Open

50 M FREESTYLE

Alexander C. Miawsky, RAA 25.89
Eric Geerts, SBSA 26.08
Mike Messersmith, RAA 26.10

400 M FREESTYLE

Alexander C. Miawsky, RAA 4:12.76
Ernie Duran, CLOV 4:13.01
Mile Miller, RAA 4:17.92

1500 M FREESTYLE

Alexander C. Miawsky, RAA 16:38.99
Ernie Duran, CLOV 17:00.12
Doug Birchall, CLOV 17:03.10

400 M INDIVIDUAL MEDLEY

Tim P. Downey, SBSA 4:48.25
Mile Miller, RAA 4:49.08
James Carter, CLOV 4:52.65

SOUTHBAY WAVES

C MEET

Hawthorne, Calif.

July 25-26, 1981

25 Yd. Pool

GIRLS

5-6

25 YD FREESTYLE

H. Ballard, SWAT 17.00
S. Simmons, PALLY 21.17
E. Martinez, SOGATE 21.80

25 YD BACKSTROKE

H. Ballard, SWAT 23.50
E. Martinez, SOGATE 26.62
S. Simmons, PALLY 29.34

25 YD BREASTSTROKE

H. Ballard, SWAT 23.64
25 YD BUTTERFLY
H. Ballard, SWAT 20.60
S. Maltz, Unat. 33.43

7-8

100 YD FREESTYLE

S. Davenport, LACASA 1:22.82
S. Twidwell, SPPY 1:23.44
Y. Tristan, SOGATE 1:24.15

25 YD BACKSTROKE

S. Martin, Unat. 21.70
E. Kovner, PALLY 22.71
Y. Tristan, SOGATE 22.90

50 YD BREASTSTROKE

S. Twidwell, SPPY 52.36
L. Nanus, Unat. 56.46

S. Martin, Unat. 56.77

25 YD BUTTERFLY

E. Kovner, PALLY 20.19
C. Fish, TRIVAL 22.05

50 YD BUTTERFLY

E. Kovner, PALLY 53.24
C. Fish, TRIVAL 54.79
S. Gardner, TRIVAL 55.55

9-10

100 YD FREESTYLE

A. Bajpai, PALLY 1:19.86
C. Proctor, TANDEM 1:25.52
J. Gebhart, SPPY 1:27.67

50 YD BREASTSTROKE

A. Bajpai, PALLY 48.14
C. Garrahan, BURY 48.59
E. Kerlin, PALLY 49.32

50 YD BUTTERFLY

J. Gebhart, SPPY 39.95
C. Garrahan, BURY 41.71

100 YD INDIVIDUAL MEDLEY

A. Bajpai, PALLY 1:32.30
E. Kerlin, PALLY 1:33.47
R. Hoover, MARLINS 1:40.39

11-12

100 YD FREESTYLE

K. Salenger, PALLY 1:06.55
J. Bower, PALLY 1:09.60
L. Fleischer, IHAC 1:11.73

50 YD BACKSTROKE

K. Salenger, PALLY 38.77
C. Huante, SEMA 39.75
J. Bower, PALLY 40.40

100 YD BREASTSTROKE

P. Mitchell, SOGATE 1:24.04
J. Bower, PALLY 1:24.48
C. Huante, SEMA 1:30.68

50 YD BUTTERFLY

K. Salenger, PALLY 36.56
J. Bower, PALLY 36.68
M. Crittendon, SBAY 37.59

100 YD INDIVIDUAL MEDLEY

J. Bower, PALLY 1:17.18
K. Salenger, PALLY 1:17.86
C. Huante, SEMA 1:24.61

200 YD INDIVIDUAL MEDLEY

K. Salenger, PALLY 2:53.02
D. Braun, DDSC 2:53.25
M. Crittendon, SBAY 3:02.46

13-14

50 YD FREESTYLE

L. Peterson, Unat. 28.34
A. Wade, MARLINS 31.29
M. Lizarraga, SOGATE 31.43

200 YD FREESTYLE

L. Myers, IHAC 2:18.67
V. Herrera, ATLANTIS 2:19.38
L. Peterson, Unat. 2:20.34

50 YD BACKSTROKE

V. Herrera, ATLANTIS 35.27
M. Lazarraga, SOGATE 36.46

100 YD BREASTSTROKE

M. Lazarraga, SOGATE 1:29.59
S. Abrahms, Unat. 1:30.12
K. Commagere, TANDEM 1:32.81

50 YD BUTTERFLY

L. Peterson, Unat. 32.46
M. Lazarraga, SOGATE 34.43
M. Commagere, TANDEM 37.50

100 YD INDIVIDUAL MEDLEY

M. Lazarraga, SOGATE 1:17.68
L. Myers, IHAC 1:18.17
M. George, TANDEM 1:22.59

200 YD INDIVIDUAL MEDLEY

V. Herrera, ATLANTIS 2:43.28
M. Lazarraga, SOGATE 2:45.32
L. Myers, IHAC 2:46.77

15 and over

50 YD FREESTYLE

E. Esparza, SEMA 30.87
R. Herrera, ATLANTIS 31.79
E. Contreras, SEMA 33.73

200 YD FREESTYLE

M. Walter, SBAY 2:24.57
T. Gardner, TRIVAL 2:33.48
E. Esparza, SEMA 2:33.91

50 YD BACKSTROKE

E. Esparza, SEMA 41.52

T. Gardner, TRIVAL 41.53

R. Herrera, ATLANTIS 41.88

100 YD BREASTSTROKE

E. Esparza, SEMA 1:25.96
R. Herrera, ATLANTIS 1:31.02
T. Gardner, TRIVAL 1:31.80

50 YD BUTTERFLY

T. Gardner, TRIVAL 36.14
E. Contreras, SEMA 37.51
R. Herrera, ATLANTIS 38.47

100 YD INDIVIDUAL MEDLEY

T. Gardner, TRIVAL 36.14
E. Contreras, SEMA 37.51
R. Herrera, ATLANTIS 38.47

100 YD INDIVIDUAL MEDLEY

T. Gardner, TRIVAL 1:21.33
R. Herrera, ATLANTIS 1:22.05
E. Contreras, SEMA 1:23.84

BOYS

5-6

25 YD FREESTYLE

M. Weitz, WSC 19.49
M. Williams, MARLINS 20.11
G. Bueno, Unat. 20.23

25 YD BACKSTROKE

M. Weitz, WSC 24.51
M. Williams, MARLINS 27.98
G. Bueno, Unat. 28.72

25 YD BREASTSTROKE

M. Weitz, WSC 23.37
M. Williams, MARLINS 27.19
G. Bueno, Unat. 28.32

25 YD BUTTERFLY

M. Weitz, WSC 21.35
G. Bueno, Unat. 25.56

7-8

100 YD FREESTYLE

M. Martinez, SOGATE 1:32.81
N. Nichols, IHAC 1:42.12
A. Huante, SEMA 1:49.85

25 YD BACKSTROKE

F. Rathman, HHAC 24.00
L. Woo, MARLINS 26.30
S. Saunders, TANDEM 26.37

50 YD BREASTSTROKE

B. Saunders, TANDEM 1:07.14
A. Huante, SEMA 1:09.56

25 YD BUTTERFLY

N. Nichols, IHAC 22.45
F. Rathman, HHAC 23.89
M. Martinez, SOGATE 24.55

50 YD BUTTERFLY

F. Rathman, HHAC 52.69
N. Nichols, IHAC 53.59

9-10

100 YD FREESTYLE

R. Simpson, Unat. 1:16.94
G. Salcedo, SOGATE 1:17.88
S. Russell, HHAC 1:23.13

50 YD BREASTSTROKE

R. Simpson, Unat. 44.63
B. Fish, TRIVAL 45.09
F. Simmons, PALLY 45.49

50 YD BUTTERFLY

F. Simmons, PALLY 42.84
B. Fish, TRIVAL 43.09
G. Salcedo, SOGATE 44.57

100 YD INDIVIDUAL MEDLEY

R. Simpson, Unat. 1:31.90
B. Fish, TRIVAL 1:31.91
N. Alegre, SEMA 1:35.27

11-12

100 YD FREESTYLE

D. Lachman, PALLY 1:05.79
P. O'Campo, IHAC 1:06.37
F. Myers Jr., IHAC 1:10.46

50 YD BACKSTROKE

F. Myers Jr., IHAC 39.42
P. O'Campo, IHAC 39.66

100 YD BREASTSTROKE

P. Shumake, TRIVAL 1:30.41
S. Roblin, TANDEM 1:35.64
A. Kling, PALLY 1:35.91

50 YD BUTTERFLY

P. O'Campo, IHAC 37.70

F. Myers Jr., IHAC 37.80

P. Shumake, TRIVAL 38.83

100 YD INDIVIDUAL MEDLEY

D. Lachman, PALLY 1:24.31
F. Myers Jr., IHAC 1:24.46
J. Capwell, TRIVAL 1:25.22

200 YD INDIVIDUAL MEDLEY

F. Myers Jr., IHAC 2:59.37
P. Shumake, TRIVAL 2:59.53

13-14

50 YD FREESTYLE

T. Gardner, TRIVAL 27.96
M. Salazar, SEMA 29.81
D. Horusicky, PALLY 31.96

200 YD FREESTYLE

B. Stokes, WSC 2:16.28
T. Gardner, TRIVAL 2:17.32
F. Kaufman, TANDEM 2:21.08

50 YD BACKSTROKE

T. Gardner, TRIVAL 35.17
B. Stokes, WSC 36.58
M. Salazar, SEMA 37.00

100 YD BREASTSTROKE

R. Kolstad, ATLANTIS 1:19.11
D. Horusicky, PALLY 1:20.23
B. Stokes, WSC 1:25.52

50 YD BUTTERFLY

T. Gardner, TRIVAL 32.59
R. Kaufman, TANDEM 34.88
F. Aranda, SBAY 37.72

100 YD INDIVIDUAL MEDLEY

M. Salazar, SEMA 1:12.47
B. Stokes, WSC 1:14.77
P. Kaufman, TANDEM 1:17.68

200 YD INDIVIDUAL MEDLEY

S. McKinley, IHAC 2:50.38

15 and over

50 YD FREESTYLE

R. Monroy, SOGATE 26.20

200 YD FREESTYLE

R. Monroy, SOGATE 2:09.43
M. Gonzalez, SOGATE 2:14.09

50 YD BACKSTROKE

M. Gonzalez, SOGATE 32.16

100 YD BREASTSTROKE

R. Monroy, SOGATE 1:19.77

50 YD BUTTERFLY

R. Monroy, SOGATE 29.81
M. Gonzalez, SOGATE 29.94

100 YD INDIVIDUAL MEDLEY

M. Gonzalez, SOGATE 1:06.53
R. Monroy, SOGATE 1:07.90

200 YD INDIVIDUAL MEDLEY

R. Monroy, SOGATE 2:32.62
A. Brent, ATLANTIS 2:41.23

1981 EAST BAY SWIM LEAGUE CHAMPIONSHIPS
Hayward, Calif.
Aug. 8, 1981 25 Yd. Pool

GIRLS

6 and under

25 YD FREESTYLE

Nikki Rogers, SL 19.58
Becky Toussaint, WM 20.47
M. Cronk, C 26.27

8 and under

25 YD FREESTYLE

Darleen Louis, WM 16.86
Jennifer Miller, SG 16.93
Coleen Cady, WM 17.34

25 YD BACKSTROKE

Darleen Louis, WM 21.81
Jennifer Miller, SG 22.37
Cherilyn Hepler, T 22.43

25 YD BREASTSTROKE

Darleen Louis, WM 21.21
Evoone Garlock, T 24.14
Heather Romney, T 24.25

Western Swimmer Continued

25 YD BUTTERFLY
 Jennifer Miller, SG 20.07
 Coleen Cady, WM 21.36
 Tracy Sponsel, WM 21.47

9-10
25 YD FREESTYLE
 Nicole Martin, H 15.37
 Stacy Shoemaker, T 15.67
 Debbie Wright, T 15.69
25 YD BACKSTROKE
 Kim Lewis, H 19.68
 Annette Engen, C 19.70
 Debbie Wright, T 20.61
25 YD BREASTSTROKE
 Lori Schroer, SG 19.29
 Stacy Shoemaker, T 19.68
 Margaret McCarthy, SL 20.10
25 YD BUTTERFLY
 Kathy Pethan, C 16.96
 Nicole Martin, H 17.06
 Jackie Brown, SL 18.01

11-12
50 YD FREESTYLE
 Vikki VanHatten, C 29.21
 Angela Nagrammada, SL 29.37
 Angela nagramada, SL 29.37
 Nora Lynch, H 29.85
50 YD BACKSTROKE
 Michelle Hirschman, T 36.56
 Jennifer Lewis, T 38.13
 Kristen Tucker, SL 38.36
50 YD BREASTSTROKE
 Milee Sawasaki, T 38.12
 Angela Nagrammada, SL 38.56
 Jenny Tremewan, H 39.27
50 YD BUTTERFLY
 Milee Sawasaki, T 32.43
 Nora Lynch, H 34.09
 Vikki VanHatten, C 34.50
100 YD INDIVIDUAL MEDLEY
 Milee Sawasaki, T 1:14.80
 Angela Nagrammada, SL 1:16.06
 Nora Lynch, H 1:20.62

13-14
50 YD FREESTYLE
 Tracy Lynch, WM 28.14
 Chris Singer, SG 28.31
 Rochelle Myers, SG 28.68
50 YD BACKSTROKE
 Tracy Lynch, WM 32.62
 Chris Singer, SG 33.37
 Lynn Johns, WM 34.89
50 YD BREASTSTROKE
 Amy McFarlane, WM 32.62
 Chris Singer, SG 33.37
 Lynne Johns, WM 34.89
50 YD BREASTSTROKE
 Amy McFarlane, SL 34.71
 Paul Petersen, SG 37.91
 Karen Wuelfing, T 37.93
50 YD BUTTERFLY
 Amy McFarlane, SL 31.65
 Lynne Johns, WM 32.62
 Lisa Lombardi, WM 33.14
100 YD INDIVIDUAL MEDLEY
 Amy McFarlane, SL 1:09.77
 Tracy Lynch, WM 1:12.80
 Chris Singer, SG 1:13.34

15-18
50 YD FREESTYLE
 Micki Beckert, SL 27.38
 Kathy Henderson, C 28.97
 Robin Clayton, H 29.39
50 YD BACKSTROKE
 Micki Beckert, SL 32.67
 Robin Clayton, H 35.27
 Jenny Bowlin, SG 35.37
50 YD BREASTSTROKE
 Karyn Chun, SL 36.09
 Kathy Henderson, C 36.67
 Julie Radecke, T 36.98
50 YD BUTTERFLY
 Julie Radecke, T 30.88
 Candy Young, T 32.58
 Anne Kittilstad, SG 32.83
100 YD INDIVIDUAL MEDLEY
 Micki Beckert, SL 1:10.28
 Kathy Henderson, C 1:12.55
 Doreen Willes, T 1:17.21

BOYS
6 and under
25 YD FREESTYLE
 Adam Broke, SL 22.42
 Shannon Mohaffey, SL 24.62
 Erik Alberts, SL 24.73

8 and under
25 YD FREESTYLE
 Bret Tremewan, H 16.01
 Lance Unger, SL 16.37
 Todd Hoffman, H 16.80
25 YD BACKSTROKE
 Lance Unger, SL 20.44
 Joel Wainwright, SG 20.47
 David Basch, WM 20.72
25 YD BREASTSTROKE
 Michael Young, WM 21.86
 Jay Sakamoto, H 22.84
 Kevin Lydon, H 23.58
25 YD BUTTERFLY
 Lance Unger, SL 19.17
 Michael Young, WM 19.79
 Bret Tremewan, H 19.86

9-10
25 YD FREESTYLE
 Kenny Howard, SG 14.19
 Austin Sherwood, C 14.45
 Scott Rasmussen, WM 14.84
25 YD BACKSTROKE
 Austin Sherwood, C 17.63
 Matt Atkinson, C 19.06
 Scott Rasmussen, WM 19.67
25 YD BREASTSTROKE
 Kenny Howard, SG 18.55
 Jay Montoya, H 18.89
 Joey Wuelfing, T 20.56
25 YD BUTTERFLY
 Kenny Howard, SG 15.90
 Pat Tetsall, C 17.46
 Austin Sherwood, C 17.55

11-12
50 YD FREESTYLE
 Roger Castillo, T 28.78
 Greg Promes, C 29.15
 Mike McKeon, H 29.62
50 YD BACKSTROKE
 Tim Rosefield, SL 34.06
 Doug Fisher, SG 34.77
 Roger Castillo, T 37.08
50 YD BREASTSTROKE
 Jon Quaid, SG 38.61
 Roger Castillo, T 39.09
 Jeff Gavazza, SL 39.37
50 YD BUTTERFLY
 Doug Fisher, SG 32.10
 Tim Rosefield, SL 32.19
 Jon Quaid, SG 33.58
100 YD INDIVIDUAL MEDLEY
 Tim Rosefield, SL 1:13.34
 Jon Quaid, SG 1:15.18
 Doug Fisher, SG 1:16.08

13-14
50 YD FREESTYLE
 Mike Basch, WM 25.19
 James Ward, C 25.63
 Tim Snider, C 26.47
50 YD BACKSTROKE
 James Ward, C 31.41
 Steve Aubel, SG 32.94
 Mike Singer, SG 33.40
50 YD BREASTSTROKE
 Just Joplin, T 33.59
 Mike Basch, WM 34.10
 Brian McDonagh, SL 34.12
50 YD BUTTERFLY
 Barry Hutton, SL 29.03
 Mike Singer, SG 29.13
 Mark Deadder, C 29.15
100 YD INDIVIDUAL MEDLEY
 Mike Basch, WM 1:07.25
 James Ward, C 1:07.33
 Tom Crockett, H 1:08.50

15-18
50 YD FREESTYLE
 Pierre Brantome, SG 24.21
 Ed Kohler, T 24.44
 Steve Billmore, SG 24.49
50 YD BACKSTROKE
 Richard Saint, K 28.87

Scott Cruger, SL 28.95
 Mark Will, SG 28.96
50 YD BREASTSTROKE
 Steve Billmore, SG 30.65
 Mark Hooks, SL 30.83
 Jeff Clark, T 31.08
50 YD BUTTERFLY
 Mark Will, SG 25.11
 Scott Kruger, SL 26.35
 Pierre Brantome, SG 27.01
100 YD INDIVIDUAL MEDLEY
 Mark Will, SG 1:00.98
 Paul Mangold, SL 1:01.38
 Don Salaiz, T 1:01.85

**3rd ANNUAL CLASS
 LABOR DAY INVITATIONAL
 Simi Valley, Calif.
 Sept. 5-7, 1981**

25 Yd. Pool

**A DIVISION
 GIRLS**

7-8
50 YD FREESTYLE
 S. Rosenthal, SANDPIPE 30.46
 C. Wilke, SBAA 32.31
 T. Badillo, HHAC 33.17
100 YD FREESTYLE
 S. Rosenthal, SANDPIPE 1:07.03
 C. Wilke, SBAA 1:12.31
 T. Badillo, HHAC 1:12.54
50 YD BACKSTROKE
 S. Rosenthal, SANDPIPE 36.29
 J. Kracik, STOP 41.00
 C. Wilke, SBAA 41.63
50 YD BREASTSTROKE
 S. Rosenthal, SANDPIPE 39.88
 C. Wilke, SBAA 42.54
 T. Badillo, HHAC 43.02
50 YD BUTTERFLY
 S. Rosenthal, SANDPIPE 32.98
 T. Badillo, HHAC 34.99
 I. Smihula, COTUNA 35.23
100 YD INDIVIDUAL MEDLEY
 S. Rosenthal, SANDPIPE 1:18.22
 T. Badillo, HHAC 1:20.86
 I. Smihula, COTUNA 1:24.15

9-10
50 YD FREESTYLE
 D. Coate, NOVAS 28.50
 J. Rimmer, IHAC 29.15
 K. Jackson, WALNUT 29.33
100 YD FREESTYLE
 D. Coate, NOVAS 1:01.67
 A. Wattles, Unat. 1:01.67
 J. Rimmer, IHAC 1:05.95
200 YD FREESTYLE
 D. Coate, NOVAS 2:11.67
 J. Rimmer, IHAC 2:18.69
 M. Miller, RAA 2:20.20
50 YD BACKSTROKE
 D. Coate, NOVAS 33.81
 A. Wattles, Unat. 35.18
 J. Rimmer, IHAC 35.81
100 YD BACKSTROKE
 D. Coate, NOVAS 36.54
 N. Hall, Unat. 38.07
 M. Miller, RAA 39.58
100 YD BREASTSTROKE
 D. Coate, NOVAS 1:19.22
 N. Hall, Unat. 1:23.24
 J. Rimmer, IHAC 1:26.54
50 YD BUTTERFLY
 D. Coate, NOVAS 32.20
 H. Watson, Unat. 32.49
 V. Downs, RIALTO 32.73
100 YD BUTTERFLY
 D. Coate, NOVAS 1:12.09
 M. Hlinka, SVST 1:13.41
 J. Rimmer, IHAC 1:14.97
200 YD INDIVIDUAL MEDLEY
 D. Coate, NOVAS 2:31.28
 A. Wattles, Unat. 2:41.16
 J. Rimmer, IHAC 2:45.63

11-12
50 YD FREESTYLE
 L. Freeman, Unat. 26.14
 P. Mitchell, SOGATE 26.80JD
 M. Robinson, PVST 26.74JD
100 YD FREESTYLE
 L. Freeman, Unat. 57.26
 L. Daland, SVST 57.85
 A. Reetz, CYPRESS 59.51
200 YD FREESTYLE
 L. Daland, SVST 2:01.89
 A. Reetz, CYPRESS 2:06.13
 T. Montoya, RAA 2:06.95
50 YD BACKSTROKE
 D. Wilbourn, BARSTOW 32.72
 K. Breslaw, SVST 35.63
 M. Robinson, PVST 36.49
100 YD BREASTSTROKE
 D. Koehler, SVST 1:17.21
 L. Daland, SVST 1:17.38JD
 D. Wilbourn, BARSTOW 1:17.33JD
50 YD BUTTERFLY
 H. Higdon, CORONADO 29.19
 L. Myers, SWAT 30.18JD
 J. Hedrick, OXNARD 30.08JD
100 YD BUTTERFLY
 H. Higdon, CORONADO 1:03.73
 K. Ogden, SVST 1:06.22
 T. Jimenez, SBAA 1:06.63
100 YD INDIVIDUAL MEDLEY
 L. Daland, SVST 1:07.69
 E. Reetz, CYPRESS 1:08.59JD
 D. Wilbourn, BARSTOW 1:08.40JD
200 YD INDIVIDUAL MEDLEY
 L. Daland, SVST 2:21.36
 E. Reetz, CYPRESS 2:26.50
 H. Higdon, CORONADO 2:27.68

13-14
50 YD FREESTYLE
 L. White, Unat. 25.42
 S. Brisco, Unat. 25.63
 L. Chang, GLENY 26.15
100 YD FREESTYLE
 L. White, Unat. 55.15
 S. Brisco, Unat. 56.60
 K. Lambert, CANYONS 57.27
200 YD FREESTYLE
 K. Lambert, CANYONS 2:01.54
 C. Morrison, OXNARD 2:02.45
 M. Stolarz, Unat. 2:03.85
100 YD BACKSTROKE
 J. Naboa, Unat. 1:04.21
 C. Morrison, OXNARD 1:07.22
 S. Brisco, Unat. 1:07.88
200 YD BACKSTROKE
 J. Naboa, Unat. 2:17.81
 M. Stolarz, Unat. 2:23.77
 C. Johnson, FAST 2:24.45
100 YD BREASTSTROKE
 L. Chang, GLENY 1:11.04
 C. Wheelock, PENN 1:11.12
 L. White, Unat. 1:13.74
200 YD BREASTSTROKE
 L. Chang, GLENY 2:35.66
 L. White, Unat. 2:37.03
 C. Wheelock, PENN 2:38.75
100 YD BUTTERFLY
 M. Stolarz, Unat. 1:02.04
 C. Croft, FAST 1:02.11
 L. White, Unat. 1:02.55
200 YD BUTTERFLY
 M. Stolarz, Unat. 2:14.68
 C. Croft, FAST 2:20.76
 L. Chang, GLENY 2:23.86
200 YD INDIVIDUAL MEDLEY
 L. White, Unat. 2:17.65
 M. Stolarz, Unat. 2:20.01
 C. Johnson, FAST 2:23.02

15-18
50 YD FREESTYLE
 K. Cox, CLASS 24.89
 M. Sylvia, RAA 25.40
 C. Cast, GLENY 25.95
100 YD FREESTYLE
 K. Cox, CLASS 54.37
 C. Cast, GLENY 56.59
 M. Sylvia, RAA 57.03
200 YD FREESTYLE
 C. Cast, GLENY 1:59.00
 K. Cox, CLASS 1:59.41
 T. Mulvany, CLASS 2:00.82
100 YD BACKSTROKE
 K. Cox, SANDPIPE 1:00.18

A. Ledoux, SVST	1:06.18
D. Starks, LAJOLLA	1:06.87
200 YD BACKSTROKE	
K. Cox, CLASS	2:10.88
A. Ledoux, SVST	2:20.56
T. Mulvany, CLASS	2:21.68
100 YD BREASTSTROKE	
K. Cox, CLASS	1:11.94
T. Mulvany, CLASS	1:12.37
J. Garrett, LAJOLLA	1:14.61
200 YD BREASTSTROKE	
K. Cox, CLASS	2:34.57
T. Mulvany, CLASS	2:35.80
R. Nackman, SVST	2:39.47
100 YD BUTTERFLY	
K. Cox, CLASS	1:00.05
T. Mulvany, CLASS	1:02.13JD
C. Cast, GLENY	1:02.06JD
200 YD BUTTERFLY	
K. Cox, CLASS	2:12.37
C. Cast, GLENY	2:14.52
T. Richardson, GLENY	2:14.52
T. Richardson, PENN	2:22.19
200 YD INDIVIDUAL MEDLEY	
K. Cox, CLASS	2:13.37
T. Mulvany, CLASS	2:17.28
M. Sylva, RAA	2:23.20

BOYS

7-8	
50 YD FREESTYLE	
S. Chandler, STOP	31.65
R. Hartley, NST	31.81
M. Takahashi, CERRITOS	1:16.14
100 YD FREESTYLE	
R. Hartley, NST	1:10.45
S. Chandler, STOP	1:11.68
M. Takahashi, CERRITOS	1:16.14
50 YD BACKSTROKE	
R. Hartley, NST	40.83
S. Chandler, STOP	41.34
R. King, Unat.	42.49
50 YD BREASTSTROKE	
S. Chandler, STOP	44.39
M. Warren, RAA	45.48
D. Sway, KERNAC	47.11
50 YD BUTTERFLY	
R. Hartley, NST	34.42
S. Chandler, STOP	36.41
M. Takahashi, CERRITOS	39.86
100 YD INDIVIDUAL MEDLEY	
R. Hartley, NST	1:22.88
S. Chandler, STOP	1:23.61
S. Sway, KERNAC	1:25.44

9-10	
50 YD FREESTYLE	
L. Wennerstrom, Unat.	27.75
E. Wylie, WALNUT	28.36
S. Castro, NIKE	28.55
100 YD FREESTYLE	
L. Wennerstrom, Unat.	59.99
E. Wylie, WALNUT	1:03.18
S. Castro, NIKE	1:03.23
200 YD FREESTYLE	
L. Wennerstrom, Unat.	2:11.63
S. Castro, NIKE	2:15.80
N. Walter, SBAY	2:17.87
50 YD BACKSTROKE	
L. Wennerstrom, Unat.	33.52
M. Walter, SBAY	34.57
A. Chapman, SBAA	34.80
100 YD BACKSTROKE	
M. Walter, SBAY	1:14.58
L. Wennerstrom, Unat.	1:16.23
E. Wylie, WALNUT	1:17.64
50 YD BREASTSTROKE	
C. Kredell, SBSC	36.53
A. Chapman, SBAA	1:23.99
E. Atanasio, CLASS	1:25.60
50 YD BUTTERFLY	
E. Wylie, WALNUT	29.74
S. Castro, NIKE	29.84
E. Atanasio, CLASS	1:25.60
50 YD BUTTERFLY	
E. Wylie, WALNUT	29.74
S. Castro, NIKE	29.84
C. Hall, RIALTO	31.19
100 YD BUTTERFLY	
E. Wylie, WALNUT	1:05.57
S. Castro, NIKE	1:05.58
E. Atanasio, CLASS	1:12.66
100 YD INDIVIDUAL MEDLEY	
L. Wennerstrom, Unat.	1:12.27

S. Castro, NIKE	1:13.68
A. Chapman, SBAA	1:14.08
200 YD INDIVIDUAL MEDLEY	
E. Wylie, WALNUT	2:34.94
S. Castro, NIKE	2:38.16
L. Wennerstrom, Unat.	2:38.44

11-12	
50 YD FREESTYLE	
J. Edds, Unat.	25.29
F. Wattles, Unat.	26.50
G. VanBoxtel, Unat.	26.89
100 YD FREESTYLE	
J. Edds, Unat.	54.52
G. VonBoxtel, Unat.	57.73
F. Wattles, Unat.	57.89
200 YD FREESTYLE	
J. Edds, Unat.	1:57.59
G. VanBoxtel, Unat.	2:05.14
A. Pino, VALLEY	2:06.91
50 YD BACKSTROKE	
J. Edds, Unat.	30.46
J. Hsu, IHAC	31.99
S. Strong, SVST	32.47
100 YD BACKSTROKE	
J. Edds, Unat.	1:03.71
E. Rose, SVST	1:08.56
C. DeHaven, VALLEY	1:09.88
50 YD BREASTSTROKE	
J. Edds, Unat.	34.92
F. Wattles, Unat.	34.98
M. Walter, SBAY	35.23
100 YD BREASTSTROKE	
M. Walter, SBAY	1:16.09
J. Edds, Unat.	1:16.27
K. Parson, LaJolla	1:18.26
50 YD BUTTERFLY	
J. Hsu, IHAC	28.52
J. Edds, Unat.	28.92
C. DeHaven, VALLEY	29.26
100 YD BUTTERFLY	
J. Edds, Unat.	1:03.42
G. VanBoxtel, Unat.	1:03.57
F. Wattles, Unat.	1:03.96
100 YD INDIVIDUAL MEDLEY	
J. Edds, Unat.	1:03.29
J. Hsu, IHAC	1:07.65
F. Wattles, Unat.	1:07.77
200 YD INDIVIDUAL MEDLEY	
J. Edds, Unat.	2:13.30
A. Pino, VALLEY	2:24.00
G. VanBoxtel, Unat.	2:25.36

13-14	
50 YD FREESTYLE	
E. Jensen, CVCS	23.42
K. Breslaw, SVST	24.19
G. Hallisey, RAA	24.34
100 YD FREESTYLE	
E. Jensen, CVCS	52.02
C. Ro, VALLEY	52.11
G. Hallisey, RAA	52.91
200 YD FREESTYLE	
C. Ro, VALLEY	1:53.15
M. Irvin, RAA	1:53.69
G. Hallisey, RAA	1:55.38
100 YD BREASTSTROKE	
G. Fernandez, VALLEY	1:04.46
K. Breslaw, SVST	1:06.21
M. Fernandez, VALLEY	1:07.79
200 YD BREASTSTROKE	
G. Fernandez, VALLEY	2:21.66
M. Irvin, RAA	1:06.21
K. Breslaw, SVST	2:26.30
100 YD BUTTERFLY	
G. Fernandez, VALLEY	57.35T
K. Breslaw, SVST	57.35T
G. Hallisey, RAA	59.12
200 YD BUTTERFLY	
G. Fernandez, VALLEY	2:04.06
M. Fernandez, VALLEY	2:06.62
K. Breslaw, SVST	2:07.04
100 YD INDIVIDUAL MEDLEY	
C. Ro, VALLEY	2:07.46
M. Irvin, RAA	2:08.99
G. Fernandez, VALLEY	2:09.93

15-18	
50 YD FREESTYLE	
R. Smith, CLASS	22.18
C. Tate, Unat.	22.51
J. Klein, CLASS	22.69
100 YD FREESTYLE	
R. Smith, CLASS	49.37

J. Klein, CLASS	49.94
J. Scott, RAA	50.14
200 YD FREESTYLE	
R. Smith, CLASS	1:46.42
J. Scott, RAA	1:47.48
J. Klein, CLASS	1:48.54
100 YD BACKSTROKE	
R. Smith, CLASS	54.73
Brad Hermanson, SVST	58.25
A. Maurer, CLASS	59.19
200 YD BACKSTROKE	
Brad Hermanson, SVST	2:04.82
A. Maurer, CLASS	2:05.95
J. Scott, RAA	2:07.94
100 YD BREASTSTROKE	
R. Smith, CLASS	1:01.98
J. Klein, CLASS	1:02.74
J. Randall, Unat.	1:03.04
200 YD BREASTSTROKE	
J. Klein, CLASS	2:15.27
J. Randall, Unat.	2:18.35
A. Desser, CORONADO	2:20.84
100 YD BUTTERFLY	
R. Smith, CLASS	52.49
J. Scott, RAA	53.89
A. Maurer, CLASS	54.18
200 YD BUTTERFLY	
J. Scott, RAA	1:57.16
A. Maurer, CLASS	1:57.86
C. Rond, Unat.	2:00.58
200 YD INDIVIDUAL MEDLEY	
R. Smith, CLASS	1:59.35
J. Klein, CLASS	2:02.94
J. Randall, Unat.	2:03.55

B DIVISION

GIRLS

7-8	
50 YD FREESTYLE	
C. Evans, SBAA	40.20
S. Caine, SVST	41.40
C. O'Kamura, Unat.	41.43
100 YD FREESTYLE	
C. O'Kamura, Unat.	1:27.81
S. Biddlecombe, SANBERN	1:27.90
C. Evans, SBAA	1:27.91
50 YD BACKSTROKE	
K. Jones, HHAC	44.57
S. Olson, CLASS	46.70
C. O'Kamura, Unat.	48.46
50 YD BREASTSTROKE	
C. O'Kamura, Unat.	49.29
K. Comanor, ASRC	50.67
K. Jones, HHAC	50.90
50 YD BUTTERFLY	
D. Feickert, SVST	45.55
K. Noreiga, WALNUT	46.31
S. Adams, BARSTOW	49.52
100 YD INDIVIDUAL MEDLEY	
C. O'Kamura, Unat.	1:39.40
K. Noreiga, WALNUT	1:40.45
C. Kindron, SBAA	1:40.47

9-10	
50 YD FREESTYLE	
H. Caine, SVST	32.23
J. Day, CERRITOS	32.69
S. Biddlecombe, SANBERN	33.28
100 YD FREESTYLE	
A. Rossie, CLASS	1:11.23
J. Bearden, Unat.	1:14.03
E. Laskowsky, PENN	1:14.15
200 YD FREESTYLE	
V. Downs, RIALTO	2:36.33
R. Soppeland, BARSTOW	2:36.45
E. Laskowsky, PENN	2:36.89
50 YD BACKSTROKE	
V. Downs, RIALTO	39.70
K. Roberts, PENN	40.55
T. Krasno, SVST	40.90
100 YD BACKSTROKE	
S. Struble, HHAC	1:23.85
K. Smihula, COTUNA	1:24.09
A. Rossie, CLASS	1:24.94
50 YD BREASTSTROKE	
S. Struble, HHAC	43.32
A. Backes, CAA	44.41
M. Lepire, CLASS	44.42
100 YD BREASTSTROKE	
J. Teeplees, MTBALDY	1:32.85
K. Ogle, SBSC	1:33.60
K. Jackson, WALNUT	1:33.68
50 YD BUTTERFLY	
E. Moral, Unat.	36.43

K. Skaggs, CLASS	37.05
E. Laskowsky, PENN	37.53
100 YD BUTTERFLY	
K. Buck, CLASS	1:17.65
J. Wiggins, CAA	1:24.23
E. Laskowsky, PENN	37.53
100 YD BUTTERFLY	
K. Buck, CLASS	1:17.65
J. Wiggins, CAA	1:24.23
E. Laskowsky, PENN	1:24.49
200 YD INDIVIDUAL MEDLEY	
E. Moral, Unat.	2:58.03
A. Beckes, CAA	2:59.95
V. Downs, RIALTO	3:02.53

11-12	
50 YD FREESTYLE	
J. Heldrick, OXNARD	29.76JD
D. Baldocci, SANDPIPE	29.59JD
K. Rice, SWAT	29.60JD
100 YD FREESTYLE	
K. Underwood, CLASS	1:01.19
J. Vaughters, SANCLEM	1:01.62
T. Hinka, SVST	1:03.19
200 YD FREESTYLE	
K. Underwood, CLASS	2:11.98
K. Stollenwerk, WALNUT	2:15.64
T. Hinka, SVST	2:15.72
50 YD BACKSTROKE	
H. Higdon, CORONADO	34.09
P. Mitchell, SOGATE	34.99
K. Underwood, CLASS	35.15
100 YD BACKSTROKE	
J. Parker, SVST	1:12.79
K. Ogden, SVST	1:13.56
T. Montoya, RAA	1:15.28
50 YD BREASTSTROKE	
J. Baumblatt, BUENA	37.91
A. Ottoboni, SBAA	38.53
A. Nozewnik, GEMINI	38.83
100 YD BREASTSTROKE	
L. Myers, SWAT	1:21.08
P. Parker, SWAT	1:22.18
J. Baumblatt, BUENA	1:22.87
50 YD BUTTERFLY	
M. Robinson, PVST	32.44
H. Cross, Unat.	32.76
A. Dzerdz, VALLEY	32.83
100 YD BUTTERFLY	
L. Myers, SWAT	1:08.94
P. Mitchell, SOGATE	1:09.87
L. Anderson, BARSTOW	1:10.58
100 YD INDIVIDUAL MEDLEY	
K. Kennedy	1:11.62
K. Underwood, CLASS	1:12.84
S. Bair, Unat.	1:13.09
200 YD INDIVIDUAL MEDLEY	
C. Parker, SWAM	2:36.58
M. Jacobson, LAJOLLA	2:37.84
M. Meade, BARSTOW	2:38.14

13-14	
50 YD FREESTYLE	
M. Murphy, CLASS	28.22
J. Anderson, VALLEY	28.22
A. Levin, CLASS	28.39
100 YD FREESTYLE	
S. Runyan, LAJOLLA	1:01.20
M. Murphy, CLASS	1:01.66
J. Anderson, VALLEY	1:01.74
200 YD FREESTYLE	
A. Belcher, Unat.	2:12.25
M. Murphy, SANDPIPE	2:15.25
P. LeBlanc, SBAY	2:15.27
100 YD BACKSTROKE	
M. Grant, VALLEY	1:12.63
L. Lansford, IHAC	1:13.28
J. Schneidinger, PENN	1:13.54
200 YD BACKSTROKE	
J. Schneidinger, PENN	2:34.29
L. Parmentier, HBAC	2:35.89
J. Ferris, CLASS	2:36.58
100 YD BREASTSTROKE	
M. Murphy, CLASS	1:18.18
K. Lambert, CANYONS	1:19.51
S. Brisco, Unat.	1:20.04
200 YD BREASTSTROKE	
K. Lambert, CANYONS	2:48.10
K. Stewart, PENN	2:51.47
M. Murphy, CLASS	1:07.88
100 YD BUTTERFLY	
P. LeBlanc, SBAY	1:06.68
K. Lambert, CANYONS	2:35.74
K. Kelly, CLASS	2:38.92

Western Swimmer Continued

200 YD INDIVIDUAL MEDLEY
 M. Rienstra, CLASS 2:27.94
 J. Anderson, VALLEY 2:30.20JD
 P. Desser, CORONADO 2:30.07JD

15-18
50 YD FREESTYLE
 N. Schmitt, BARSTOW 28.82T
 T. Miller, OXNARD 28.82T
 J. Griego, BARSTOW 28.99
100 YD FREESTYLE
 J. Beneduce, Unat. 59.81
 N. Darling, Unat. 1:00.05
 L. Herzbrun, VALLEY 1:00.07

200 YD FREESTYLE
 R. Nackman, SVST 2:11.08
 N. Darling, Unat. 2:11.39
 S. Seymour, SWAT 2:13.47
100 YD BACKSTROKE
 M. Sylva, RAA 1:10.92
 S. McAdoo, CLASS 1:11.81
 E. Thomas, CLASS 1:12.41

200 YD BACKSTROKE
 L. Herzbrun, VALLEY 2:30.03
 R. Morton, SVST 2:34.04
 S. McAdoo, CLASS 2:35.05
100 YD BREASTSTROKE
 C. Cast, GLENY 1:15.70
 P. Rouse, CANYONS 1:19.28
 G. Ottobone, SBAA 1:20.32
 M. VonVillas, SVST 1:20.32

200 YD BREASTSTROKE
 E. Thomas, CLASS 2:49.13
 P. Little, LAJOLLA 2:49.76
 P. Rouse, CANYONS 2:49.77
100 YD BUTTERFLY
 D. Starks, LAJOLLA 1:08.31
 R. Nackman, SVST 1:08.48
 A. Ledoux, SVST 1:09.07

200 YD BUTTERFLY
 D. Wells, SVST 2:28.99
 S. Walton, SURF 2:31.23
 S. Palermo, GLENY 2:33.22
200 YD INDIVIDUAL MEDLEY
 R. Nackman, SVST 2:29.68
 M. Meyer, CLASS 2:30.05
 D. Wells, SVST 2:30.37

BOYS

7-8
50 YD FREESTYLE
 T. Salcedo, SOGATE 37.00
 S. Warner, SWAT 37.65
 T. Kredell, SBSC 38.45
100 YD FREESTYLE
 T. Kredell, SBSC 1:23.85
 W. Lee, BURY 1:26.32
 M. Sanderson, SANDPIPE 38.45

50 YD BACKSTROKE
 M. Takahashi, CERRITOS 43.30
 S. Warner, SWAT 45.11
 M. Buck, CLAS 47.69
50 YD BREASTSTROKE
 T. Salcedo, SOGATE 46.97
 M. Takahashi, CERRITOS 47.96
 S. Warner, SWAT 49.81
100 YD INDIVIDUAL MEDLEY
 T. Kredell, SBSC 1:38.09
 M. Sanderson, CLASS 1:39.28
 E. Rosland, WSC 1:40.37

9-10
50 YD FREESTYLE
 G. Raisola, WALNUT 33.32
 K. Hopp, IHAC 32.45
 K. Clemons, HUENEME 32.59
100 YD FREESTYLE
 G. Gagy, HBAC 1:10.40
 K. Hopp, IHAC 1:11.80
 S. Faust, VALLEY 1:13.28

200 YD FREESTYLE
 C. Gallaudet, SVST 2:36.45
 M. Campbell, NST 2:38.17
 J. Hubbard, WSC 2:38.32
50 YD BACKSTROKE
 C. Villalobos, NIKE 38.21
 E. Atanasio, CLASS 38.92
 C. Grigg, GLENY 39.92
100 YD BACKSTROKE
 C. Ballard, SWAT 1:23.00
 J. VanDuinwyk, Unat. 1:26.87
 S. Faust, VALLEY 1:28.24
50 YD BREASTSTROKE
 G. Raisola, WALNUT 42.17

K. Clemons, HUENEME 42.18
 L. Wennerstrom, Unat. 42.62
100 YD BREASTSTROKE
 M. Walter, SBAY 1:34.24
 R. Herrera, WALNUT 1:37.92
 M. Yarris, GLENY 1:39.84

50 YD BUTTERFLY
 S. Stephenson, IHAC 36.00
 T. Hurst, Unat. 37.35
 J. Rydell, SBAA 37.80
100 YD BUTTERFLY
 J. Bowles, SVST 1:27.08
 G. Yglesias, WALNUT 1:34.45
 M. Yarris, GLENY 1:36.76

100 YD INDIVIDUAL MEDLEY
 C. Grigg, GLENY 1:20.44
 K. Clemons, HUENEME 1:23.48JD
 C. Monaco, HUENEME 1:23.43JD
200 YD INDIVIDUAL MEDLEY
 S. Faust, VALLEY 2:59.89
 C. Gallaudet, SVST 3:00.20
 K. Clemons, HUENEME 3:02.36

11-12
50 YD FREESTYLE
 R. Snyder, DDSC 27.57
 R. Briggance, STMAR 28.80
 D. Strong, SVST 29.00
100 YD FREESTYLE
 K. Headley, SBAA 1:00.02
 D. Scott, VALLEY 1:01.93
 N. Evans, SBAA 1:03.65

200 YD FREESTYLE
 M. Mueller, WALNUT 2:17.98
 N. Evans, SBAA 2:18.58
 E. Weitz, SVST 2:18.65
50 YD BACKSTROKE
 N. Evans, SBAA 34.88
 R. Briggance, STMAR 35.06
 R. Snyder, DDSC 35.39

100 YD BACKSTROKE
 F. Brende, SWAT 1:14.07
 M. Walter, SBAY 1:15.05
 W. Schumann, Unat. 1:15.84
50 YD BREASTSTROKE
 P. Golder, CLASS 36.41
 A. Pino, VALLEY 36.79
 C. Rossie, CLASS 37.08

100 YD BREASTSTROKE
 J. Hsu, IHAC 1:23.24
 D. Stephenson, IHAC 1:24.24
 S. Stone, CVSC 1:25.32
50 YD BUTTERFLY
 C. Rossie, CLASS 31.36
 R. Snyder, DDSC 32.00
 M. Walter, SBAY 33.24

100 YD BUTTERFLY
 K. Headley, SBAA 1:10.13
 B. Briggance, STMAR 1:11.54
 W. Schumann, Unat. 1:12.63
100 YD INDIVIDUAL MEDLEY
 C. DeHaven, VALLEY 1:10.30
 N. Evans, SBAA 1:13.43JD
 S. Stone, CVSC 1:14.14JD

200 YD INDIVIDUAL MEDLEY
 K. Headley, SBAA 2:35.39
 F. Hoehne, Unat. 2:35.99
 W. Schumann, Unat. 2:37.24

13-14
50 YD FREESTYLE
 C. Greene, CVSC 26.50
 R. Aitken, SPST 26.64
 M. Fernandez, VALLEY 27.22
100 YD FREESTYLE
 M. Fernandez, VALLEY 57.05
 R. Kemp, SVST 57.30
 S. Tanabe, WALNUT 59.75

200 YD FREESTYLE
 R. Kemp, SVST 2:02.44
 G. Love, SBAA 2:03.92
 C. Greene, CVSC 2:03.93
100 YD BACKSTROKE
 M. Magee, RAA 1:04.83
 C. Greene, CVSC 1:08.82
 C. Douille, VALLEY 1:09.84
200 YD BACKSTROKE
 R. Kemp, SVST 2:16.99
 E. Cufino, Unat. 2:21.96
 T. Gallaudet, SVST 2:23.01

200 YD BREASTSTROKE
 T. Gallaudet, SVST 2:36.13
 R. Kemp, SVST 2:38.84
 A. Sawley, RAA 2:47.19

100 YD BUTTERFLY
 P. Livesay, LAJOLLA 1:04.21
 B. Baldocchi, CLASS 1:06.01
 R. Barrera, SOCAL 1:06.33
200 YD BUTTERFLY
 T. Gallaudet, SVST 2:17.94
 T. Hartman, CAA 2:36.81
 R. Vargas, CAA 2:37.33

200 YD INDIVIDUAL MEDLEY
 A. Sawley, RAA 2:25.37
 R. Barrera, SOCAL 2:25.97
 A. Carbonell, Unat. 2:26.85

15-18
50 YD FREESTYLE
 R. Grady, LAJOLLA 24.81
 G. Aitken, SPST 24.88
 T. Thigpin, SPST 25.18
100 YD FREESTYLE
 Brad Hermanson, SVST 52.29
 M. Rossie, CLASS 52.95
 D. Styles, CORONADO 53.13

200 YD FREESTYLE
 Brad Hermanson, SVST 1:53.79
 C. Magee, RAA 1:54.97
 D. Jacobs, BARSTOW 1:55.71
100 YD BACKSTROKE
 G. Caron, CLASS 1:02.68
 D. Styles, CORONADO 1:02.72
 E. Long, RAA 1:03.73

200 YD BACKSTROKE
 C. Rond, Unat. 2:12.92
 A. Chang, GLENY 2:16.77
 D. Styles, CORONADO 2:16.99
100 YD BREASTSTROKE
 C. Tate, Unat. 1:07.80
 T. Thigpin, SPST 1:10.46
 J. Scott, RAA 1:10.48

200 YD BREASTSTROKE
 J. Scott, RAA 2:30.64
 R. Grady, LAJOLLA 2:31.54
 S. Hurst, Unat. 2:33.01
100 YD BUTTERFLY
 S. Marnoch, SVST 58.38
 D. Styles, CORONADO 58.54
 M. Mammon, CLASS 59.92

200 YD BUTTERFLY
 D. Jacobs, BARSTOW 2:07.74
 R. Wiegman, SVST 2:12.96
 R. Grady, LAJOLLA 2:15.77
200 YD INDIVIDUAL MEDLEY
 R. Grady, LAJOLLA 2:11.78
 A. Shimato, CLASS 2:12.93
 D. Koehler, SVST 2:15.90

C DIVISION
GIRLS
5-6
25 YD FREESTYLE
 H. Ballard, SWAT 17.21
 E. Moore, GSC 18.07
 J. Cronshaw, CAA 19.15

7-8
50 YD FREESTYLE
 S. Gardner, TRIVAL 41.80
 K. Silverman, Unat. 44.66
 S. Waite, HUENEME 45.31
100 YD FREESTYLE
 S. Caine, SVST 1:30.96
 B. Raisola, WALNUT 1:35.92
 H. Altizer, WALNUT 1:38.97

50 YD BACKSTROKE
 S. Caine, SVST 49.07
 S. Twidwell, SPPY 51.74
 S. Nejako, CLASS 52.34
50 YD BREASTSTROKE
 S. Caine, SVST 54.40
 E. Vaughters, SANCLEM 56.34
 H. Altizer, WALNUT 56.78
50 YD BUTTERFLY
 S. Gaine, SVST 47.55
 E. Fry, SEMA 50.77
 E. Vaughters, SANCLEM 51.66

9-10
50 YD FREESTYLE
 A. Seidel, EVALY 37.11JD
 L. Johnston, STJOS 37.02JD
 K. Glass, CLASS 37.35

100 YD FREESTYLE
 H. Caine, SVST 1:12.56
 K. Bush, CLASS 1:22.25
 H. Green, COAST 1:22.68
200 YD FREESTYLE
 S. VonVillas, SVST 2:34.75
 K. Skaggs, CLASS 2:34.66
 J. Bearden, Unat. 2:39.59

100 YD BACKSTROKE
 S. Biddlecombe, SANBERN 1:29.57
 K. Skaggs, CLASS 1:29.71
 H. Williams, CAA 1:31.09
50 YD BREASTSTROKE
 H. Caine, SVST 46.85
 C. Brody, CLASS 46.94
 T. Langer, CLASS 47.23

100 YD BREASTSTROKE
 L. Noriega, WALNUT 1:33.77
 J. Bearden, Unat. 1:41.86
 K. Skaggs, CLASS 1:41.88
50 YD BUTTERFLY
 H. Caine, SVST 40.26
 J. Bearden, Unat. 40.71
 K. Ogle, SBSC 42.77

100 YD BUTTERFLY
 R. Davidson, SVST 1:29.62
 H. Williams, CAA 1:33.91
 K. Bush, CLASS 1:35.50
100 YD INDIVIDUAL MEDLEY
 J. Bearden, Unat. 1:25.07
 K. Bush, CLASS 1:28.01
 W. Vaughters, SANCLEM 1:29.68

200 YD INDIVIDUAL MEDLEY
 K. Skaggs, CLASS 3:01.09
 J. Bearden, Unat. 3:02.12
 S. VonVillas, SVST 3:02.81

11-12
50 YD FREESTYLE
 J. Boshoff, Unat. 29.57
 H. Cross, Unat. 30.22
 V. Olguin, SVST 30.51
100 YD FREESTYLE
 D. O'Neill, CERRITOS 1:06.06
 H. Cross, Unat. 1:07.10
 D. Baldocchi, CLASS 1:07.51

200 YD FREESTYLE
 D. O'Neill, CERRITOS 2:23.18
 M. Meade, BARSTOW 2:24.47
 J. Vaughters, SANCLEM 2:26.97
50 YD BACKSTROKE
 J. Boshoff, Unat. 36.82
 J. Kappe, CLASS 37.62T
 B. Spring, SANCLEM 37.62T

100 YD BACKSTROKE
 D. O'Neill, CERRITOS 1:17.73
 K. Simpson, CERRITOS 1:19.80
 M. Fultz, GSC 1:22.55
50 YD BREASTSTROKE
 D. Baldocchi, CLASS 40.51
 R. Davidson, SVST 41.48JD
 L. Kindron, SBAA 41.47JD

100 YD BREASTSTROKE
 M. Jacobson, LAJOLLA 1:29.55
 T. Adams, BARSTOW 1:30.05
 S. Nothvogel, SVST 1:30.08
50 YD BUTTERFLY
 K. Underwood, CLASS 33.04
 K. Rice, SWAT 35.11
 A. Ottoboni, SBAA 35.97

100 YD BUTTERFLY
 D. Baldocchi, CLASS 1:14.81
 J. Boshoff, RIALTO 2:48.59
 S. Nothvogel, SVST 2:50.00

13-14
50 YD FREESTYLE
 M. Riley, BARSTOW 30.69
 C. McNamara, SBAA 31.08
 D. Kullman, SPST 31.45
100 YD FREESTYLE
 D. Kullman, SPST 1:07.08
 T. Nasalroad, SPST 1:07.61
 D. West, Unat. 1:08.62

Western Swimmer Continued

100 YD BACKSTROKE
 J. Scott, VALLEY 1:17.54
 M. Farrell, CLASS 1:18.21
 T. Nasalroad, SPST 1:19.97
200 YD BACKSTROKE
 D. Spinozzi, SEMA 2:46.32
 S. Kappe, CERRITOS 2:48.24
 P. LeBlanc, SBAY 2:48.70
100 YD BREASTSTROKE
 A. Belcher, Unat. 1:25.91
 C. McNamara, SBAA 1:27.86
 S. Kappe, CERRITOS 1:28.91
200 YD BREASTSTROKE
 D. Clemons, HUENEME 2:55.12
 D. West, Unat. 3:00.12
 C. McNamara, SBAA 3:10.49
100 YD BUTTERFLY
 M. Murphy, CLASS 1:16.77
 D. Kullman, SPST 1:19.04
 D. Clemons, HUENEME 2:47.40
200 YD BUTTERFLY
 J. Anderson, VALLEY 2:42.79
 A. Levin, CLASS 2:43.13
 B. Nietzel, HUENEME 2:47.40
200 YD INDIVIDUAL MEDLEY
 C. Rock, GSC 2:45.05
 S. Kappe, CERRITOS 2:47.61
 E. Riley, Unat. 2:55.09

15-18
50 YD FREESTYLE
 T. Gardner, TRIVAL 31.15
 A. Wilson, BARSTOW 32.25
 J. Palmer, CLASS 32.28
100 YD FREESTYLE
 K. Schoffstall, BARSTOW 1:06.42
 E. Esparza, SEMA 1:06.59
 T. Miller, OXNARD 1:08.20
200 YD FREESTYLE
 M. Walter, SBAY 2:19.10
 T. Williams, IHAC 2:25.04
 J. Seager, CLASS 2:27.81
100 YD BACKSTROKE
 J. Lehman, CLASS 1:19.89
 M. Walter, SBAY 1:20.33
 J. Whalen, PENN 1:20.99
200 YD BACKSTROKE
 M. Meyer, CLASS 2:34.94
 M. VonVillas, SVST 2:45.58
 K. Irvin, RAA 2:46.98
100 YD BREASTSTROKE
 J. Griego, BARSTOW 1:29.83
 J. Whalen, PENN 1:30.11
 T. Miller, OXNARD 1:30.53
200 YD BREASTSTROKE
 B. Thorsness, CLASS 3:04.01
 C. Wiman, OXNARD 3:07.18
 A. Richardson, GSC 3:15.18
100 YD BUTTERFLY
 T. Williams, IHAC 1:16.04
 P. Little, LAJOLLA 2:54.16
 S. Patrick, CLASS 2:55.34
200 YD INDIVIDUAL MEDLEY
 C. Wiman, OXNARD 2:50.21
 K. Schoffstall, BARSTOW 2:53.39
 E. Esparza, SEMA 2:54.90

BOYS
5-6
25 YD FREESTYLE
 R. Cabinte, WALNUT 18.30
 T. Gornig, SANCLEM 18.86
 J. Badillo, HHAC 19.02
7-8
50 YD FREESTYLE
 C. Parker, SVST 40.24
 E. Chiverton, BARSTOW 41.06
 T. Womack, BARSTOW 41.42
100 YD FREESTYLE
 S. Warner, SWAT 1:23.39
 T. Salcedo, SOGATE 1:25.67
 T. Womack, BARSTOW 1:33.25
50 YD BACKSTROKE
 W. Lee, BURY 48.55
 J. Schliesinger, CLASS 52.77
 S. Seeder, CLASS 53.51
50 YD BREASTSTROKE
 W. Lee, BURY 50.81
 J. Simpson, CERRITOS 53.60
 C. Parker, SVST 55.35
50 YD BUTTERFLY
 J. Michel, VALLEY 49.92

J. Davis, CAA 52.89
 M. Buck, CLASS 53.39
100 YD INDIVIDUAL MEDLEY
 S. Warner, SWAT 1:37.29
 T. Salcedo, SOGATE 1:41.42
 E. Watson, Unat. 1:47.11

9-10
50 YD FREESTYLE
 T. Hurst, Unat. 33.88
 R. Simpson, Unat. 34.50
 J. Baldocchi, CLASS 34.98
100 YD FREESTYLE
 S. Whetstone, PVST 1:15.35
 M. Campbell, NST 1:16.01
 J. Baldocchi, CLASS 1:18.70
200 YD FREESTYLE
 J. Schmidt, BARSTOW 2:41.13
 S. Greable, NST 2:43.24
 G. Yglesias, WALNUT 2:44.85
50 YD BACKSTROKE
 J. Baldocchi, CLASS 42.19
 J. Hubbard, WSC 42.38
 G. Salcedo, SOGATE 43.12
100 YD BACKSTROKE
 P. Barrera, SOCAL 1:24.71
 G. Salcedo, SOGATE 1:26.79
 S. Greable, NST 1:28.28
50 YD BREASTSTROKE
 M. Litter, CLASS 46.05
 D. Hurst, Unat. 46.42
 J. Baldocchi, CLASS 46.46
100 YD BREASTSTROKE
 M. Campbell, NST 1:35.87
 R. Simpson, Unat. 1:39.30
 G. Salcedo, SOGATE 1:39.55
 E. Fleming, MTBALDY 1:39.55
50 YD BUTTERFLY
 C. Gallaudet, SVST 38.92
 J. Powell, SPST 40.67
 S. Greable, NST 40.98
100 YD BUTTERFLY
 S. Faust, VALLEY 1:31.06
 K. Clemons, HUENEME 1:32.68
 K. Litter, CLASS 1:32.57
100 YD INDIVIDUAL MEDLEY
 J. Baldocchi, SANDPIPE 1:31.06
 M. Butler, VALLEY 1:31.72
 C. Afarian, SWAT 1:32.11
200 YD INDIVIDUAL MEDLEY
 G. Yglesias, WALNUT 3:06.40
 S. Greable, NST 3:07.24
 J. Rydell, SBAA 3:15.09

11-12
50 YD FREESTYLE
 M. Morton, SVST 30.27
 J. Anderson, Unat. 31.03T
 J. Harris, WSC 31.03T
100 YD FREESTYLE
 M. Morton, SVST 1:04.78
 T. Murphy, SBSC 1:06.85
 G. Frazier, SVST 1:09.32
200 YD FREESTYLE
 D. Scott, VALLEY 2:20.04
 B. MacKnight, PENN 2:20.22
 S. Stone, CVSC 2:20.97
50 YD BACKSTROKE
 J. Alm, SANBERN 38.72
 J. Dowell, CVSC 39.95
 W. Watkins, HUENEME 40.13
100 YD BACKSTROKE
 J. Capwell, TRIVAL 1:17.41
 S. Stone, CVSC 1:22.23
 R. Alegre, SEMA 1:23.54
50 YD BREASTSTROKE
 D. McAdoo, CLASS 39.11
 T. Murphy, SBSC 39.39
 K. Bek, CLASS 40.29
100 YD BREASTSTROKE
 J. Penn, GSC 1:26.68
 T. Murphy, SBSC 1:27.35
 D. Griffin, BARSTOW 1:27.49
50 YD BUTTERFLY
 P. Shumake, TRIVAL 36.64
 J. Pickup, WALNUT 38.87
 S. Lepire, CLASS 39.05
100 YD BUTTERFLY
 M. Walter, SBAY 1:15.29
 S. Stone, CVSC 1:15.49
 B. MacKnight, PENN 1:19.84
100 YD INDIVIDUAL MEDLEY
 P. Shumake, TRIVAL 1:20.99
 W. Watkins, HUENEME 1:22.83

P. Anderson, SWAT 1:23.90
200 YD INDIVIDUAL MEDLEY
 T. Murphy, SBSC 2:41.63
 D. Griffin, BARSTOW 2:50.93
 G. Frazier, SVST 2:51.22

13-14
50 YD FREESTYLE
 N. Boshoff, Unat. 27.84
 L. Wolff, CLASS 27.96
 B. Hopp, IHAC 28.56
100 YD FREESTYLE
 H. Wunsch, SBAA 1:01.47
 L. Wolff, CLASS 1:01.81
 T. Gardner, TRIVAL 1:02.33
200 YD FREESTYLE
 M. Frazier, SVST 2:23.54
 S. Doorgeest, SVST 2:27.47
 S. Gleason, LOWELL 2:39.04
100 YD BACKSTROKE
 D. Moore, STMAR 1:16.36
 S. Doorgeest, SVST 1:17.78
 M. Estes, RAA 1:17.93
200 YD BACKSTROKE
 J. Laselli, EVALY 2:35.96
 T. Gardner, TRIVAL 2:40.74
 A. Anderson, PVST 2:41.95
100 YD BREASTSTROKE
 D. Hurst, Unat. 1:25.65
 A. Hufford, SVST 1:26.36
 R. Thigpin, SPST 1:26.85
200 YD BREASTSTROKE
 M. Salazar, SEMA 2:44.13
 A. Carbonell, Unat. 2:47.27
 F. Monaco, HUENEME 2:51.59
100 YD BUTTERFLY
 A. Carbonell, Unat. 1:10.96
 S. Borowsky, Unat. 1:12.94
 M. Frazier, SVST 1:14.55
200 YD BUTTERFLY
 N. Ro, VALLEY 2:36.01
 C. Castro, NIKE 2:43.39
200 YD INDIVIDUAL MEDLEY
 M. Salazar, SEMA 2:39.18
 E. Olsen, CLASS 2:42.28
 L. Wolff, CLASS 2:44.97

15-18
50 YD FREESTYLE
 M. Gonzalez, SOGATE 26.82
 D. Lambert, CANYONS 29.15
100 YD FREESTYLE
 R. Monroy, SOGATE 57.02
 W. McNamara, SBAA 57.37
 T. Thigpin, SPST 57.39
200 YD FREESTYLE
 G. Aitken, SPST 2:05.81
 T. Thigpin, SPST 2:07.10
 M. Gonzalez, SOGATE 2:09.42
100 YD BACKSTROKE
 R. Monroy, SOGATE 1:13.41
 D. Lambert, CANYONS 1:18.35
 J. Gainer, SBAA 1:22.75
200 YD BACKSTROKE
 D. Koehler, SVST 2:25.53
 M. Salazar, SEMA 2:38.05
 D. Lambert, CANYONS 2:47.58
100 YD BREASTSTROKE
 D. Whetstone, PVST 1:16.45
 D. Lambert, CANYONS 1:26.51
200 YD BREASTSTROKE
 W. McNamara, SBAA 2:34.67
 K. Petrowsky, OXNARD 2:40.00
 S. Boyer, FAST 2:41.48
100 YD BUTTERFLY
 M. Gonzalez, SOGATE 1:07.66
 D. Whetstone, PVST 1:07.39
 A. Fitchum, CLASS 1:07.82
200 YD BUTTERFLY
 D. Koehler, SVST n.t.
 K. Petrowsky, OXNARD 2:22.27
 R. Schmitt, BARSTOW 2:48.79
YD INDIVIDUAL MEDLEY
 M. Salazar, SEMA 2:36.03
 D. Lambert, CANYONS 2:40.56
 D. Delmonico, SANBERN 2:50.92

REGISTER GUARD
INVITATIONAL
 Eugene, Ore.
 June 26-28, 1981 **50 M. Pool**

TEAM STANDINGS
 Willamalene SC 367

Boise Y 292
 Eastmont Aquanauts 219
 Tualatin Hills 207
 Eugene City 165
 Piranha ST 143

GIRLS
10 and under
50 M FREESTYLE
 Teri Williams, NBAC 32.92
 Gina Meyer, R 32.97
 Tracie Childs, THSC 33.65
50 M BACKSTROKE
 Cindi Chandler, SAC 38.54
 Gina Meyer, R 39.64
 Tracie Childs, THSC 39.67
50 M BREASTSTROKE
 Gina Meyer, R 41.86
 Lisa Wright, THSC 42.65
 Julie Ahrendt, CAT 44.19
50 M BUTTERFLY
 Gina Meyer, R 35.71
 Teri Williams, NBAC 36.67
 Tracie Childs, THSC 37.54
200 M INDIVIDUAL MEDLEY
 Lisa Wright, THSC 2:56.06
 Gina Meyer, RSB 2:56.28
 Teri Williams, NBAC 2:58.48

11-12
50 M FREESTYLE
 Jody Smith, THSC 29.81
 Lynette McIndoo, WSC 30.98
 Terri Long, EA 31.72
100 M FREESTYLE
 Margaret Hoeflich, WCH 1:03.37
 Linda Bell, WSC 1:05.53
 Julie Brockert, B 1:05.73
100 M BACKSTROKE
 Jody Smith, THSC 1:17.96
 Lynette McIndoo, WSC 1:19.88
 Kris Jones, MAC 1:21.29
100 M BREASTSTROKE
 Kris Jones, MAC 1:22.04
 Torie Childs, THSC 1:25.81
 Terri Long, EA 1:26.76
100 M BUTTERFLY
 Jody Smith, THSC 1:15.96
 Lynette McIndoo, WSC 1:18.28
 Jennifer Crisp, THSC 1:19.18
200 M INDIVIDUAL MEDLEY
 Jody Smith, THSC 2:43.56
 Kris Jones, MAC 2:44.70
 Terri Long, EA 2:46.68

13-14
50 M FREESTYLE
 Andrea Ziemer, GCAC 28.83
 Heather Hockett, WSC 29.30
 Lisa Wargnier, SAC 30.17
100 M FREESTYLE
 Andrea Ziemer, GCAC 1:04.23
 Michelle Cannard, THSC 1:04.29
 Lisa Wargnier, SAC 1:06.14
400 M FREESTYLE
 Michelle Cannard, THSC 4:55.59
 Sara Maurer, B 4:59.58
 Cynthia Campbell, THSC 5:00.98
100 M BACKSTROKE
 Lisa Wargnier, SAC 1:14.26
 Beth Cochran, WSC 1:17.01
 Nancy Keper, FG 1:17.22
200 M BACKSTROKE
 Lisa Wargnier, SAC 2:41.88
 Christine Hayden, VAN 2:44.61
 Cathy Gonsler, B 2:46.06
100 M BREASTSTROKE
 Lisa Vandenberg, GCAC 1:25.89
 Beth Cochran, WSC 1:29.44
 Diane Goodno, TAC 1:30.24
200 M BREASTSTROKE
 Lisa Vandenberg, GCAC 3:07.12
 Cathy Gonsler, B 3:12.19
 Beth Cochran, WSC 3:12.79
100 M BUTTERFLY
 Michelle Cannard, THSC 1:12.25
 Lisa Vandenberg, GCAC 1:13.11
 Lisa Wargnier, SAC 1:14.63
200 M BUTTERFLY
 Michelle Cannard, THSC 2:37.91
 Michelle Sang, MAC 2:43.33

Western Swimmer Continued

Shannon Heringer, THSC	2:44.41
200 M INDIVIDUAL MEDLEY	
Michelle Cannard, THSC	2:39.80
Lisa Wargnier, SAC	2:42.26
Lisa Vandenberg, GCAC	2:44.57

Open

50 M FREESTYLE	
Margaret Hoeflich, WSC	29.04
Andrea Ziemer, GCAC	29.13
Lisa Wargnier, SAC	29.86
100 M FREESTYLE	
Jody Smith, THSC	1:06.97
Kris Jones, MAC	1:09.33
Lynette McIndoo, WSC	1:09.42
200 M FREESTYLE	
Margaret Hoeflich, WSC	2:17.57
Linda Bell, WSC	2:19.76
Barb Blaser, B	2:20.21
400 M FREESTYLE	
Linda Bell, WSC	4:48.61
Margaret Hoeflich, WSC	4:48.89
Barb Blaser, B	4:49.57

800 M FREESTYLE

Ellen Ferguson, Unat.	9:50.33
Jean Shelton, B	9:54.52
Michelle Cannard, THSC	10:10.57
1500 M FREESTYLE	
Jean Shelton, B	18:43.14
Barb Blaser, B	19:01.16
Ann Mortenson, WSC	19:04.83
100 M BACKSTROKE	
Margaret Hoeflich, WSC	1:10.62
Amy Woodworth, BOH	1:14.27
Jean Shelton, B	1:14.32
200 M BACKSTROKE	
Margaret Hoeflich, WSC	2:33.88
Amy Woodworth, BOH	2:37.47
Jean Shelton, B	2:37.71
100 M BREASTSTROKE	
Barb Blaser, B	1:22.80
Linda Bell, WSC	1:24.02
Heather Simpson, LWAC	1:24.80
200 M BREASTSTROKE	
Barb Blaser, B	2:56.87
Kris Jones, MAC	2:58.07
Linda Bell, WSC	2:59.70
100 M BUTTERFLY	
Margaret Hoeflich, WSC	1:08.16
Ann Mortenson, WSC	1:11.32
Linda Bell, WSC	1:13.03
200 M BUTTERFLY	
Jean Shelton, B	2:37.24
Linda Bell, WSC	2:38.72
Ann Mortenson, WSC	2:44.54
200 M INDIVIDUAL MEDLEY	
Barb Blaser, B	2:33.78
Linda Bell, WSC	2:35.89
margaret Hoeflich, WSC	2:38.35
400 M INDIVIDUAL MEDLEY	
Barb Blaser, B	5:23.40
Linda Bell, WSC	5:32.79
Amy Woodworth, BOH	5:42.47

BOYS

10 and under

50 M FREESTYLE	
John Davis, EA	32.12
Tim Corzine, R	32.47
Seth Johnston, ECSC	32.54
50 M BACKSTROKE	
Tim Corzine, R	38.81
Seth Johnson, ECSC	39.38
Todd Ledford, ECSC	40.46
50 M BREASTSTROKE	
Kirk Adams, GCAC	42.62
Seth Johnson, ECSC	45.67
Drew Peters, EYAC	46.67
50 M BUTTERFLY	
Todd Ledford, ECSC	34.67
John Davis, EA	34.93
Tim Corzine, R	36.93
200 M INDIVIDUAL MEDLEY	
Tim Corzine, R	2:56.89
John Davis, EA	2:57.32
Set Johnston, ECSC	3:01.12

11-12

50 M FREESTYLE	
Matt Pasley, ECSC	29.87
Chris Corno, PST	30.74
Kyle Gray, RR	31.10

100 M FREESTYLE	
Craig Lauinger, CST	1:04.34
Matt Paslay, ECSC	1:08.44
Kyle Gray, RR	1:08.71
400 M FREESTYLE	
Mark Henke, GCST	5:02.20
Andrew Lorys, DD	5:02.65
Kyle Gray, RR	5:06.61
100 M BACKSTROKE	
Craig Lauinger, CST	1:14.53
Patrick Stiles, MAC	1:16.88
Kyle Gray, RR	1:20.68
100 M BREASTSTROKE	
Kyle Gray, RR	1:24.01
Patrick Stiles, MAC	1:24.76
Chris Corno, PST	1:28.71
100 M BUTTERFLY	
Craig Lauinger, CST	1:12.44
Chris Corno, PST	1:17.85
Patrick Stiles, MAC	1:17.98
200 M INDIVIDUAL MEDLEY	
Patrick Stiles, MAC	2:44.87
Chris Corno, PST	2:48.73
Kyle Gray, RR	2:54.06

13-14

50 M FREESTYLE	
Chris Gilman, SOSA	27.01
Ken Malueg, CAT	27.48
Keld Bangsberg, MAC	27.58
100 M FREESTYLE	
Chris Gilman, SOSA	1:00.01
Chuck Hanson, BOH	1:00.76
Kevin Keyo, EA	1:01.37
400 M FREESTYLE	
Chuck Hanson, BOH	4:38.10
Kurt Fry, ECSC	4:38.98
Kenny Page, BV	4:42.93
100 M BACKSTROKE	
Matt Roth, EA	1:09.91
Keld Bansberg, MAC	1:12.63
Mike Morrow, PST	1:14.02
200 M BACKSTROKE	
Matt Roth, EA	2:31.69
Brian Spratt, BOH	2:38.00
Chuck Hanson, BOH	2:38.20
100 M BREASTSTROKE	
Kevin Deyo, EA	1:18.79
Jason Steen, EA	1:20.34
Ken Malueg, CAT	1:22.81
200 M BREASTSTROKE	
Kevin Keyo, EA	2:48.66
Jason Steen, EA	2:55.82
John Fitzgerald, PST	3:00.99
100 M BUTTERFLY	
Kevin Deyo, EA	1:05.86
Matt Roth, EA	1:07.15
Kenny Page, B	1:09.95
200 M BUTTERFLY	
Kevin Deyo, EA	2:25.03
Matt Roth, EA	2:32.77
Kenny Page, BY	2:34.66
200 M INDIVIDUAL MEDLEY	
Kevin Seyo, EA	2:30.70
Matt Roth, EA	2:32.86
Kenny Page, B	2:36.45

Open

50 M FREESTYLE	
Kip Dye, BOH	25.88
Rick Kline, WSC	26.11
Steve Nichols, PST	26.30
100 M FREESTYLE	
Kipp Dye, BOH	56.44
Steve Nichols, PST	57.02
Charlie Patton, PST	57.07
200 M FREESTYLE	
Jeff Erwin, B	2:03.09
Charlie Patton, PST	2:04.52
Don Martin, B	2:05.33
400 M FREESTYLE	
Jeff Erwin, B	4:16.60
Charlie Patton, PST	4:27.52
Don Martin, B	4:27.61
800 M FREESTYLE	
Jeff Erwin, B	8:54.46
Kipp Dye, BOH	9:14.18
Philip Kierney, Unat.	9:17.96
1500 M FREESTYLE	
Jeff Erwin, B	16:46.64
Darrin Lajoie, ECSC	17:40.09
Philip Kierney, Unat.	17:50.09
100 M BACKSTROKE	
Kipp Dye, BOH	1:06.60

Jeff Leak, GCAC	1:08.87
Steve Nichols, PST	1:09.26
200 M BACKSTROKE	
Jeff Erwin, BY	2:23.79
Chris Doyle, FG	2:29.89
Kipp Dye, BOH	2:29.99
100 M BREASTSTROKE	
Don Martin, B	1:12.07
Sean Taylor, BOH	1:13.74
Mark Bussey, PST	1:14.10
200 M BREASTSTROKE	
Don Martin, B	2:38.26
Mark Bussey, PST	2:39.00
Scott Osuna, WSC	2:41.84
100 M BUTTERFLY	
Don Martin, B	1:02.90
Kipp Dye, BOH	1:03.69
Mark Bussey, PST	1:03.69
200 M BUTTERFLY	
Jeff Erwin, BY	2:18.56
Don Martin, BY	2:20.88
Mark Bussey, PST	2:21.39
200 M INDIVIDUAL MEDLEY	
Jeff Erwin, BY	2:20.32
Don Martin, BY	2:21.52
Mark Bussey, PST	2:23.21
400 M INDIVIDUAL MEDLEY	
Jeff Erwin, B	4:54.74
Don Martin, B	5:08.23
Phiip Kierney, Unat.	5:10.27

C. Kaiser, RLSC	32.54
J. Swail, STOP	32.71
100 M FREESTYLE	
M. Bissegger, RAA	1:07.98
K. Kennedy, SBAA	1:09.42
J. Swail, STOP	1:11.98
200 M FREESTYLE	
M. Bissegger, RAA	2:24.54
J. Evans, FAST	2:27.04
M. Butcher, MISSION	2:30.71
50 M BACKSTROKE	
J. Cairns, MISSION	35.84
D. Coate, NOVAS	37.29
A. Wattles, Unat.	37.32
100 M BACKSTROKE	
J. Cairns, MISSION	1:16.93
D. Coate, NOVAS	1:21.01
A. Wattles, Unat.	1:21.23
50 M BREASTSTROKE	
D. Coate, NOVAS	40.99
K. Kennedy, SBAA	41.15
N. Hall, Unat.	41.63
50 M BREASTSTROKE	
D. Coate, NOVAS	1:29.15
J. Evans, FAST	1:31.36
50 M BUTTERFLY	
M. Bissegger, RAA	32.96
S. Caplan, SBAA	34.55
K. Kennedy, SBAA	35.46
100 M BUTTERFLY	
M. Bissegger, RAA	1:11.81
J. Cairns, MISSION	1:17.30
K. Kennedy, SBAA	1:17.38
200 M INDIVIDUAL MEDLEY	
M. Bissegger, RAA	2:41.73
J. Cairns, MISSION	2:41.99
D. Coate, NOVAS	2:45.87

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JUNIOR OLYMPIC
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Cypress, Calif.**

Aug. 1-3, 1981 50 M. Pool

GIRLS

10 and under	
K. Kennedy, SBAA	31.74

11-12

50 M FREESTYLE	
K. Bryson, SURF	28.95

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friends.

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Western Swimmer Continued

L. Freeman, Unat.	29.47
K. Lapschies, FAST	29.85
100 M FREESTYLE	
K. Bryson, SURF	1:02.51
L. Freeman, Unat.	1:03.95
L. Daland, SVST	1:05.22
200 M FREESTYLE	
A. White, NOVAS	2:13.46
L. Daland, SVST	2:15.12
K. Abrams, Unat.	2:15.87
400 M FREESTYLE	
A. White, NOVAS	4:36.95
A. Reetz, CYPRESS	4:40.77
L. Daland, SCST	4:43.77
50 M BACKSTROKE	
A. White, NOVAS	32.57
T. Kelly, SVST	33.53
K. Bryson, SURF	33.95
100 M BACKSTROKE	
A. White, NOVAS	1:09.14
K. Bryson, SURF	1:12.55
K. Lapschies, FAST	1:14.94
50 M BREASTSTROKE	
L. Kory, Unat.	37.63
K. Myers, BUENA	38.36
K. Garrett, RLSC	38.62
100 M BREASTSTROKE	
L. Kory, Unat.	1:22.24
K. Rowe, BEACH	1:23.02
K. Garrett, RLSC	1:23.43
50 M BUTTERFLY	
K. Lapschies, FAST	31.70
T. Kelly, SVST	31.76
J. Martin, CYPRESS	32.07
100 M BUTTERFLY	
A. White, NOVAS	1:09.05
K. Lapschies, FAST	1:10.58
D. Twidwell, SPPY	1:10.69
200 M INDIVIDUAL MEDLEY	
L. Kory, Unat.	2:36.00T
L. Meyers, MISSION	2:36.00T
K. Abrams, Unat.	2:38.83
13-14	
50 M FREESTYLE	
S. Hoisch, VALLEY	28.04
H. Platner, RAA	28.17
L. White, Unat.	28.22
100 M FREESTYLE	
S. Hoisch, VALLEY	1:02.29
L. Otto, IHAC	1:02.38
K. Sopp, MISSION	1:02.41
200 M FREESTYLE	
K. Palle, MISSION	2:10.69
L. Otto, IHAC	2:11.67
C. Fukazawa, IHAC	2:12.96

400 M FREESTYLE	
L. Otto, IHAC	4:31.85
C. Fukazawa, IHAC	4:31.87
P. Pykko, MISSION	4:34.65
800 M FREESTYLE	
C. Fukazawa, IHAC	9:31.64
L. Otto, IHAC	9:26.46
K. Ryan, CLASS	9:31.07
1500 M FREESTYLE	
K. Palle, MISSION	17:47.43
C. Fukazawa, IHAC	17:38.11
K. Lambert, CANYONS	18:09.15
100 M BACKSTROKE	
E. Ray, TANDEM	1:09.31
S. Rohne, HBAC	1:09.84
B. Suttle, NOVAS	1:11.10
200 M BACKSTROKE	
S. Rohne, HBAC	2:28.76
E. Ray, TANDEM	2:29.90
B. Suttle, NOVAS	2:32.19
100 M BREASTSTROKE	
C. Wheelock, PENN	1:18.35
D. Barrett, NOVAS	1:18.99
L. Chang, GLENY	1:20.78
200 M BREASTSTROKE	
L. O'Connell, IHAC	2:50.42
C. Wheelock, PENN	2:51.35
D. Barrett, NOVAS	2:51.62
100 M BUTTERFLY	
L. Whipple, IHAC	1:05.92
S. Kohne, HBAC	1:07.47
C. Gillespie, RAA	1:08.07
200 M BUTTERFLY	
L. Whipple, IHAC	2:25.60
N. Weiglin, CYPRESS	2:26.39
S. Kohne, HBAC	2:26.96
200 M INDIVIDUAL MEDLEY	
L. Whipple, IHAC	2:26.76
K. Palle, MISSION	2:32.24
L. Weiglin, CYPRESS	2:32.40
400 M INDIVIDUAL MEDLEY	
K. Palle, MISSION	5:18.62
C. Grant, NOVAS	5:19.77
L. Chang, GLENY	5:27.24
15-16	
50 M FREESTYLE	
S. Alexander, RAA	27.84
S. Meckoll, RAA	27.93
S. Wallace, MISSION	28.67
100 M FREESTYLE	
S. Meckoll, RAA	1:00.80
J. Hohne, IHAC	1:01.35
C. Lawrence, Unat.	1:01.86
200 M FREESTYLE	
S. Meckoll, RAA	2:10.20

C. Cast, GLENY	2:10.79
C. Dudash, IHAC	2:11.00
400 M FREESTYLE	
C. Cast, GLENY	4:30.61
C. Dudash, IHAC	4:31.87
A. Dowman, NOVAS	4:36.47
800 M FREESTYLE	
C. Cast, GLENY	9:19.82
C. Dudash, IHAC	9:25.15
J. Hottenroth, BEACH	9:30.02
1500 M FREESTYLE	
P. Gillespie, MISSION	17:58.20
J. Hottenroth, BEACH	18:10.11
K. Tomec, CSA	18:12.11
100 M BACKSTROKE	
T. Kluth, FLINT	1:09.75
K. Brown, MISSION	1:11.80
K. Tamec, CSA	1:11.97
200 M BACKSTROKE	
K. Tamec, CSA	2:29.73
J. Hohne, IHAC	2:31.98
G. Groves, MISSION	2:32.40
100 M BREASTSTROKE	
S. Verbanatz, RAA	1:17.89
B. Ream, HBAC	1:18.45
E. Fong, NIKE	1:18.86
200 M BREASTSTROKE	
S. Verbanatz, RAA	2:51.58
T. Mulvany, CLASS	2:51.59
S. Morwood, MISSION	2:56.48
100 M BUTTERFLY	
S. Meckoll, RAA	1:07.56
T. Lagager, CLASS	1:07.83
C. Cast, GLENY	1:08.22
200 M BUTTERFLY	
C. Cast, GLENY	2:25.08
C. Garcia, Unat.	2:27.62
H. Hanson, LOSAAA	2:29.16
200 M INDIVIDUAL MEDLEY	
S. Meckoll, RAA	2:30.55
T. Mulvany, CLASS	2:30.77
J. Hohne, IHAC	2:31.94
400 M INDIVIDUAL MEDLEY	
T. Mulvany, CLASS	5:14.86
K. Tomec, CSA	5:18.59
S. Moorwood, MISSION	5:22.08
17-18	
50 M FREESTYLE	
K. Hall, NIKE	27.88
E. Menzie, PVAC	28.27
E. Ricketts, NOVAS	28.72
100 M FREESTYLE	
M. Schultz, BEACH	1:00.64
E. Ricketts, NOVAS	1:01.84
C. Patterson, Unat.	1:01.90

200 M FREESTYLE	
E. Ricketts, NOVAS	2:10.37
D. Graner, Unat.	2:11.97
K. Benzick, GLENY	2:16.29
400 M FREESTYLE	
E. Ricketts, NOVAS	4:32.99
D. Graner, Unat.	4:36.91
M. Schulz, BEACH	1:43.31
800 M FREESTYLE	
K. Hall, NIKE	9:08.04
E. Ricketts, NOVAS	9:21.06
K. Benzick, GLENY	9:32.13
1500 M FREESTYLE	
W. Windle, CLASS	17:55.75
K. Benzick, GLENY	18:13.85
L. Parrish, BEACH	18:19.61
100 M BACKSTROKE	
E. Muchow, BEACH	1:10.90
M. Hsu, IHAC	1:12.65
Kerry Gillespie, MISSION	1:13.13
200 M BACKSTROKE	
K. Cox, CLASS	2:28.20
E. Muchow, BEACH	2:28.64
K. Leggel, IHAC	2:30.44
100 M BREASTSTROKE	
K. Hall, NIKE	1:19.95
R. Molese, Unat.	1:19.99
A. Woolfolk, BEACH	1:21.45
200 M BREASTSTROKE	
R. Molese, Unat.	2:51.51
C. Ray, Unat.	2:57.43
S. Taylor, CLASS	2:55.26
100 M BUTTERFLY	
K. Hall, NIKE	1:06.30
D. Graner, Unat.	1:07.61
M. Hsu, IHAC	1:08.59
200 M BUTTERFLY	
Kathy Gillespie, MISSION	2:26.76
K. VanPelt, BUENA	2:29.41
J. Picker, FLINT	2:29.64
200 M INDIVIDUAL MEDLEY	
K. Cox, CLASS	2:30.31
W. Blake, CYPRESS	2:30.64
E. Muchow, BEACH	2:32.34
400 M INDIVIDUAL MEDLEY	
K. Hall, NIKE	5:17.65
W. Blake, CYPRESS	5:17.86
E. Muchow, BEACH	5:28.46

It's A Matter of Style

In order for meet results to be published in *Western Swimmer*, it is imperative that the following instructions are followed when results are submitted:

- We require that results be either typed or printed legibly.
- Each division should be listed separately (i.e., A precedes B, then C, etc.)
- Start the results with the youngest age group, and proceed accordingly.
- Kindly organize the strokes in the following order: freestyle, backstroke, breaststroke, butterfly and individual medley.
- Do not include relay results, unless they qualify as state or national records.
- List only top three finishers in each event.
- Please include a copy of the official results if at all possible.

Official meet reporting forms are available from *Swimming World*, P.O. Box 45497, Los Angeles, Calif. 90045.

It would also help to include the name and phone number, as well as the return address, of the person sending the results, as it would allow us to clear any questions and guarantee the publication of your results at the earliest possible date. Also, feel free to include any photographs or relevant notes from the meet. □

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_____ Small (34-36)

_____ Medium (38-40)

_____ Large (42-44)

_____ X-Large (46-48)

Mental Focus

By Don Swartz



This forum is conducted by Don Swartz on a monthly basis. Don is the former coach of the Marin Aquatic Club and is presently director of the Creative Performance Institute. CPI conducts workshops in mental preparation for athletes and coaches all across the country. All questions should be directed to Don at P.O. Box 1485, San Rafael, Calif. 94915.

I have had a number of inquiries in the last several months about the visualization process. One that I received last week has prompted me to address this topic in this month's column.

The letter was from a reader who had experienced some frustrations in the final weeks of preparation for the championship season this summer. She was unable to clearly focus and concentrate on the important part of her races. Also, it was frustrating for her to find that she could visualize fairly well only when someone else led her through the process, yet on her own very little came into focus.

Obviously, she was also concerned that she kept drifting toward thoughts of failure rather than success. After reassuring her that her concerns were not uncommon, I offered a few suggestions.

While most athletes tend to do their most intense mental rehearsing as the season moves into the competitive phase, this reader's comments made me feel that this would be a good time to review some of the basics involved in the visualization process.

The terms visualization, imagining and mental rehearsal can be effectively used interchangeably. They all refer to the process of previewing an upcoming event in your mind's eye. (Check out *Seeing with the Mind's Eye* by Samuels and Samuels.) First let's review the prin-

ciples involved.

The subconscious part of your thought process does not differentiate between real events and imagined events that are accompanied by strong, vivid emotions. All of your perceptions, real or imagined, are stored in your subconscious. They are then used by the subconscious and your internal goal-seeking mechanism to help you deal with everyday situations.

All of you have an image stored in your subconscious of yourself as a swimmer. You know which stroke is your favorite (no doubt the one in which you are fastest) and what distances you prefer. You also have a pretty clear idea as to the type of workouts in which you excel.

These strengths are stored in your subconscious and are used in your everyday swim life. When the coach presents a set in workout you automatically respond, favorably or unfavorably, depending upon this image.

When athletes desire to make a change in their performance, they often merely work harder physically. The truly high-level performer also works hard mentally. He or she uses the power of the imagination. By vividly imagining a new or previously perceived difficult task on the internal television screen, the athlete becomes more familiar and comfortable with the thought of the upcoming challenge. By picturing and feeling in detail the successful outcome, the internal image is changed from one of doubt and uncertainty to one of positive expectation.

The subconscious does not distinguish between real experience and imagined experience. Whichever picture is more vivid and dominant—success or failure—determines the outcome.

Yes! You need to be in shape, and yes, you need to possess the skills.

However, visualization can be used to enhance those characteristics, too.

The foregoing is a very brief synopsis of a rather detailed topic. We can go into more detail if you would like in a future column. For now, let us shift to the questions that were raised by the letter I mentioned earlier.

If you have never practiced mental rehearsal or visualization, this is the perfect time of year to start. Or if you have tried it a couple of times but felt the same frustrations that were mentioned, now is a good time to work on your skills.

The art of imagining is similar to the art of swimming. You know you can do it, but you need to practice and learn to control it. Here are some suggestions for early season training so that when the meets come around, you'll be ready for the more complex situations that occur.

Stand by the edge of the pool. See the color of the water. Close your eyes and try to see the color on our internal TV screen. If you can't, or the picture fades to black and white, do not worry. Simply open your eyes and look at it again. Then close your eyes and try some more. It is important not to force it. (If this is too difficult, then try something really familiar—like writing your name on a piece of paper then closing your eyes and seeing your signature in your imagination.)

Next look at the lane lines. What shape are they? What color? Do the colors change down the pool? Close your eyes and try to see all of this. Can you imagine your coach walking about the pool deck? Where is his/her favorite place to stand? Close your eyes and see it. All of this is visual. Practice as much of this type of imagining until you have it down pretty well. Can you do it while at home or any place you choose? When you can, move to sensations.

While standing on the pool deck, feel the texture on the bottom of your feet. Then sit somewhere with your feet on a different texture and feel the first one. Or how about trying to feel the temperature of the water? First put a foot or hand in and then imagine your whole body sensing the temperature as you jump or dive in.

continued on page 57

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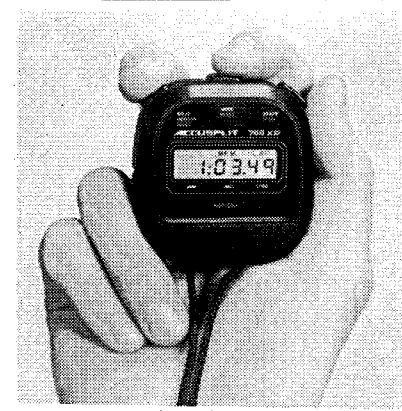
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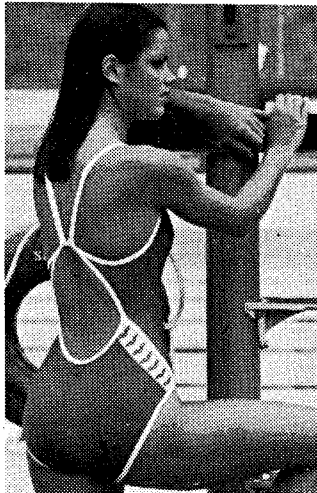
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NISCA Soundings

By Charles E. "Skip" Bird



Dr. Keith Bell had sent me a copy of his book, *The Nuts and Bolts of Psychology for Swimmers*, late last winter, and I read it before journeying to his hometown of Austin for the NISCA meetings and the NCAA swim meet.

Flying into Austin, I had a minor emergency, so Dr. Bell met me at the airport and rescued me like the Texas Rangers of old. In the same way, this fine book can rescue the coach or athlete who needs assistance in focusing his mental energies—and that includes most of us.

As an English teacher, I heartily approve of the care with which the book was written and published. As one who has to prepare material frequently for publication, I can appreciate the conciseness, precision and style of the final product. As a coach, I recommend the book without reservation and with complete enthusiasm to all of my colleagues and their swimmers. It is simply a fine, clear and useful book.

Each year at our Indiana High School Swimming Coaches Clinic, we feature several books. We bring in a supply and offer them to our membership. This year we are selling Keith Bell's book because we believe that our coaches will enjoy this book and, along with their swimmers, will benefit greatly from it.

At the NAAs in Austin, I had a chance to visit with Dr. Bell on several occasions. I was impressed at how many of the Texas swimmers came up to him and thanked him for his season-long contributions to their success. His effect on them must have been significant for them to have made such a point of acknowledging it.

You have probably seen this book reviewed elsewhere and have certainly seen the advertisements, but if you don't have a copy, you are

missing something that could make a significant improvement in your program.

In Chicago at the fall World Swim Clinic, Dr. Bell's sessions were quite successful. One coach mentioned that he took notes furiously, trying to keep up with all of the ideas that Dr. Bell presented in a manner that was so low-key that the casual observer might well miss the importance of some of the suggestions. This oral presentation is in keeping

*“. . . we must all
continue to learn if we
are to continue to evolve
personally and
professionally.”*

with the way in which the book itself makes valuable points without hitting you over the head with them.

I was also pleased and excited by Keith's telling me that his second book is coming out soon. Everyone who has read *Nuts and Bolts* must be looking forward to this next one.

Because it is evident that we must all continue to learn if we are to continue to evolve personally and professionally, I'd like to suggest several other books that I have recently purchased.

Peak Performance: Mental Game Plans for Maximizing Your Athletic Potential by David R. Kauss, Ph.D., Prentice-Hall, Inc., Englewood Cliffs, N.J. 07632, 1980, Spectrum S-689, \$7.95. This book is described as a guide to mental readiness for coaches and athletes at

all levels. The book's emphases include tips on improving concentration, harnessing emotion, "psyching up" and gaining the "winning edge."

Special features are an athletic performance survey to show areas of strength and weakness in developing an individual mental preparedness program; a "Count-down to Competition" checklist of how to prepare during the 48 hours before the meet; a section on special problems and how to eliminate them (bad habits, strange pools, losing momentum, etc.). The book appears to be quite thorough in its discussion of these and related areas.

The Awakened Mind by C. Maxwell Cade and Nona Coxhead, Dell Publishing, Delta TM 755118, 1980, \$4.95, is a discussion of biofeedback and getting the mind and body in tune with each other and developing a more acute awareness of what is going on in each. Various portions of the book deal with the relationship of biofeedback to self-awareness, higher states of awareness and the healing process.

These last two books I have just received and have not as yet more than glanced through. Therefore, I mention them not to recommend them, but rather to announce their publication to those of you who may wish to read them for your own information.

However, I have read *The Psychic Side of Sport* by Michael Murphy and Rea A. White, published by Addison Wesley, 4729, Reading, Mass., 1978, \$5.95. While I personally found the material fascinating, it is probably most suitable to the individual who wishes to explore the full range—and beyond—of phenomenon associated with athletics, even out-of-body experiences and parapsychology. Some of the more easily accepted ideas deal with the feeling of invincibility and perpetual motion we achieve at times when our stroke is right in the groove and we are turning over repeats better than we ever have.

In short, this book may not have a great deal of relevance and may not be very practical for most coaches, but as I always say, "For those of you who enjoy this sort of thing, this is the sort of thing you will enjoy." □

Water Polo Shots

By Chris Georges



The United States, after finishing fourth at the FINA Cup in May, acquitted itself well at several major international competitions this summer. Before beginning play at the World University Games in Bucharest, Romania, the U.S. team stopped off at Athens for the Six Nations Tournament. In a game which saw the score tied seven times, Greece edged the United States in the waning seconds, 11-10, and went on to take the tournament. The Americans quickly dispatched their other opponents, triumphing over Czechoslovakia (14-8), Bulgaria (12-3), Sweden (11-7) and Canada (13-5), finishing second overall.

After that tuneup the U.S. team arrived in Bucharest. The first round of University Games play, report Dennis Fosdick and Jimmy Smith, went without a hitch except for a narrow escape from Cuba. With five minutes to play the United States led, 8-5. But a 4-meter foul and a quick counterattack by the Cubans brought them to within one in the last minute. The young Americans settled down and held on to the ball, however, advancing to the championship round. Their other prelim wins were over Mexico (10-6), China (12-5) and Yugoslavia (9-6).

In the first final-round game, the United States faced the Soviet Union. Trailing 4-3 at halftime, the U.S. players finally pulled ahead 5-4 on a 6-on-5 play from Jamie Bergeson to Greg Boyer. Action went back and forth until, with one second remaining and the score at 8-8, Boyer was charged with a 4-meter foul. U.S. goalie John Gansel managed to block the penalty throw to salvage the tie and the Americans' exclusive unbeaten status.

After disposing of Hungary, 7-3, the United States faced Romania in

the final game. A win or a tie for the USA would net the gold medal; a loss would earn the silver. The Romanians scored two quick ones before the Americans even came out to play; it was 3-1 after the first period for Romania. By the middle of the third quarter it was 5-1.

The United States scored three successive goals on Romanian ejections to make it 5-4 with about two minutes to go, but Romania later counterattacked and ended up winning, 6-4. Overall, Cuba won the title with a 4-1 record; the USA was next at 3-1-1 and Romania took third (3-2-0).

Making the trip for the United States were goalies Gansel and Craig Wilson, field players Bergeson, Boyer, Jody Campbell, Peter Campbell, John Dobrott, Mike Grier, Alan Mouchawar and George Newland, coaches Dante Dettamanti and Pete Snyder, and manager Dennis Fosdick.

Another U.S. runner-up finish was notched by a team competing in the Maccabiah Games in Tel Aviv, July 7-12. The squad, headed by Ron Crawford and George Harris of Long Beach State and USC, respectively, won all of its initial games but one by at least nine points. Then, in the decisive USA-Israel match, the Americans faced a tough opponent.

Coach Harris reports that "the final game with Israel in the 3,000-seat Tel Aviv University swimming complex was sold out a half-hour prior to game time. There was such an overflow that people were watching from outside the stadium in grassy picnic areas and from buildings—there had to be 3,500-plus spectators."

Israel jumped out to a 5-1 lead but the U.S. players battled back to tie at 7 apiece by halftime. By the fourth period Israel had outscored

the USA 5-1 again, to lead 12-8. With 90 seconds in the game the Americans had closed to 14-12 and had possession. An ejection against Israel gave the United States a 6-on-5, but the Americans failed to capitalize and Israel scored again to win, 15-12.

According to Harris, "The Israeli team outshone the Americans with their constant thrust on the counterattack. All four quarters they had the U.S. playing defense and it appeared the much older American team tired more quickly."

Members of the Maccabiah team were Jack Ettelson, Ed Hirsch, David Kent, Eric "Lucky" Linder, Steven Marks, Greg Nelson, Stephen Pogostin, Dennis Needleman, Dave Post, Ben Rosenblatt, Paul Schrier, Roy Salter (goalie) and Rickie Soloman (goalie).

In the World Junior Championships held Sept. 14-20 in Milan, Como and Bergamo, Italy, the United States drew the toughest first-round schedule in the tournament. The U.S. team downed Israel, 18-9, but lost to Spain (11-9) and eventual fourth-place finisher Italy (12-9). Two teams from each of the four groups advanced to the championship round; the Americans were relegated to the consolation bracket. Coached by Bill Barnett, the USA breezed to wins over India (26-1), Japan (12-4), New Zealand (21-8) and Australia (12-8) to win the consols and earn ninth place.

The Soviet Union won the tournament, followed by Cuba and Hungary. According to Barnett, Dan O'Connell from Chicago and John Gifford of Newport Beach were probably the most consistent U.S. players. Other members of the junior squad were goalies Eric Davison and Steve Moyer and field players Diggy Riley, Mike Howell, Doug Bolicek, Bob Ratkovic, Scott Thornton, John Felix, Bruce Perry and Mike Haley. Assistant coach was Steve Heaston; manager was Rick Jones.

The Junior National (19 and under) Championships were held Aug. 1-3 in Fort Lauderdale, followed by the National Junior Olympics Aug. 5-9 in Winston-Salem, N.C. Commerce, coached by Louie Bejarano and Julie Davalos, cap-

tured the women's title at Junior Nats while Paul Clark's Stanford men took their division with a 6-4 win over West Coast. North Miami Beach and Hawaii Rainbows were second and third among women; West Coast and Commerce took the show and place spots for the men.

At NJOs, Coach Dennis Mobley's Tucson Red Devils swept the 17 and under and 15 and under girls' brackets, edging Duke City in each. South Toledo Y and Chicagoland were third in the 15s and 17s, respectively. In the boys' races, Mike McNaMa's West Coast team turned the tables on Stanford from the previous weekend by winning the 17 and unders with an identical 6-4 score; Commerce was third in that age group. Merced, coached by Flip Hassett, took the boys' 15 and under crown over De Anza.

JUNIOR NATIONALS ALL-TOURNAMENT TEAM

Girls: Margo Miranda (MVP), Teresa Gonzales, Carmen Bejarano, April Gascon, Debbie Powell, Yolanda Gascon (Commerce); Mary Keen, Tina Holley, Carla Finkel, Julie Singleton, (North Miami Beach); Anna Marie Miller, Buki Drummond, Shari Baird, Anna Marie Chong (Hawaii).

Boys: Dan O'Connell (MVP, Chicagoland); Brian Flint, Bob Abbott, Mark Daley, Petter Golli (Stanford); Dean Reed, Eric Grant, Dave Shanahan (West Coast); Gerald Powell, Anthony Miranda, Art Davalos (Commerce); Frank Bequirstain (Miami); Mike

Greenwald (North Miami Beach); Mike Fernstrom (Daisy).

JUNIOR OLYMPIC ALL-AMERICA TEAM

Girls' 15 and under: Patty McMahon, Gina Olsen, Krista Burke, Jennifer Stan, K.K. Marner, Debbie Dale (Tucson); Tori Mitas, Kathy Benson, Susan Durkee, Vicki Balthaser, Nancy Simon (Duke City); Joy Siford, Cate Witte, Wendy Visser (South Toledo Y). **Honorable Mention:** Debbie O'Dowd, Ellen Sokowski; Anna Marie Halka, (Tucson); Beth Ziegler, Stephanie Hecht, Jan Skibski, Susan Light, Beckie Yankovic (South Toledo YMCA).

Girls' 17 and under: Marsha Benier, Susie Skinner, Kristi Chapman, Patty McMahon (Tucson); Michele Dana, Tori Mitas, Kathy Benson, Lisa Gerber (Duke City); Kelli Billish, Maura Billish (Chicagoland); Loren Presbrey (North Miami Beach); Nan Spalding, Kim Kohlhass (Cumberland Valley); Pam Reinhart (South Toledo Y). **Honorable Mention:** Kym Minke, Shannon Riley, Sally Rusk (Tucson); Nancy Simon, Susan Durkee (Duke City); Sue O'Conner, Sally Mulcrone, Nancy O'Brien (Chicagoland); Cheryl Kirschnr, Karen Beber, Mary Keen (North Miami Beach); Linda Rutter (Cumberland Valley); Nancy Ward, Kelly Feeley (South Toledo Y).

Boys' 15 and under: Pat Reed, Matt Kennedy, Bill Schoening, Mike Osborn (Merced); Jeff Brush, Walter Frey, Scott Baumgartner (De Anza); Peter Balsells, Mike Goolger, Mark Brosius (Tustin); Dave Imbernino, Joe Roh (Corona Del Mar); Jeff Pfiffner (West Coast); Paul Prew (New Mexico). **Honorable Mention:** Dan McGrath, Andre Weiglan, Tracy Stapleton (Merced); Tomec Jerzejewicz, Can Taysi (De Anza); Jim Lock, George Horn (Chicagoland); Pat Looftbourrow, Tom Temple (Corona Del Mar); Mike Doting (Tustin); Eric Messner (West Coast); Neil Morley (New Mexico); Marc Schulman (Miami); Jim Smith (Portage Park).

Boys' 17 and under: Dean Reed, Eric Grant, Dana Twohig, John Schriver, John DeFiesta (West Coast); Bob Abbott, Carl Gunn, Mark Daley, Russ Tanner (Stanford); Augie Barragan, George Garcia, Anthony Miranda (Commerce); Pat Reed, Steve Coupland (Merced). **Honorable Mention:** Dave Shanahan, Frank Veldhuizen (West Coast); Peter Golli, Brian Flint (Stanford); Alfonso Gonzales (Commerce); Matt Kennedy, Bill Schoening (Merced); Joe Seybold, Bruce Honey, Ed Jovellanos (Downey); John Dicks (New Mexico); Dan O'Connell (Chicagoland); Geoff Cole (Miami); Marc Gleichert (Ann Arbor).

Hudson Valley and Central each repeated as champion in their respective divisions of New York State's Empire Games, Aug. 12-16 in Syracuse, reports Frank Moorman. Hudson Valley cruised to its title in the Open Regional class, and was followed by New York City and Central. In the Scholastic Regional division, Central had to win or tie its final game against Long Island to clinch the crown. And win it did, romping 10-5 for the victory.

The U.S. national team traveled to the Orient in October for training in Japan and an eight-team tournament in China, Oct. 11-17. Japan, Yugoslavia, West Germany, Australia, New Zealand and two Chinese squads also participated in the event in the city of Chengtu.

A banquet for the United States Water Polo Hall of Fame will be held Dec. 1 at the Los Angeles Airport Hyatt Hotel. Tickets are \$15.50. Information can be obtained by contacting USWP President Barbara Kalbus at (213) 420-4406. □



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Diving

By Ellen Legg



June 1-3
June 7-9
June 18-20

Australian Invitational, Australia
Bolzano International, Italy
Swedish Cup, Ronneby, Sweden

The USAS convention at Snowbird, Utah, Sept. 28-Oct. 3, was unquestionably a working session for attending members of United States Diving. Completion of the convention marked the beginning of a totally autonomous USA Diving (no more AAU apron strings), making it understandable that meetings were long and vocal as kinks were ironed out of the game plan for the upcoming year.

Much of the discussion centered around the Age Group/Junior Olympic program and resulted in a number of changes for age groupers.

Firstly, a format change for the JOs has regrouped upper ages from the 15-16 and 17-18 groups to a single 15-17 division. Due to this, it seems likely that we will see fewer senior divers at the JO Nationals next year, and the program may be in better keeping with the idea of "age group."

Age group divers wishing to qualify for the national competition will be able to do so only at the four zone qualifying meets. Previously, divers were taken from both zone and regional competition. A total of 20 divers—five from each zone—will become eligible through the zone qualifying meets to compete at the National Age Group Junior Olympic Diving Championships scheduled for Aug. 10-14, 1982, at Noblesville, Ind.

Those who do qualify and, particularly, those who qualify in a younger age group will find a new look to the NJOs with the addition of a 12 and under tower event. The tower was added in an effort to step up the developmental aspect of the program.

Additionally, a recommendation was passed that whenever possible and feasible, the Age Group Nationals should be held in the same zone as the Senior Nationals for that year. The two competitions are

generally held during successive weeks in August, hence, the suggestion as a possible solution to over-extended travel budgets. The Senior Nationals are scheduled for Aug. 17-21 at Settler's Cabin Park, Pittsburgh, Pa.

At the senior level, the most consequential decision related to the unattached period for collegiate divers. Previously, a college diver was free at the finish of the college season and could immediately begin representing the club of his choice.

New for next year, a diver wishing to compete for a club different than his immediate previous club must, following the college season, establish physical residence for at least 90 days in the association of the new club. The 90 days is the unattached period, and a diver cannot represent any club during that time.

The college diver may return to the club of his/her previous affiliation without serving the 90-day unattached status.

Another major change came in an effort to organize at the grass roots level and revamp some of the AAU heritage. The effort was the realignment of association boundaries with the result, hopefully, being standardized divisions and better representation. Full details of the new alignments will be found in the 1982 code of regulations.

On the international calendar, 1982 promises to be busy for divers. A dual meet between the USA and USSR is scheduled for Sept. 4-5 at the soon-to-be-completed Indianapolis natatorium. The USA International Meet will return, once again, to Fort Lauderdale, Fla., May 7-9. Several other meets are tentatively on the international schedule for the U.S. national team:

May 1-3
May 21-23

Canada Cup, Canada
International Meet, Havana,
Cuba

The national team will be selected on the same basis as last year—top finishers from the senior national championships.

Representatives to the World Championships will be selected via the National Sports Festival. The top two finishers in each included event will make up the team.

Registration for USA Diving for 1982 will be \$10. This includes a stepped-up insurance plan with coverage for both accident and liability. Registration should be accomplished through your local diving committee, but further information can be obtained by contacting the national office.

And speaking of the national office, they've moved. USA Diving is in interim offices pending the move to the Indianapolis Natatorium: United States Diving, Merchants Plaza, 115 W. Washington St., Indianapolis, Ind. 46204 (mailing address: P.O. Box 1811, Indianapolis, Ind. 46206).

The following account of the Empire State Games diving competition was submitted by Robert Kersch, president of the New York State Certified Swimming Officials Association:

The fifth annual Empire State Games, a New York State Olympic-style competition, took place Aug. 12-16 in Syracuse, site of the recent National Sports Festival. Nearly 5,500 athletes, representing the six geographical regions of the state, were present at this Olympic developmental meet.

A number of the 23 different sports competitors had both current and past U.S. Olympic team membership, as New York is the second leading home state of U.S. Olympic team members. Those individuals competing for gold, silver and bronze were the cream of an estimated 75,000 New Yorkers who entered the athletic competition.

Diving, as was the case in most sports, saw an exceptionally fine array of athletes competing. With four of eight events having record-breaking performances, it was evident that the caliber of the meet has improved vastly and that many of the competitors could compete on a ▶

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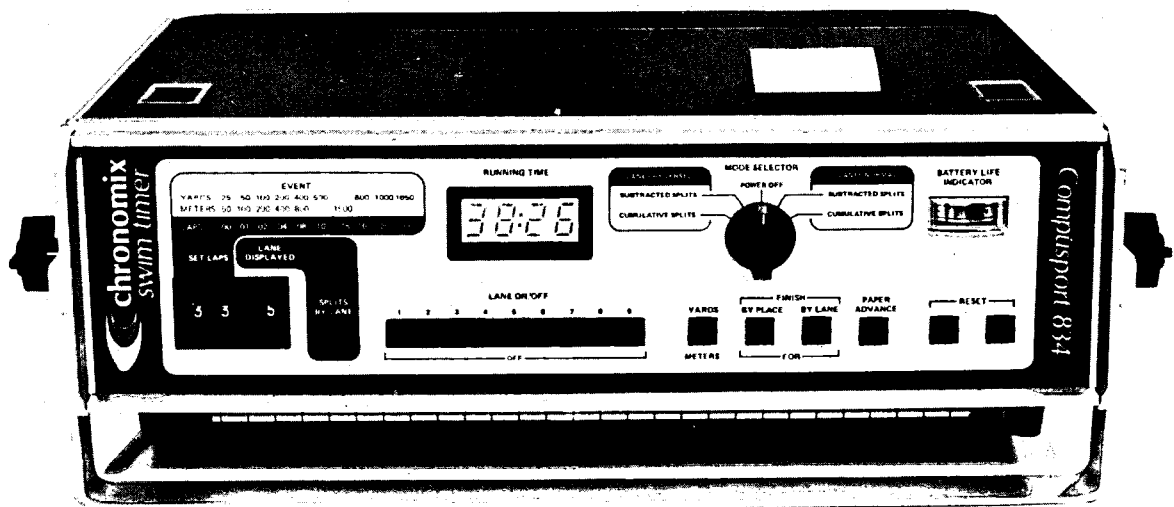
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Diving

continued

national basis. This fact was underscored when several All-American competitors were unable to capture the gold in their respective divisions.

Mark Russell of Spencerport and the University of Kentucky was the big individual winner, capturing both the one- and three-meter competition in the men's open division. Mark faced serious competition from a host of competitors, including Atlantic Coast Conference one- and three-meter champion Paul Brietfeller. He was consistent throughout and came up with one of his finest performances, establishing a new Games record on the three-meter board.

The coolness with which he prevailed was evident on his eighth dive. Prepared to do another dive, Mark was surprised when it was announced that his next dive would be a reverse 1½ somersault with 2½ twists. Showing the "mark" of a

champion, he performed admirably and received scores of 7s and 8s for his efforts.

In the scholastic boys' division, All-American Glen Barroncini of Long Island outdistanced his competitors by 40 or more points to win the one-meter competition handily. The three-meter competition saw Garth Gasse of Western New York successfully defend his championship and, in the process, erase the record of Mike Bowden by 30 points.

Linda Grunden, competing for Central New York, captured the scholastic women's one-meter crown by nearly 25 points with a consistent performance. In the women's three-meter competition, Jessica Follett, returning after a one-year break due to a diving injury, triumphantly captured her first gold.

Betsy Spiegel, a double gold winner in the scholastic division the previous year, moved into the women's open division most successfully and garnered gold in the

one-meter springboard competition. Betsy, along with runner-up Sue Bales, shattered the old one-meter record of Maureen Martin by more than 50 points.

In the three-meter competition, Melanie Gillet successfully defended her title. Representing Central New York and a current competitor for the University of Maryland, Melanie had been hampered by an ear infection. But she showed the mark of a champion to beat back a serious challenge from Judy Elliot of Western New York on the three-meter board. □

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Synchro News

By Donald T. Kane



The largest number of delegates in the history of the sport of synchronized swimming turned out for the 1981 Annual Meeting of the United States Aquatic Sports Convention, Sept. 28-Oct. 3, at Snowbird, Utah.

Through the deliberation of many long hours of meetings during the convention, delegates voted on many important issues. Highlights of technical rule changes approved at Snowbird included the adoption of FINA time limits for routines. Each year many U.S. domestic rules are being amended by USSSI in an effort to bring U.S. rules in alignment with FINA rules. International definition for twists and spins also were approved.

The national age group program geographical configuration has been separated from the national Junior Olympic program. The United States Olympic Sports Festival geographic distribution for the age group program was approved with sectional qualifying championships within each of the four zones. Qualifiers from each of the sectional and zone championships will be eligible to compete in the age group international trials. Domestic rules will be used for the section and zone championships and FINA rules will be used for the age group international trials.

Qualification rules for the United States Synchronized Swimming National Championships were amended to provide for a full complement of entrants of semi-final competition in solo, duet and team events.

National team trials eligibility rules were expanded to allow entries from the following:

	Figures	Solo	Duet
Senior Nationals	30	25	18
AIAW Nationals	20	10	7
Junior Nationals	15	10	7

A clarification for the selection of judges at the association and regional levels was approved.

The Honorable Secretary of

FINA, Robert Helmick, in addressing the synchronized swimming board of governors, reported some of the actions taken by the International Olympic Committee at Baden Baden, West Germany, and stressed the importance of athletics of synchronized swimming in order to keep synchronized swimming in the Olympic Games. Helmick cautioned the synchronized swimming leaders present that the IOC will be critical in assessing the success of the synchronized swimming event staged at Los Angeles.

The national team coaching staff, selected to serve through the 1984 Olympic quadrennial, are as follows: Gail Emery of Walnut Creek, Calif.; Gail Johnson of Oregon City, Ore.; Charlotte Davis of Seattle, Wash.; Kathy Kretschmer of Tucson, Ariz.; and Linda Lichter of Hamden, Conn.

The IV World Championships team staff was approved. Jean McGowan will be the *chef de mission* for the United States Aquatic Sports Delegation. Barbara Organ of McLean, Va., was elected team manager. Technical officials will be Dawn Bean of Santa Ana, Calif., and Dr. Betty Wenz of San Leandro, Calif.

The Lillian MacKellar Distinguished Service Award was presented to Dr. Ross Bean of Santa Ana, Calif. Dr. Bean has been active in synchronized swimming for 30 years, coaching the Athens Water Follies, the first West Coast team to capture a national team championship. More recently, Dr. Bean has coordinated sound equipment at national championships and has authored many technical articles concerning the execution of synchronized swimming figures.

The Hall of Fame laureates approved at Snowbird include competitor Michelle Barone of the Santa Clara Aquamaids. Barone, winner

of 16 national AAU titles, was also a Pan-American Games and World Games gold medalist. In the contributor class, Jan Paulus of Eureka, Calif., and Dottie Sowers, coach of the Tonowanda, N.Y., Aquettes, were recommended for induction into the Hall of Fame.

The following were awarded:

Nov. 20-22, 1981	U.S. National Team Trials; United States Olympic Training Center, Colorado Springs, Colo.
March 17-20, 1982	Age Group International Trials; Denver, Colo.
April 2-5, 1982	U.S. National Junior Indoor Champs.; Keane University, Union, N.J.
May 26-30, 1982	ASUA Age Group Championships; Orlando, Fla.
June 27-July 2, 1982	U.S. National Junior Outdoor Champs.; Southwestern University, Georgetown, Texas
July 5-10, 1982	U.S. National Senior Championships; Hilo, Hawaii
July 1983	U.S. National Senior Championships; Yale University, New Haven, Conn. □

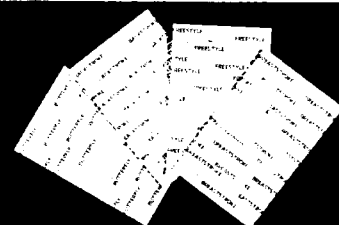
Mental Focus continued from page 49

Then proceed to feeling the strokes as you swim them. First see your hand, then feel it. Then close your eyes during the rest interval and imagine the whole stroke.

From here you can go anywhere you wish. Practice imagining yourself swimming different strokes at different speeds. Match your speed with the clock in actual practice.

In a future column, we will look at the importance of being able to manipulate your imagination. This is a good time to start testing this skill. Give all of this time. Remember, it is like any new technique. □

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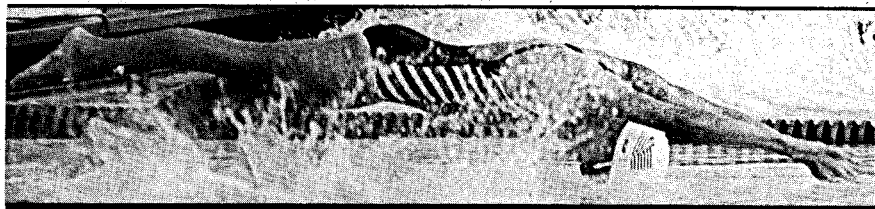
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Off the Blocks

By Bob Ingram



Allen and Pokey Richardson have a brand new baby boy! His name is Andrew, and he was born Oct. 2, weighing in at 7 pounds, 11 ounces and measuring 21 inches long. The Richardsons, long involved in swimming in coaching and sports medicine, live in Honolulu, Hawaii.

Coach Mitch Ivey, former head man at Santa Clara Swim Club, has joined Holger Dietze's coaching staff at Starlit in the Washington, D.C., area. Replacing Ivey at Santa Clara is Don King, former assistant coach at Industry Hills, Calif.

Dr. Jerry Buss, owner of the Los Angeles Kings (and Los Angeles Lakers), has extended to the national water polo program a self-

help opportunity. On the nights of Saturday, Nov. 14, Wednesday, Nov. 18, Saturday, Nov. 28, and Wednesday, Dec. 9, he has donated several gift certificates, good for the admission of two persons to Kings hockey games. One hundred percent of the proceeds from the sale of these certificates will go towards the training of the men's national water polo team in preparation for the 1984 Olympics. U.S. Water Polo, Inc., a tax exempt organization, is asking for everyone's support. By offering a donation to this organization, you will receive the above mentioned gift certificates. The cost of each certificate is \$10, which as mentioned before, entitles admis-

sion of two persons to the L.A. Kings hockey games. If interested, send your name, address and phone number to FINA World Water Polo Foundation, 1215 Catalina Ave., Seal Beach, Calif. 90740. Indicate the number of certificates requested and for which dates, and enclose your check made payable to U.S. Water Polo, Inc. This is a rare opportunity to receive something concrete in return for a donation.

Tracy Caulkins and Chris Evert Lloyd were named amateur and professional sportswomen of the year by the Women's Sports Foundation.

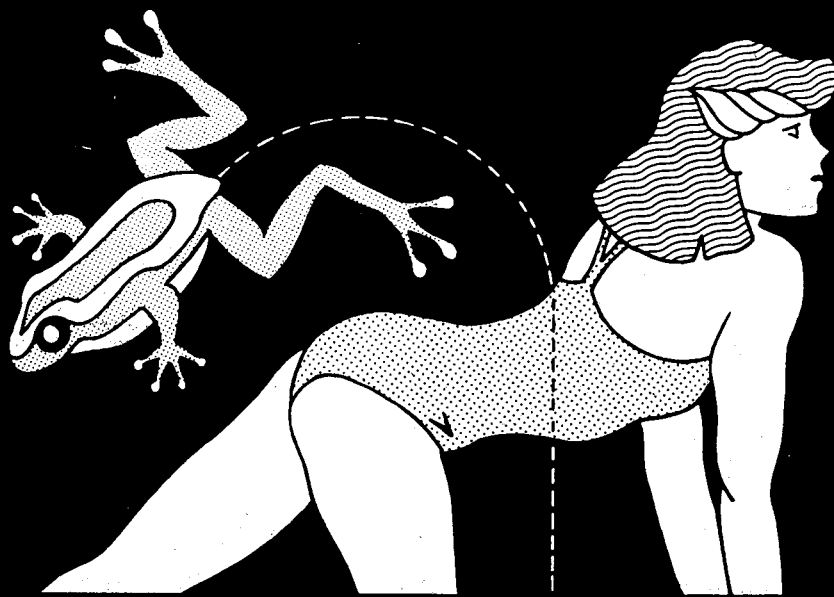
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The **Bayonne Board of Education**, N.J., has announced the opening of its ultra-modern \$2.4 million swimming facility at the **Lincoln Community School** in Bayonne, N.J. Moving into the new facility will be the Bayonne Mermaids-Starfish age group swim team and the Bayonne High School boys' and girls' swimming teams. **Thomas K. Wojslawowicz** is the coach of the age groupers, who represent the Bayonne YMCA and the high schoolers.

The *Wall Street Journal* (Sept. 2, 1981) reports that **Sens. Inouye** (D-Hawaii) and **Stevens** (R-Alaska) back a bill to add another check-off box to federal returns. A taxpayer could then designate \$1 of his tax for the U.S. Olympic Committee, as may be done for the presidential campaign fund.

Levi Strauss & Co., which will dress the U.S. athletes for the 1984 Olympics, also will outfit an estimated 14,000 event workers and officials at the Olympic Summer

Games in Los Angeles. The San Francisco-based apparel manufacturer will provide outfits for staff ranging from ticket takers and parking lot attendants to judges and officials, and will have exclusive rights throughout the world to use the Los Angeles Olympic Organizing Committee logos and emblems for apparel. The sponsorship agreement provides that, in addition to the uniforms, Levi Strauss will make a cash payment toward the cost of staging the Games. The agreement expands Levi Strauss & Co.'s Olympics program. The company is the official outfitter of the 1984 U.S. Olympic teams, the 1983 U.S. Pan-American Games team and the 1981-1983 National Sports Festivals, and is a sponsor for the ABC telecasts of the 1984 Winter and Summer Olympic Games and other Olympic-related competitions.

Several athletes were recently honored at the Los Angeles Bicentennial Sports 200 luncheon, sponsored by the city's bicentennial sports committee, the Los Angeles Athletic Club and the Junior

Chamber of Commerce. Only athletes who spent their youth and attended public or private secondary schools in L.A. County were eligible for nomination, although the committee also recognized 10 "adopted" athletes, two of whom were swimmers **John Naber** and **Murray Rose**. The athletes were presented a large bronze medallion, engraved with their names and sport, as well as a scroll that listed all 200 honorees. The awards were provided by the **Atlantic Richfield Co.** Los Angeles Mayor **Tom Bradley** and **Peter Ueberroth**, president of the L.A. Olympic Organizing Committee, addressed the gathering at the Biltmore Hotel in downtown Los Angeles, praising the effort of civic leaders in bringing the Olympic Games to Los Angeles in 1984. **Vin Scully**, the Dodgers broadcaster, was master of ceremonies. Athletes from 25 different sports since 1945 were represented. The list of honorees from aquatics, as chosen by a panel of coaches, writers, sportscasters and other observers, was as follows: ▶

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Off the Blocks

continued

SWIMMING AND DIVING—Lance Larson, Sandy Neilson, Sue Atwood, Bill Craig, Pat McCormick, Frank Heckl, Sue Gossick, Bob Bennett, Roy Saari, Chuck Bittick, Tim Shaw, Jill Sterkel, Sharon Stouder, Patty Carretto, Cathy Ferguson, Steve Genter, Don McKenzie, Gary Tobian, Carolyn House, Sammy Lee.
WATER POLO—Bruce Bradley, Stanley Cole, Ronald Crawford, Robert Horn, Wally P. Wolf.

Rene Fresh, a 21 year old from Ottumwa, Iowa, was named the grand prize winner in this summer's "Win With Speedo Sweepstakes," co-sponsored by the swimwear company, *Teen Magazine* and Hawaiian Tropic Tanning Lotion. The contest, April 1-July 31, drew more than 125,000 entries from all over the country. Fresh's entry was drawn as the winner of a \$15,000 Ski Nautique water skiing boat by Correct Craft. Winner of the eight-day, seven-night second place prize of a trip for two to Hawaii was **Lori Carlson**, 16, of Minneapolis. **Sheri Ritter**, 19, of Cedarburg, Wis., won the third prize—an 11-9 Minifish sailboat from Hawaiian Tropic. More than 300 other fourth, fifth and sixth place winners received

prizes ranging from a complete Speedo wardrobe to swimsuits, towels, T-shirts, windbreakers, visors and sun products. **Carl Thomas**, Speedo vice-president, also reported that **Winks Swim Country USA** of Concord, Calif., won a corresponding dealer contest for the most entries submitted. The prize was an eight-day, seven-night trip for two to Hawaii.

John Sleight of the Michigan Swimming Officials' Association (corresponding secretary) is interested in communicating with other officials around the country so he can acquire materials on officiating and also return the favor. Interested officials should write to Sleight at 601 East Chesterfield, Ferndale, Mich. 48220.

The **Tiger Twins**, also known as the **Butterfly Twins**, and in actuality named **James** and **Jonathan diDonato**, abandoned their attempt to cross the English Channel last August after an hour and nine minutes in 60-degree water. (See related story in *Swimming World*, June 1981, page 13.) A physician

aboard one of the boats accompanying the swimmers said the 27-year-old twins would have died from hypothermia (loss of body heat from exposure to the cold) after another 30 to 60 minutes in the water.

At the Florida Association Junior Olympic Long Course Championships this past summer, **Rachael Weightman** of the Blue Dolphins in Winter Park, Fla., broke three freestyle records among the 10 and under girls. Weightman, coached by **Harry J. Meisel**, clocked times of 1:06.63 in the 100 meter free, 2:24.67 in the 200 free and 4:57.90 in the 400 free. She also anchored the 200 meter freestyle relay team to a record of 2:11.01. The Blue Dolphins' 200 yard freestyle relay was ranked No. 1 in the United States in 1980.

John E. Schauble would like to let his old swimmers as well as his old coaching friends know that after a quick retirement from the coaching ranks for a total of almost one year, he is "back for good." Since May, Schauble has been working with

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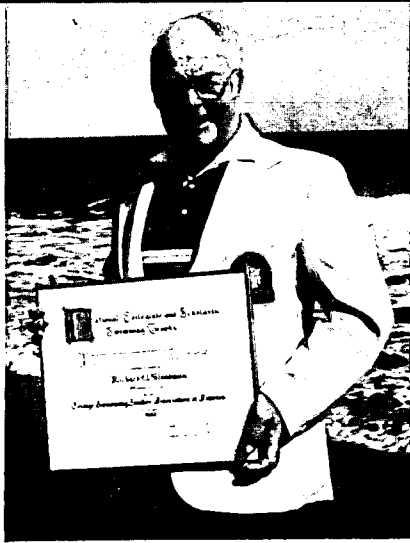
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Monmouth's Dick Steadman was presented the National Collegiate and Scholastic Swimming Trophy at the World Clinic in Chicago last September.

Jack Nelson and the Fort Lauderdale Swim Team in Fort Lauderdale, Fla. He is working with the strength and flexibility programs, the FLST national team and the FLST Baby Learn to Swim program. Schauble formerly coached with Don Gambriil at the University of Alabama and was head coach at Lake Forest Swim Club in Illinois and Palm Springs Swim Club in California.

Ross Yancher, masters and advanced age group coach of the Colorado Rapids Swim Team since 1975 and Rocky Mountain Masters head coach since 1980, has accepted the head coach position at Davis Aquatic Masters, a team of 400 swimmers in a university town near Sacramento, Calif.

Swim-a-thon, 12 years old and counting, is constantly improving. In 1980, the Solotar Swim Team held the first \$25,000-plus Swim-a-thon. But already in 1981, swimmers from SwimAtlanta regained the record they once held by collecting a whopping \$35,000! At the administrative level, Swim-a-thon has received official endorsement from USAS, U.S. Swimming, NISCA, ASCA and CSCAA. Swim-a-thon is among the top five sources of funds for U.S. Swimming—over \$400,000 to date.

Plans are being finalized for a major expansion to the Swimming Hall of Fame building. Some 3,200 sq. ft. will be added with the new two-floor wing to accommodate more office space, additional display and exhibit areas, larger library facilities and more storage space. The estimated cost is around \$300,000,

and financing will come from ISHOF's Building Fund. Completion, if all goes well, will be within two years, with dedication ceremonies close to the Hall's 20th anniversary.

The ISHOF Library received two large donations from long-time friends of the Swimming Hall of Fame. Al Schoenfield, former publisher of *Swimming World*, donated a portion of his already sizeable aquatic library. The collection contains valuable guides, manuals and records. Topics covered in the collection include water polo (in French and English), sport in China, drownproofing, Olympic programs and a 100-title swimming bibliography. The second donation came from the estate of Fred Luehring, 1975 ISHOF Honoree, who spent most of his energies on the research and promotion of physical education—especially swimming. The works appear in several different languages, including German and Italian, and many are first editions. The entire collection numbers nearly 200 volumes.

Some of the swimming clubs that have conducted profitable Swim-a-thons this year are as follows:

CABRILLO THRESHERS, Aptos, Calif., \$2,500 for Colorado Timing System, 70 participants. Incentives were free pizzas for the most money raised and free ice cream sundaes for the most sponsors. **PADONIA PARK CLUB**, Cockeysville, Md., \$387.84 for club flag pole and flag, 60 participants. Money was also given to the American Red Cross, Heart Association and Cancer Society. **TOWN CREEK SHARKS**, California, Md., over \$1,600 for starting blocks, stopwatches and starting guns, 49 participants. Club members swam 100 miles. **WESTWOOD COUNTRY CLUB**, Indianapolis, Ind., \$2,588.11 to help purchase a video tape machine in the near future, 30 participants. The club also gave 10 percent to Muscular Dystrophy. **MICHIGAN USLA**, Beal City, Mich., \$500 for beach safety equipment, 12 participants. The Swim-a-thon was used for the kickoff of USLA Beach Safety Week. It helped promote the new chapter while promoting lifeguarding in Michigan.

Department of Corrections: In the "Men's College Championship Comparisons" chart (*Swimming World*, July 1981, page 62), the correct champion of the 100 yard breaststroke at the Mid-Continent Conference Championships was John Ransom, who clocked 1:01.10. In the same issue on page 50, it should be noted that Omaha, Neb., Creighton Prep's Tony Lazzaretti broke the national prep school record in the 100 yard fly with a time of 49.63. In the August issue, Ed Lanoue's name was missing from the high school All-America list.

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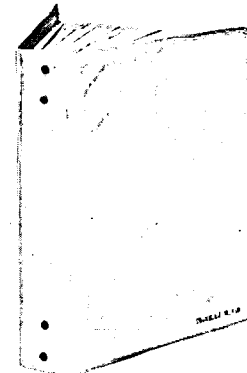
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Off the Blocks

continued

Lanoue, coached by Robert L. Irwin at Hershey High School, was the Pennsylvania state champion and state record holder in the 50 yard free (21.19) and 100 free (46.21). Lanoue is currently attending the University of Pittsburgh. Lastly, in the September issue in the Macabiah Games article, page 18, the United States won 38 overall medals while their closest competition, Israel, won 30. **Chris Weissman**, winner of the 100 breast at the Macabiah Games and whose picture appeared on page 105 of the September issue, is an All-American at Southern Methodist University, not Southern Illinois.

Doug Ingram, head men's and women's swimming coach at Indian River Community College in Fort Pierce, Fla., determined that his team would have won a mythical national junior college men's championship had the California junior colleges competed with the schools from the NJCAA in 1981. Ingram also combined the men's and

women's results to determine an overall mythical national champion and found Indian River No. 1 again. Ingram took the top swimmers from each of the most competitive junior colleges in the nation and then took each swimmer's best time of the season. With these best times, Ingram plugged the figures into a formula that would represent a mythical national championship meet. In men's competition, Indian River placed ahead of California schools Diablo Valley, Fullerton and West Valley. Florida's Daytona Beach, runner-up at the NJCAAs, finished fifth in the mythicals. In the combined meet, the standings showed Indian River first, followed by Daytona Beach, Diablo Valley, West Valley and California's Golden West.

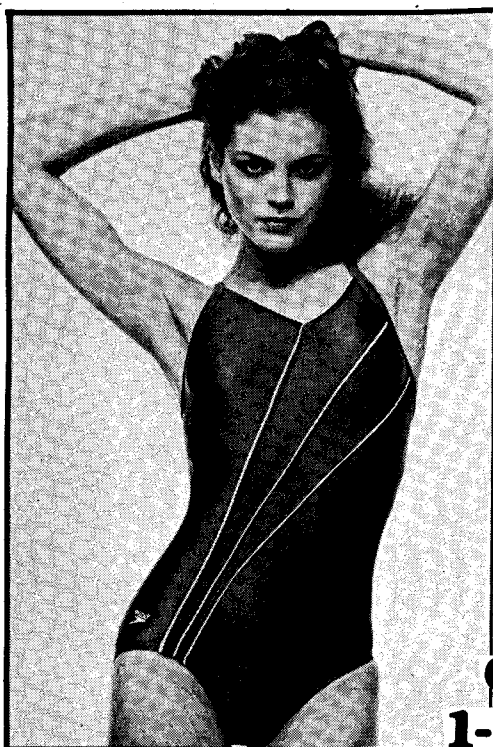
The College Swimming Coaches Association of America, Inc., presented the following Coach of the Year awards at its 21st awards banquet last September in Chicago: NAIA, men's division, **Jim P. Brik**, Willamette University; NAIA, women's division, **Paul A. Savage**, Simon Fraser University; NCAA III,

James Steen, Kenyon College; NCAA II, **Ray Padovan**, Eastern Illinois University; NCAA I, **Eddie Reese**, University of Texas.

Bob Mowerson, former swimming coach at the University of Minnesota and secretary-treasurer of the College Swimming Coaches Association of America, was honored by the university last spring and was made an honorary member of the school's M Club.

Of 32 NCAA scholarships worth \$2,000 each, seven went to athletes from water polo and swimming. Those honored were **Craig Furniss**, Southern California, water polo, 4.00 in chemical engineering; **Terry Schroeder**, Pepperdine, water polo, 3.80 in sports medicine; **John Dougal**, Springfield, swimmer, 3.66 in chemistry; **Mark Doyle**, Oakland University, swimmer, 3.86 in chemistry; **Jonathan Blank**, Johns Hopkins, swimmer, 3.55 in natural sciences; **Steven Counsell**, Kenyon, swimmer, 3.67 in chemistry; and **Par Arvidsson**, California, swimmer, 3.66 in economics.

Gus Stager was called out of retirement to serve as interim men's



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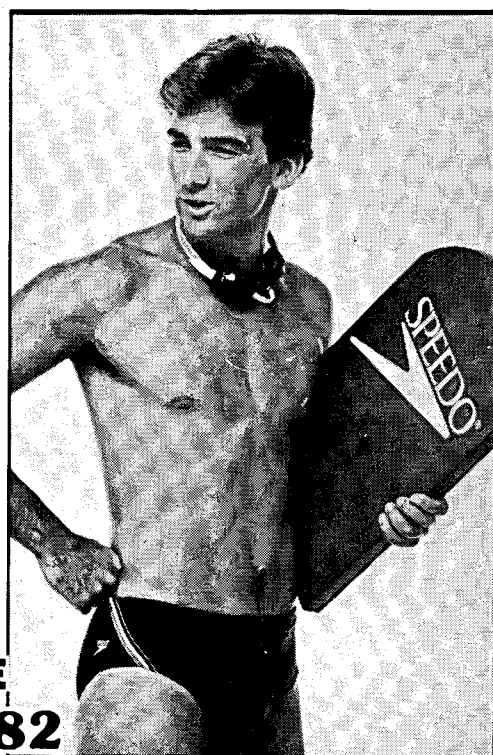
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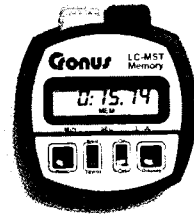
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Off the Blocks

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swimming coach at the University of Michigan for the 1981-82 season. Stager, who coached at the university for 25 years prior to his 1979 retirement, replaces third-year coach Bill Farley who resigned Sept. 8. Stager's record at Michigan included four NCAA team championships and several Big Ten team titles. He was also recently announced as a 1981 honoree to the International Swimming Hall of Fame. The university is beginning a search for a new men's head swimming coach to take over the helm beginning in 1982 for next season.

Returning to his alma mater, former Western Illinois swimming All-American Tom Schweer has assumed the head men's swim coaching position for the 1981-82 season. The 29-year-old Evanston, Ill., native joins the Western staff after having served as men's and women's head swim coach at Homewood-Flossmoor High School for two seasons, 1979 and 1980.



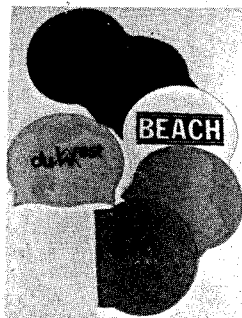
Camp Ak-O-Mak won the women's and overall team trophy at the AAU Senior National Long Distance four-mile open water race at Huntington, Ind. The first-place women's team included (left to right) Kim Barrie (5th), Amy Johnson (4th) and Liz Kennedy (3rd).

Orv Kersten resigned as the swimming coach at Northern Illinois University, but will remain as an assistant professor in physical education. Kersten has been coaching swimming for 22 years.

Jack Ryan, son of the famed Army coach of the same name, will be the first director of the new Univer-

sity Aquatic Center at the University of Alabama. The Center will be the site of the 1982 men's Southeastern Conference Championships as well as the 1982 Junior Olympic Championships. Ryan, who served on Joe Bernal's staff at Harvard University and Bernal's Gator Swim Club the past several

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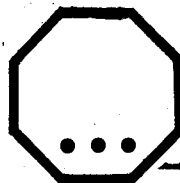


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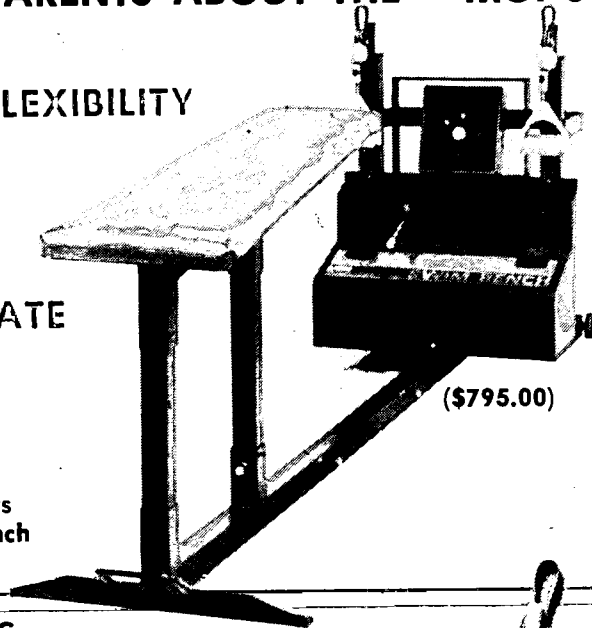
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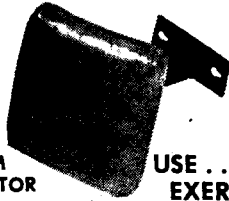
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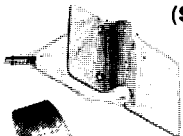
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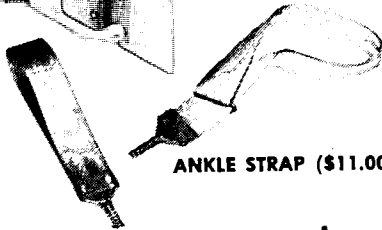
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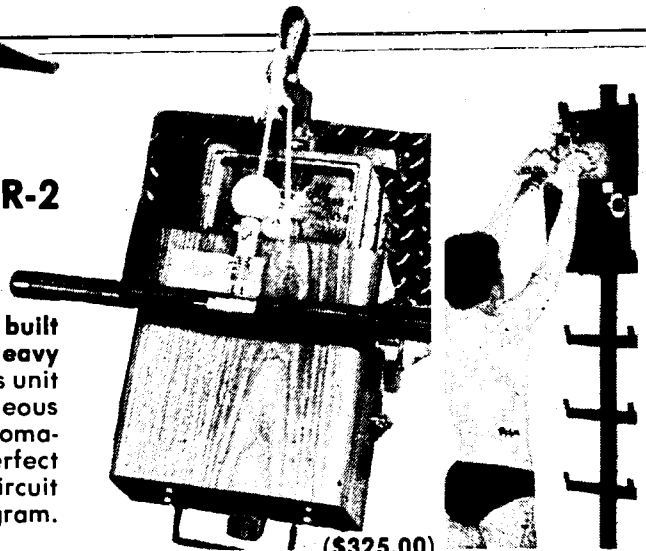
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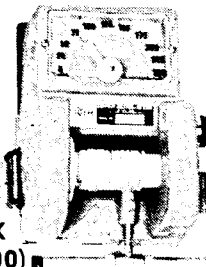
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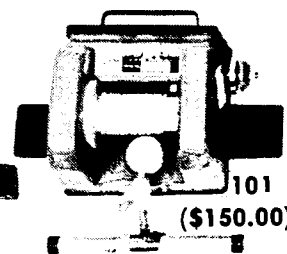


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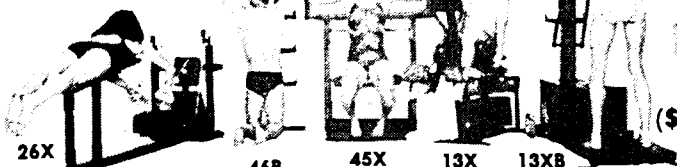
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continued

years, was the meet manager for both the 1981 U.S. Nationals and the 1980 NCAA Championships. A graduate of the University of North Carolina, Ryan coached in Chapel Hill before going to Cambridge.

Susan Skinner Riebsame of St. Petersburg, Fla., has been named graduate assistant coach for diving at James Madison University in Harrisonburg, Va. Riebsame, who has been a physical education teacher and diving coach at Pinellas Park High School since 1978, will coach diving in both the men's and women's programs at JMU. A former winner of three state AAU diving titles in Alabama, Riebsame is a 1976 graduate of the University of South Florida where she was a member of the diving team.

Northwestern University Director of Athletics **Doug Single** announced that **Pat Barry**, former head women's swimming coach at Indiana, has been named director of aquatics at NU. In addition to

coaching the men's and women's swimming teams, Barry will initiate a water polo team on a club basis. At Indiana, Barry, 38, compiled a 37-7 dual meet record and coached his team from a 32nd-place finish at the AIAWs in 1979 to an 11th and 12th-place finish in 1980 and 1981. He also coached 12 All-American swimmers at IU in three years.

Head coach **Tom Groden** of Boston College announced his team captains for 1981-82. Tri-captains for the women's team include juniors **Stephanie Joyce** and **Amy Stathopolos** plus senior **Kelly Mahoney**. Joyce is a political science major from Bethesda, Md.; Stathopolos is from West Hartford, Conn., and is pursuing a computer science major (she received All-American honors as a freshman); and Mahoney is a double major in elementary education and special education whose hometown is Madison, Conn. Co-captains for the men's team are **Ernie Ostic** and **Bob Vanasse**. Ostic, a product of Riverdale, N.J., is a language student in Russian; Vanasse, who is from

Trumbull, Conn., is an economics student. Vanasse also holds the team record in the 50 and 100 yard free, and twice he was awarded MVP. In 1981, Coach Groden's teams concluded with a 6-2 women's mark and a 7-1 men's dual meet record.

Dr. David Belowich, first-year head coach of the University of Pittsburgh women's swimming team, has announced his 1981-82 team captains—seniors **Julie Terrell** and **Nancy Henry**. Terrell, a freestyler from Silver Springs, Md., and Henry, a flyer from Pittsburgh, both earned All-America and All-East honors during their three-year career at Pitt. Both were members of the 1980 All-East champion 400 yard freestyle relay team which went on to gain All-America status.

Dr. Kevin H. Gilson, coach of West Virginia University's men's and women's swimming teams, has announced his coaching staff and team captains for the 1981-82 season. The coaches include **Mike DeGroat**, **Ed Denny**, **Pam Mauro**, **Steve Murray**, **Howard Sevel** and

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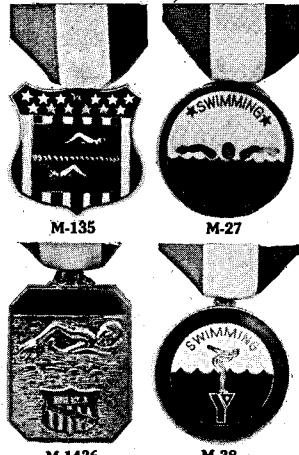
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diving coach **Jack Ramsay**. Serving as co-captains of the men's team are **Brian Day**, a senior sociology major from Peterstownship, Pa., and **Barry Morrison**, a senior business major from Wilmington, Del. The co-captains of the women's team are **Ruth Gentry**, a junior food administration major from Fairfax, Va., and **Sara Shumate**, a sophomore chemistry major from Charleston, W.V. Diving captains are **Jim Indelicarto**, a senior psychology major from Norristown, Pa., and **Tami Weber**, a sophomore elementary special education major from Warminster, Pa.

Scott Hammond of Tulane University announced the captains for the 1981-82 season. Senior **Diana Leng** from Fort Lauderdale, Fla., will captain the women's team which will be led by high school All-Americans **Missie Kelly**, **Terry Lewis** and **Berit Amlie**. This will be the second year of competition for the women's team at Tulane, and they will compete in the AIAW Division II Nationals. Juniors **Martin Boles** from Signal Mountain, Tenn., and **Michael Hochschwender**

from Akron, Ohio, will captain the men's team into the NCAA and National Independent Championships this year. NCAA junior qualifiers **Wayne Viola** and **Jimmy Flowers** hope to put some points on the board in Milwaukee for the Green Wavers. **Alan Gagnet** has also been named head diving coach at Tulane.

The Smith College (Northampton, Mass.) swimming and diving team has selected sprinter **Jean Carter**, '83, Lakewood, Ohio, and distance freestyler **Stephanie Leider**, '83, Newport Beach, Calif., as co-captains for the 1981-82 season. In 1980-81, Smith, coached by **Kim Bierwert**, compiled an 11-2 dual meet record and finished 10th at the Division III AIAW Nationals. Coach Bierwert expects another successful season for 1981-82 with six of the team's eight All-Americans returning.

Seniors **Don Masterson** and **Jay Thorpe** and sophomore **Maura Cahill** have been elected captains of the 1981-82 Fairmont State College swimming teams. Masterson is from Huntsville, Ala., and is a three-year NAIA All-American. Thorpe is



(Photo by Robert B. Ingram)

Sippy Woodhead receives congratulations from Al Schoenfield for winning the Schoenfield Trophy as SPA's top female swimmer.

from Akron, Ohio, and has earned All-American honors the last two years. Cahill is from Hyattsville, Md., and had the third best time in the NAIA last year for the 1650. The men's team will be trying to improve upon last year's 12th-place finish in the NAIA and will welcome back three All-Americans and five lettermen plus a strong nine-man freshman class. The women's team will begin their first year of NAIA competition. □

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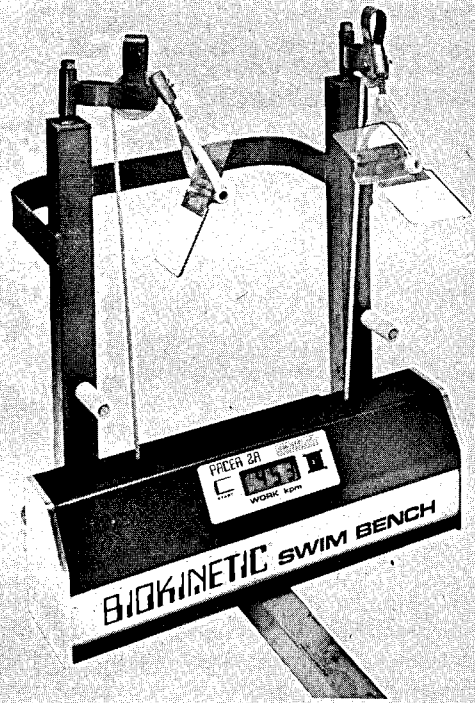



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Age Group



Central

Indiana Long Course JOs

Evansville Swim Club emerged as the top team at the Indiana Association Long Course Junior Olympic Championships by beating Anderson Community Aquatic Club and Riviera Swim Club.

Competition was held for 10 and under, 11-12 and 13-14 age groups and was hosted by the Donner Swim Club in Columbus, Ind., Aug. 7-9.

Scoring the most wins and leading their respective age groups as well were Christy Doss of Indianapolis (girls' 11-12), John Eichelberger of Michiana Marlins (boys' 11-12) and Robin Echard of Riviera (boys' 13-14) with five first-place tallies.

Debbie Daniel of Anderson Community (girls' 13-14) also won five events, but one of her five was a tie with Nat Koch of South Western Indiana Mavericks in the 100 fly. Koch was runner-up in the 13-14 competition with two wins plus a first-place tie.

Jill Helgason of Indianapolis led the 10 and under girls with four vic-



Christy Doss won the high-point individual trophy in the 11-12 girls' division at the Indiana Long Course JOs at Columbus, Ind.

tories, as did Olympia Athletic Club's Steve Bigelow among the 10 and under boys.

GIRLS

10 and under—50 meter free, Jill Helgason, IAC, 32.35; Angie Todd, ELKY, 32.39; Julie Kimball, ACAC, 32.47. 100 free, Helgason, 1:09.57; Toscha Winiger, ESC, 1:12.42; Kathy Siwek, SCAT, 1:12.47. 200 free, Helgason, 2:25.13; Siwek, 2:34.43; Winiger, 2:35.52. 50 back, Denise Percifield, DON, 36.81; Erika Cottrell, SCSC, 39.05; Mindy Layman, ACAC, 39.92. 100 back, Percifield, 1:19.56; Helgason, 1:20.31; Cottrell, 1:23.91. 50 breast, Allyson Smith, TIPP, 40.21; Ana Ruesink, BSC, 43.24; Todd, 44.71. 100 breast, Smith, 1:32.67; Todd, 1:33.42; Cottrell, 1:35.39. 50 fly, Elizabeth Freeman, SEFY, 34.68; Percifield, 34.99; Cottrell, 35.04. 100 fly, Percifield, 1:18.51; Freeman, 1:18.84; Cottrell, 1:21.04. 200 IM, Helgason, 2:49.68; Percifield, 2:54.79; Todd, 2:57.86.

11-12—50 free, C.C. Bradford, HUB, 29.00; Heidi Hafner, ACAC, 29.05; Tricia Berger, SWIM, 29.75. 100 free, Bradford, 1:03.29; Mary Keller, ESC, 1:03.79; Hafner, 1:04.23. 200 free, Christy Doss, ISC, 2:17.50; Bradford, 2:18.02; Keller, 2:21.72. 400 free, Doss, 4:46.41; Keller, 4:48.17; Jennifer Ridge, HHSC, 4:58.15. 50 back, Hafner, 33.81; Julia Lahman, RIV, 35.49; Jenny Tuttle, VIN, 35.73. 100 back, Hafner, 1:11.14; Bradford, 1:13.31; Lahman, 1:16.36. 50 breast, Tiffany Mumm, CSC, 38.47; Sarah Vogt, DON, 39.04; Linda Bumb, DON, 39.63. 100 breast, Mumm, 1:23.79; Vogt, 1:24.24; Nicole Norwalk, 1:26.77. 50 fly, Doss, 31.63; Melissa Herndon, KOS, 32.38; Eileen King, RIV, 32.44. 100 fly, Doss, 1:11.29; Lahman, 1:12.44; Berger, 1:12.54. 200 IM, Doss, 2:36.17; Herndon, 2:39.98; Norwalk, 2:40.24.

13-14—50 free, Debbie Daniel, ACAC, 27.45; Dawn Kruspe, HHSC, 27.85; Katie MacDonald, GOS, 28.57. 100 free, Daniel, 1:00.23; Keely Cone, IAC, 1:01.75; Sally Souffrant, KOKY, and Julie Watts, ISC, 1:02.37. 200 free, Daniel, 2:12.74; Cone, 2:13.17; Souffrant, 2:13.45. 400 free, Daniel, 4:36.58; Jill Pritchard, TIPP, 4:38.21; Tiff Forbes, DON, 4:38.66. 800 free, Pritchard, 9:27.75; Souffrant, 9:31.98; Forbes, 9:32.64. 1500 free, Pritchard, 18:11.40; Souffrant, 18:31.81; Melanie Owen, Unat, 18:48.18. 100 back, MacDonald, 1:09.05; Kruspe, 1:09.78; Jenny Jordan, 1:11.36. 200 back, Kruspe, 2:29.88; MacDonald, 2:31.80; Jordan, 2:32.98. 100 breast, Kim Kobza, CSC, 1:20.09; Nat Koch, SWIM, 1:20.54; JoAnn Emerson, ACAC, 1:21.16. 200 breast, Kobza, 2:49.34; Koch, 2:54.68; Emerson, 2:58.20. 100 fly, Koch, 2:32.99; Bonnie Causey, THAC, 2:34.10; Forbes, 2:35.08. 200 IM, Jordan, 2:32.54; Kruspe, 2:33.57; Emerson, 2:34.64. 400 IM, Koch, 5:22.20; Jordan, 5:25.77; Mumm, 5:28.42.

BOYS

10 and under—50 free, John Zitz, ESC, 31.41; Joe Dennen, MM, 31.67; Gary Snodgrass, ESC, 32.09. 100 free, Zitz, 1:09.67; Rob Schleinkefer, OAC, 1:10.71; Snodgrass, 1:10.80. 200 free, Steve Bigelow, OAC, 2:27.72; Zitz, 2:29.40; Schleinkefer, 2:33.50. 50 back, Bigelow, 36.83; Eric Fauerbach, DON, 39.61; Jeffery Blaize, ACAC, 40.08. 100 back, Bigelow, 1:19.20; Zitz, 1:20.22; Fauerbach, 1:25.10. 50 breast, Snodgrass, 39.84; Paul Saviano, ZSC, 41.11; Jonathan Pyke, HHSC, 44.21. 100 breast, Snodgrass, 1:28.65; Saviano, 1:31.65; Pyke, 1:37.43. 50 fly, Saviano, 35.03; Jason Gedmin, MUN, 35.04; Steve Renie, HSA, 35.62. 100 fly, Zitz, 31.41; Dennen, 31.67; Snodgrass, 32.09. 200 IM, Bigelow, 2:51.15; Zitz, 2:53.54; Saviano, 2:59.37.

11-12—50 free, Eric Binney, CCY, 28.55; Brad Toothaker, PLY, 28.58; Allen Raver, ACAC, 28.74. 100 free, John Eichelberger, MM, 1:02.21; Toothaker, 1:03.09; Rob Russell, OAC, 1:04.29. 200 free, Eichelberger, MM, 2:13.92; Russell, 2:17.81; Tommy Keating, ESC, 2:18.28. 400 free, Eichelberger, 4:43.64; Russell, 4:44.21; Keating, 4:50.51. 50 back, Binney, 33.29; Marvin Setzer, RAT, 33.84; Mike Stuckert, HHSC, 34.49. 100 back, Binney, 1:14.20; Stuckert, 1:14.40; Greg

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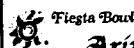
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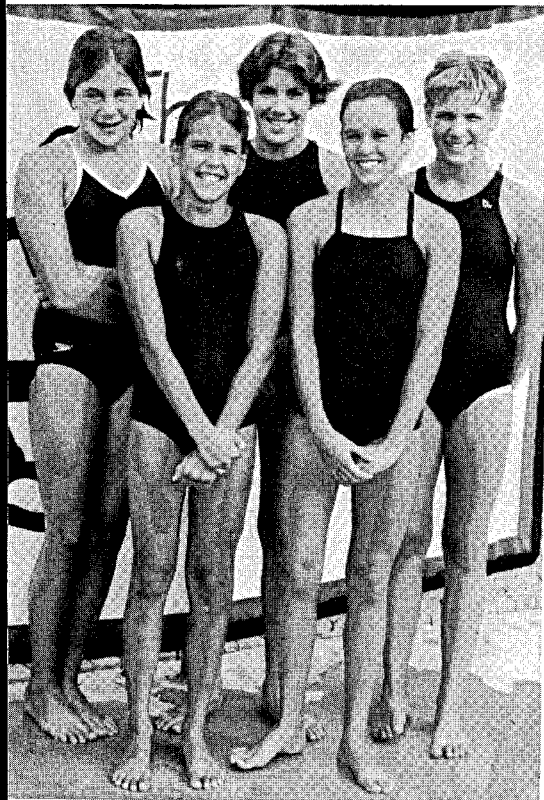
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These Indiana Swim Club 11-12 girls are Indiana state relay champions. ISC won both the freestyle and medley relays at the Indiana JOs in August. They are (front row) Stacey Renie and Karie Hon; (back row) Christy Doss, Michele Miller and Cindi Wooden.

Age Group

continued

Drake, RIV, 1:15.30. 50 breast, Keating, 34.80; Steve Grim, SPIR, 35.80; Joe Nash, MAC, 39.09. 100 breast, Keating, 1:16.99; Grim, 1:23.04; Toothaker, 1:26.50. 50 fly, Setzer, 30.80; Drake, 31.15; Toothaker, 31.64. 100 fly, Eichelberger, 1:08.79; Drake, 1:08.90; Setzer, 1:09.38. 200 IM, Eichelberger, 2:33.97; Keating, 2:34.03; Russell, 2:34.15.

13-14—50 free, Todd Thomason, ESC, 26.69; Mike Dusza, MCY, 26.70; Rocky Saviano, ZSC, 27.10. 100 free, Thomason, 57.77; Saviano, 59.15; Keith Ragsdell, TIPP, 59.75. 200 free, Thomason, 2:06.81; Mike Messaglia, MM, 2:07.10; David Swihart, ISC, 2:07.90. 400 free, Messaglia, 4:23.12; Swihart, 4:24.77; Jay Rantz, MM, 4:32.67. 800 free, Messaglia, 9:01.08; Swihart, 9:03.41; Rantz, 9:14.29. 1500 free, Messaglia, 17:31.22; Swihart, 17:47.44; Jim Trout, OAC, 18:01.99.

100 back, Robin Echard, RIV, 1:06.25; Thomason, 1:06.60; Rob Sulver, ISC, 1:08.22. 200 back, Echard, 2:23.95; David Youker, OAC, 2:28.02; Eric Rauscher, SWIM, 2:28.31. 100 breast, Kevin Swihart, ESC, 1:17.21; Jeff Field, LST, 1:17.57; Paul Drake, OBAC, 1:19.31. 200 breast, K. Swihart, 2:44.69; Field, 2:50.64; Sean Campbell, SEFY, 2:51.70. 100 fly, Echard, 1:02.75; Rauscher, 1:02.83; Thomason, 1:03.25. 200 fly, Rauscher, 2:22.16; K. Swihart, 2:24.21; Steve Black, MM, 2:27.95. 200 IM, Echard, 2:23.63; K. Swihart, 2:24.51; Rauscher, 2:28.30. 400 IM, Echard, 5:06.18; K. Swihart, 5:13.23; Sulver, 5:24.99.

Central Zone Championships

Even though Oklahoma may have lost its chance to become this year's No. 1 college football team, the Oklahoma Swimming Association locked down No. 1 at the Central Zone Swimming Championships at Norman, Okla., Aug. 14-16.

Oklahoma swimmers scored 897 points at the long course meet, ahead of runners-up Ohio, 782½, and Central, 700½.

Fifty-one state records were broken in individual events—26 by girls and 25 by boys.

Nobody was more impressive, however, than Miekka Olson of Iowa (10 and under girls) and Brian Cisna of Central (13-14 boys).

Both Olson and Cisna led their age groups with seven state records. Olson set two of her records during prelims, but still managed to win seven events during finals. Cisna swam to eight victories.

High point winner in the 11-12 girls' age group was Central's Bridget Bowman with four wins and three state records. The 13-14 ladies were led by four-time winner Angie Smith of Ohio, who also broke two state marks, and the 15-18 women were paced by Wisconsin's Cheri Domitrz, who won five races, including one state record.

Top scorers among the boys' competition were Zhawn Stevens of

Oklahoma (10 and under) with four wins and two state records; William Merkle of Central (11-12) with five wins, four of which were state standards; and Fred Shuster of the Missouri Valley (15-18), who captured four wins.

* State Record GIRLS

10 and under—50 meter free, Miekka Olson, IO, 31.38*; Audra Martin, MI, 31.67; Cheri Lyle, OK, 32.07. 100 free, Olson, 1:08.70*; Jill Helgason, OH, and Kathy Hoffman, IND, 1:09.97. 200 free, Helgason, 2:27.12; Hoffman, 2:27.77; Lyle, 2:34.68. 50 back, Olson, 36.12; Marcy Keifer, OH, 38.18; Martin, 38.39. 100 back, Olson, 1:18.01; Keifer, 1:20.67; Martin, 1:21.33. 50 breast, Lyle, 40.50*; Martin, 41.22; Olson, 42.00. 100 breast, Martin, 1:29.65*; Lyle, 1:29.96; Olson, 1:31.53. 50 fly, Olson, 33.75*; Keifer, 35.39; Martin, 35.74. 100 fly, Olson, 1:14.85*; Keifer, 1:15.61; Martin, 1:17.71. 200 IM, Olson, 2:43.84*; Martin, 2:46.86; Helgason, 2:51.50.

11-12—50 free, Karin Warack, OZ, 29.12*; Molly Hegarty, WI, 29.42; Tracey Wilkins, CEN, 29.54. 100 free, Bridget Bowman, CEN, 1:03.97; Liz Prusaczyk, OZ, 1:04.37; Warack, 1:04.42. 200 free, Bowman, 2:15.96*; Prusaczyk, 2:18.20; Christie Doss, IND, 2:18.50. 400 free, Bowman, 4:42.89*; Prusaczyk, 4:45.96; Denise Coniglio, CEN, 4:51.20. 50 back, Christy Moston, CEN, 33.45*; Jenny Groiss, WI, 33.52; Kateri Mathews, OH, 33.57. 100 back, Bowmañ, 1:11.91*; Moston, 1:12.78; Wilkins, 1:13.06. 50 breast, Erin Roscetti, CEN, 37.44; Barb Leitz, WI, 37.96; Tiffany Munn, IND, 39.06. 100 breast, Leitz, 1:22.87; Roscetti, 1:23.05; Holly Reimer, OH, 1:23.83. 50 fly, Hegarty, 30.51*; Moston, 30.76; Warack, 31.45. 100 fly, Hegarty, 1:08.97*; Moston, 1:09.12; Warack, 1:10.30. 200 IM, Wilkins, 2:36.84; Moston, 2:37.53; Roscetti, 2:38.25.

13-14—50 free, Renee Bunger, IO, 28.69; Lisa Schreiber, OH, 29.13; Keely Cone, IND, 29.23. 100 free, Angie Smith, OH, 1:02.10; Schreiber, 1:02.35; Cone, 1:02.71. 200 free, Susie Heintz, CEN, 2:13.07; Smith, 2:13.41; Schreiber, 2:14.52. 400 free, Smith, 4:39.98; Heintz, 4:41.88; Celeste Palmer, OK, 4:42.25. 800 free, Smith, 9:30.37*; Palmer, 9:35.34; Buffy Bowman, CEN, 9:46.53. 1500 free, Smith, 18:06.09*; Palmer, 18:10.74; Sheryl Jakobsen, MV, 18:36.20. 100 back, Cheryl Lubeck, OH, 1:10.17; Amanda Autry, OK, 1:10.69; Kim Staab, CEN, 1:12.46. 200 back, Autry, 2:27.63*; Lubeck, 2:31.89; Jakobsen, 2:31.96. 100 breast, Tamra McCullough, WYO, 1:19.58; Leslie Biegler, OK, 1:19.61; Betsy Cowan, OK, 1:20.64. 200 breast, Cowan, 2:49.33; McCullough, 2:52.42; Biegler, 2:54.81. 100 fly, Kris Kwaitkowski, OH, 1:08.30; Ann Kubik, MV, 1:09.30; Lubeck, 1:09.60. 200 fly, Kubik, 2:26.26*; Autry, 2:26.65; Kwaitkowski, 2:29.02. 200 IM, Michelle Mumm, IND, 2:33.45; Kubik, 2:33.58; Lubeck, 2:34.36. 400 IM, Kubik, 5:15.76*; Mumm, 5:23.83; Jakobsen, 5:28.10.

15-18—50 free, Janice Adamson, IND, 28.68; Jané Partenheimer, IND, 28.95; Kim Edwards, ND, 29.36. 100 free, Adamson, 1:02.57; Lisa Vick, CEN, 1:04.32; Lisa Crowe, OH, 1:04.56. 200 free, Teresa Floyd, WI, 2:14.57; Adamson, 2:16.72; Kelly Turcic, OZ, 2:20.05. 400 free, Cheri Domitrz, WI, 4:39.25; Floyd, 4:40.21; Adamson, 4:43.03. 800 free, Domitrz, 9:38.90*; Turcic, 9:59.73; Nancy Kellner, WI, 10:04.39. 1500 free, Domitrz, 18:17.38; Floyd, 18:42.62; Rokki Ross, OK, 19:18.50. 100 back, Partenheimer, 1:11.63; Allison Biegler, OK, 1:15.43; Holly Flickingler, ND, 1:16.30. 200 back,



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PANELS REG.	34.60 to	27.68
PRINTS REG.	35.50 to	28.40

Domitrz, 2:32.03; Parteneimer, 2:36.25; Biegler, 2:42.94. 100 breast, Marti Hayes, OK, 1:18.68*; Janice Perry, OH, 1:20.09; Floyd, 1:20.34. 200 breast, Lisa Waltenberg, OH, 2:52.49*; Hayes, 2:52.67; Perry, 2:53.43. 100 fly, Crowe, 1:08.79; Vick, 1:09.45; Flickinger, 1:10.27. 200 fly, Domitrz, 2:30.49; Vick, 2:30.75; Crowe, 2:32.46. 200 IM, Floyd, 2:30.37*; Domitrz, 2:35.25; Waltenberg, 2:37.28. 400 IM, Floyd, 5:21.37; Domitrz, 5:24.54; Kelly Bezinque, OK, 5:35.98.

BOYS

10 and under—50 free, Brooke Taylor, OK, 31.00; Jonathan Rauch, OZ, 31.07; Lars Jorgensen, CEN, 31.41. 100 free, Matt Barager, MID, 1:06.12*; Jorgensen, 1:06.73; Zhawn Stevens, OK, 1:07.46. 200 free, Barager, 2:19.85*; Jorgensen, 2:21.12; Stevens, 2:25.30. 50 back, Jorgensen, 36.77; Trip Zedlitz, OK, 36.90; J.D. Gale, WYO, 37.08. 100 back, Jorgensen, 1:16.10*; Zedlitz, 1:16.65; Stevens, 1:18.49. 50 breast, Stevens, 40.77*; Brian Kaminski, OH, 40.97; Tommy Whowell, WI, 42.65. 100 breast, Stevens, 1:29.49; Kaminski, 1:30.32; Jorgensen, 1:32.26. 50 fly, Stevens, 34.56; Jason Carlstrom, IO, 34.74; Jason Aldred, WYO, 34.81. 100 fly, Stevens, 1:14.70*; Jorgensen, 1:16.13; Carlstrom, 1:17.73. 200 IM, Jorgensen, 2:43.05*; Stevens, 2:43.51; Zedlitz, 2:52.93.

11-12—50 free, Tom Prince, MN, 28.08*; Mike Maddox, OK, 28.12; John Davis, CEN, 28.36. 100 free, Prince, 1:01.34*; William Merkle, CEN, 1:01.93; J.B. Barr, MID, and Maddox, 1:02.41. 200 free, Merkle, 2:12.93; Maddox, 2:13.55; Prince, 2:13.58. 400 free, Merkle, 4:40.29*; Maddox, 4:44.78; Ted Steiner, OH, 4:45.66. 50 back, Merkle, 31.46*; Davis, 32.02; Charlie Petzold, OH, 33.21. 100 back, Merkle, 1:08.72*; Davis, 1:11.37; Barr, 1:12.54. 50 breast, Prince, 35.31*; Tom Keating, IND, 35.45; Mark Swedan, OH, 36.61. 100 breast, Keating, 1:16.86*; Prince, 1:19.45; Scott Smith, MV, 1:19.75. 50 fly, Davis, 29.06*; Maddox, 30.59; Steiner, 30.63. 100 fly, Davis, 1:05.10*; Maddox, 1:07.67; Greg Drake, IND, 1:08.31. 200 IM, Merkle, 2:29.78*; Maddox, 2:32.20; Mark Gwidt, WI, 2:33.23.

13-14—50 free, Brian Cisna, CEN, 26.31*; Brian McKay, CEN, 26.36; Craig Oppel, IO, 26.90. 100 free, Cisna, 56.97*; McKay, 57.08; Oppel, 59.57. 200 free, Cisna, 2:04.78*; McKay, 2:05.06; Oppel, 2:07.88. 400 free, Cisna, 4:22.97*; Oppel, 4:24.47; Greg Dorrance, MV, and McKay, 4:27.54. 800 free, Cisna, 9:05.93*; McKay, 9:12.30; Daniel Jorgensen, CEN, 9:16.61. 1500 free, Cisna, 17:22.73*; Vic Riggs, OH, 17:37.76; McKay, 17:37.90. 100 back, Robin Echard, IND, 1:06.49; Louis

Dodulik, WI, 1:07.33; Eric Diedrich, OH, 1:08.37. 200 back, Echard, 2:23.86; Jorgensen, 2:25.54; Dodulik, 2:27.27. 100 breast, Wade Henderson, OK, 1:14.40; Rick Brough, OK, 1:15.11; Jeff Fields, IND, 1:15.31. 200 breast, Henderson, 2:39.59; Brough, 2:43.84; Shawn Bansell, WYO, 2:46.93. 100 fly, Cisna, 1:02.96*; Echard, 1:03.84; McKay, 1:04.66. 200 fly, Cisna, 2:23.47; Butch Campbell, OK, 2:23.66; Jorgensen, 2:24.45. 200 IM, Brough, 2:23.61; Henderson, 2:24.35; Eric Towson, CEN, 2:25.82. 400 IM, Brough, 5:04.10; Henderson, 5:07.43; Campbell, 5:13.65.

15-18—50 free, Fred Shuster, MV, 25.83; David Fusco, OK, 25.87; David Bushell, ND, 25.92. 100 free, Bushell, 55.58; Shuster, 56.40; Paul Krause, WI, 56.83. 200 free, Shuster, 2:01.02; Mike Bosse, OH, 2:02.06; Fusco, 2:02.14. 400 free, Shuster, 4:16.26; Bosse, 4:17.97; James Proffitt, MV, 4:19.68. 800 free, Proffitt, 8:52.54*; Gerry Vondenbrink, OH, 8:52.71; Kollin Kostboth, OK, 8:59.39. 1500 free, Vondenbrink, 16:50.08; Proffitt, 16:59.06; Kostboth, 17:08.84. 100 back, Frank Eckhart, OK, 1:05.43; Robert Bullock, OH, 1:05.68; Paul Pericich, OZ, 1:05.95. 200 back, Bullock, 2:18.78; Darren McCarthy, MV, 2:21.30; Proffitt, 2:21.37. 100 breast, McCarthy, 1:13.20; Tommy Overgaard, OK, 1:13.71; Jim Heyd, OH, 1:13.78. 200 breast, Steve Lake, OK, 2:38.56; McCarthy, 2:38.70; Todd Davis, MV, 2:40.73. 100 fly, Shuster, 59.90; Jeff Raker, OH, 1:00.22; Rob Knapp, MV, 1:00.64. 200 fly, Knapp, 2:12.45*; Brian Finlay, OZ, 2:14.77; Jeff Baker, OH, 2:16.63. 200 IM, Lake, 2:17.92; Shuster, 2:18.34; McCarthy, 2:19.64. 400 IM, McCarthy, 4:54.96; Bosse, 5:00.15; Kostboth, 5:00.23.

Summer's End Meet

While most people saw the summer come to an end in September, swimmers in Battle Creek, Mich., swam in their Summer's End Meet, Aug. 14-16.

And the Summer's End didn't come any too soon for AYM's Jenny Paul. The 10 and under girl won six events to lead all swimmers at the

short course meet.

Her 10 and under counterpart, Jon Cohen, BAC, won five races to lead the boys' competition.

Jill Groff, RAF, competing among the 11-12s, won three races to lead her age group. She later won two more events in the open competition to give her five golds in three days.

Janet Boniecki, RAF, scored four firsts for the most wins in the open girls' competition, while Amy Banas, CCS, led the 13-14s with three victories.

In the girls' 15-18 age group, Wendy Ingraham, BCSC, and Linda Scott, OLY, shared top honors with two wins apiece.

Top winners among the boys included John Eichelberger, MM, with four wins in the 11-12 age group; Tom Wolfe, MD (three wins, 13-14); Rick Anderson, BEST (three wins, 15-18); and Mike Pegram, MD (three wins, open).

GIRLS

10 and under—50 yard free, Jenny Paul, AYM, 28.95; Jackie Kasly, GMC, 29.30; Debbie Hastings, CDY, 29.51. 100 free, Paul, 1:04.03; Amy McIsaac, MD, 1:06.49; Julie Jensen, DRD, 1:06.62. 200 free, Paul, 2:20.00; Jensen, 2:20.39; Carrie Newlands, BCSC, 2:21.02. 50 back, Paul, 33.60; Jensen, 35.43; Tammy Waring, POSA, 37.01. 50 breast, Paul, 37.03; Lisa Kosak, BCSC, 38.38; Shannon Cohen, NSSC, 39.39. 50

December 11, 12, 13

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November 20, 21, 22—A and Under (All age groups)

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All-American Invitational Swimming and Diving Meet

Texas Swimming Center

January 15-17, 1982

SENIOR PROGRAM Selected Age Group Events

Prelims and Finals
In Most Events

For More Information,
Write or Phone

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Texas Swimming Center
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January 29-31, 1982

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Jan. 2 YMCA Invitational
Mar. 12-14 MIDWEST SENIOR CHAMPIONSHIPS
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CHAMPIONSHIPS

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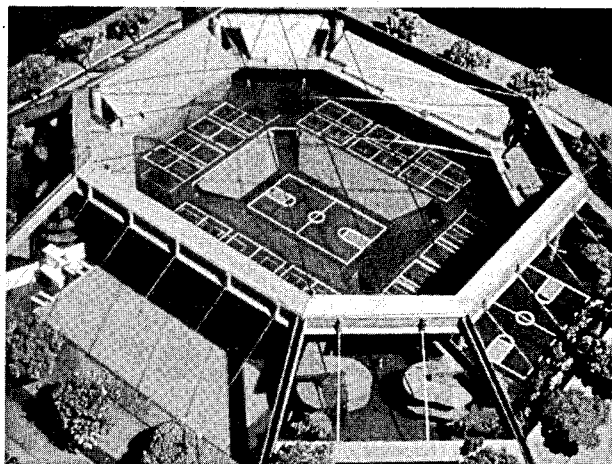
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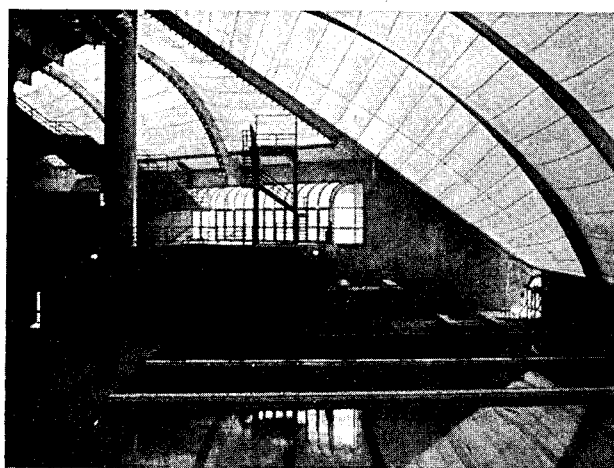
OXYCHEM AGE-GROUP INVITATIONAL

DECEMBER 18, 19, 20, 1981

Gainesville, Florida



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Men's Intercollegiate Dual Meets	Women's Intercollegiate Dual Meets
TEXAS vs. TEXAS A&M Friday-January 8 - 7:00 p.m.	TEXAS vs. UNIVERSITY OF MIAMI Friday-December 4 - 7:00 p.m.
TEXAS vs. TEXAS TECH Saturday-January 9 - 2:00 p.m.	TEXAS vs. UNIVERSITY OF HOUSTON Friday-January 22 - 2:00 p.m.
TEXAS vs. UNIVERSITY OF FLORIDA Saturday-January 23 - 4:00 p.m.	TEXAS vs. UNIVERSITY OF FLORIDA Saturday-January 23 - 2:30 p.m.
	TEXAS vs. TEXAS TECH & S.W. TEXAS Friday-January 29 - 2:00 p.m.

SPECIAL EVENTS

Longhorn Aquatic's All-American Invitational Swimming and Diving Meet
Friday, Saturday and Sunday - January 15, 16 and 17, 1982
Senior Program and Selected Age Group Events

For Entry Information, Write or Call: Don Watson
Texas Swimming Center/1900 East Campus Drive
Austin, Texas, 78705 (512) 471-7771

Women's TAIAW Swimming and Diving Championships
Thursday, Friday and Saturday - February 25, 26 and 27, 1982

Men's Southwest Conference Swimming and Diving Championships
Thursday, Friday and Saturday - March 4, 5 and 6, 1982

AIAW SWIMMING AND DIVING CHAMPIONSHIPS
Wed., Thur., Fri., and Sat., March 17, 18, 19 and 20, 1982

For Ticket Information, Write or Call:

TICKETS - 1981-82
TEXAS SWIMMING CENTER/1900 East Campus Drive
Austin, Texas 78705
(512) 471-7771



Age Group

continued

fly, Kaslly, 32.00; McIsaac, 33.13; Jensen, 33.31. 200 IM, Paul, 2:37.44; Jensen, 2:37.60; Kaslly, 2:41.51.

11-12—50 free, Jill Groff, RAF, 26.38; Kelly Beck, NSSC, 26.50; Marie Blanchard, BEST, 26.58. 100 free, Groff, 56.93; Beck, 57.54; Blanchard, 57.97. 200 free, Groff, 2:00.17; Jenny Jackson, Y-KAT, 2:00.28; Blanchard, 2:05.06. 100 back, Beck, 1:04.35; Kris Treado, GGRSC, 1:04.63; Jackson, 1:08.74. 100 breast, Sue Weersing, GGRSC, 1:15.83; Julie Schnorberger, MYPR, 1:16.24; Brenda Hegedus, MY, 1:16.54. 100 fly, Jackson, 1:02.19; Groff, 1:03.80; Blanchard, 1:05.50. 200 IM, Beck, 2:18.23; Groff, 2:21.13; Blanchard, 2:21.67.

13-14—50 free, Amy Banas, CCS, 25.35; Karen Koleber, OLY, 25.59; Susan Spry, RAF, 25.74. 100 free, Banas, 55.20; Koleber, 55.66; Candice Quinn, BCSC, 55.68. 200 free, Koleber, 2:01.46; Spry, 2:02.37; Quinn, 2:02.78. 100 back, Sheri Fedak, OLY, 1:05.10; Koleber, 1:06.51; Quinn, 1:07.36. 100 breast, Quinn, 1:12.23; Spry, 1:13.49; Jana Dean, MD, 1:16.20. 100 fly, Banas, 1:00.63; Lynda Hughes, BBA, 1:02.47; Norma Nelson, TPS, 1:02.78. 200 IM, Quinn, 2:16.75; Fedak, 2:19.52; Kathy Ley, MD, 2:20.96.

15-18—50 free, Ashley Ogden, BAY, 25.75; Linda Scott, OLY, 25.86; Wendy Ingraham, BCSC, 25.99. 100 free, Ingraham, 54.39; Janet Boniecki, RAF, 54.94; Scott, 54.97. 200 free, Scott, 1:59.63; Ingraham, 2:01.33; Carolyn Lindemulder, GGRSC, 2:02.60. 100 back, Tracie Harmon, MYPR, 1:03.73; Ruth Raftery, BWSC, 1:04.96; Caroline Lorenz, LSA, 1:05.17. 100 breast, Jaymee Fojtik, GMC, 1:12.45; Dana Drummond, TCAC, 1:12.91; Teresa Krupiarz, WPSC, 1:16.09. 100 fly, Scott, 1:01.76; Sue Hollman, DRD, 1:02.45; Nancy Dryden, GGAA, 1:04.78. 200 IM, Ingraham, 2:18.70; Scott, 2:18.76; Harmon, 2:22.81.

Open—500 free, Jill Groff, RAF, 5:12.88; Janet Boniecki, RAF, 5:13.47; Jana Dean, MD, 5:24.58. 1000 free, Groff, 10:40.00; Boniecki, 10:47.44; Amy Banas, CCS, 10:58.43. 200 back, Boniecki, 2:19.78; Tracie Harmon, MYPR, 2:20.69; Kris Treado, GGRSC, 2:21.11. 100 breast, Candice Quinn, 1:10.71; Pat Reed, MD, 1:11.20; Dana Drummond, TCAC, 1:13.38. 200 breast, Reed, 2:32.41; Quinn, 2:35.56; Drummond, 2:39.08. 100 fly, Banas, 59.63; Boniecki, 1:02.59; Sandy Gresko, LYONS, 1:02.65. 200 fly, Boniecki, 2:13.16; Nancy

Dryden, GGAA, 2:18.96; Gresko, 2:19.94. 200 IM, Boniecki, 2:16.41; Jane Gage, BCSC, 2:20.48; Heather Brazas, BCSC, 2:21.12. 400 IM, Boniecki, 4:45.35; Gage, 4:59.41; Dean, 4:59.86.

BOYS

10 and under—50 free, Jeff Zwerner, OLY, 28.46; Tim Burke, DRD, 28.76; Jon Cohen, BAC, 28.94. 100 free, Burke, 1:01.40; Cohen, 1:01.50; Zwerner, 1:02.23. 200 free, Cohen, 2:10.42; Burke, 2:14.11; Zwerner, 2:20.47. 50 back, Cohen, 34.78; Zwerner, 35.63; Deotis Tucker, GGAA, 36.64. 50 breast, Cohen, 36.84; Burke, 37.51; Dave Dewitt, TCAC, 41.16. 50 fly, Cohen, 33.78; Tucker, 33.80; Burke, 34.07. 200 IM, Cohen, 2:29.50; Burke, 2:37.72; Steve Cohen, BAC, 2:47.20.

11-12—50 free, Phil Willis, GSSC, 25.71; John Eichelberger, MM, 25.74; Charlie Wright, BCSC, 26.28. 100 free, Eichelberger, 56.86; Wright, 57.04; Willis, 58.29. 200 free, Eichelberger, 1:58.87; Wright, 2:04.68; John Hensen, DRD, 2:06.50. 100 back, Matt Kirklewski, NSSC, 1:07.68; Eichelberger, 1:08.99; Jensen, 1:10.19. 100 breast, Chris Trombley, APB, 1:15.13; Peter McIsaac, MD, 1:15.40; Kirklewski, 1:15.92. 100 fly, Eichelberger, 1:04.02; Steve Pegram, MD, 1:05.21; Michael Noonan, OLY, 1:06.09. 200 IM, Eichelberger, 2:20.45; Kirklewski, 2:22.93; Willis, 2:24.35.

13-14—50 free, Troy Machiela, GGRSC, 23.25; Glenn Hanlin, PKWY, 24.14; Eric Dresbach, GGAA, 24.37. 100 free, Machiela, 50.49; Tom Wolfe, MD, 54.19; Dresbach, 54.45. 200 free, Wolfe, 1:54.43; David McAfee, OLY, 1:54.78; Machiela, 1:55.87. 100 back, Hanlin, 1:00.66; Wolfe, 1:02.00; McAfee and Dresbach, 1:02.52. 100 breast, Wolfe, 1:08.05; David Wentworth, MD, 1:09.85; Dresbach, 1:11.04. 100 fly, Dresbach, 57.74; Machiela, 59.56; McAfee, 1:00.30. 200 IM, Wolfe, 2:08.75; McAfee, 2:12.66; David Krull, OLY, 2:14.06.

15-18—50 free, Rick Anderson, BEST, 22.43; Andy Montague, GAAC, 22.46; Doug Toal, BEST, 22.62. 100 free, Montague, 48.15; Anderson, 48.21; Toal, 49.72. 200 free, Montague, 1:44.46; Anderson, 1:45.18; Phil Zupic, MD, 1:49.10. 100 back, Anderson, 56.64; Chris Zarka, LSA, 58.43; Jon Edwards, SRSC, 58.47. 100 breast, Chuck Coffman, DRD, 1:05.41; Clay Wheeler, MD, 1:05.87; Curt McNamara, TPS, 1:05.93. 100 fly, Todd Steffes, BCSC, 53.07; Montague, 53.23; Coffman, 53.24. 200 IM, Anderson, 1:59.99; Montague, 2:04.81; Duncan White, MD, 2:05.11.

Open—500 free, Andy Montague, GAAC, 4:44.66; K. Vandersluis, MH, 4:48.85; Mike Pegram, MD, 4:51.30. 1000 free, Pegram, 9:57.97; Vandersluis, 10:03.96;

David McAfee, 10:28.14. 200 back, Rick Anderson, BEST, 2:01.75; Mike Creaser, LSA, 2:06.53; Jon Edwards, SRSC, 2:07.83. 100 breast, Trip Gage, BCSC, 1:02.55; Vandersluis, 1:03.81; Clay Wheeler, MD, 1:05.73. 200 breast, Gage, 2:19.32; Vandersluis, 2:21.10; Jeff Cooper, GGAA, 2:23.13. 100 fly, Pegram, 51.40; Chuck Coffman, DRD, 53.19; Todd Steffes, BCSC, 53.58. 200 fly, Pegram, 1:52.76; Montague, 1:57.40; Coffman, 1:58.00. 200 IM, Vandersluis, 2:02.35; Gage, 2:02.45; Duncan White, MD, 2:04.36. 400 IM, Vandersluis, 4:25.11; White, 4:28.12; Cooper, 4:31.13.

South

Texas Age Group Championships

Ten individual records fell in both the boys' and girls' 15-16 age group in the Texas Age Group Championship meet in San Antonio, Texas, making that group the most interesting to watch in the entire meet.

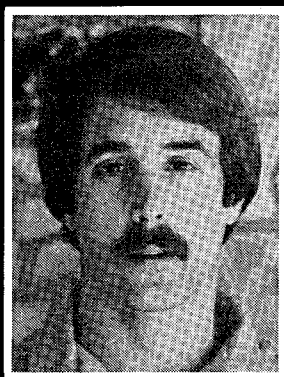
Sandra Goeking, Cypress Fair Swim Club, broke the first state record in the 15-16 girls' division in the 50 meter freestyle.

Newcomer to Texas, Vanessa Richey, Unat., broke state records in the 200 free, 200 breast and 200 IM. She also took first place in the 100 fly. Marilyn Ard, Alamo Area Aquatic Association, established the new state record in the 100 breast.

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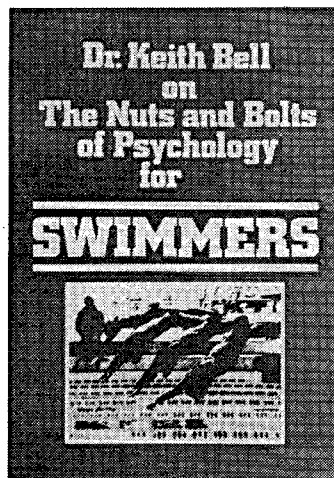
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only other multiple record breaker in this division with records in the 800 free, 200 fly and 400 IM.

In the boys' group in this division, David Hansen, DADS, broke the old 50 free record held by Kevin Ruszkowski. Kevin, however, broke the state record in the 100 free.

Todd Cook, Swim-a-Day, picked up three records by winning the 200, 400 and 800 free. He also took first place in the 200 fly.

Having lost his 800 free record to Cook, Ace Holley of McAllen Swim Club made a comeback in the 1500 free for a new record. Mike Short, City of Plano Swimmers, set two new state records by winning the 100 and 200 back. He also placed first in the 100 fly.

Scott Hemingway, Spring Swim Team, picked up two state records with wins in the 100 and 200 breast.

For the first time in its history, TAGS was held in two sessions, one July 31-Aug. 2 for the 12 and under age groups; the other session was Aug. 7-9 and included the 13-18 age groups. Both sessions were at Blossom Athletic Center.

Space City Aquatic Team took top honors with points from both sessions totaling 862. Second place in team points was City of Plano Swimmers with 649, and third was Dads Club of Houston with 588½ points. Forty-seven teams participated in the meet.

The other age groups did not fare as well in records broken as the 15-16 group. Erin Newberry, Cypress Fair Swim Club, captured the only state record in the 10 and under girls' division. Erin also took first in the 50 fly and the 200 IM.

In the 10 and under boys' division, David Scholl set two state records. He topped the old standard in the 100 back and 200 IM.

The only state records to fall in the 11-12 girls' division were relays. One was in the 400 meter medley relay which was captured by Longhorn Aquatics' Bobbie Edwards, Joanne Vliet, Kristen Linehan and Natalie Marquis. Their time was 4:58.16. The 400 meter freestyle relay team from the City of Richardson broke the old record of 4:25.68, set in 1976 by the City of Midland with a 4:23.65. Team members were Susan North, Lisa Kroder, Kathy Thomas and Jennifer Howland.

Jim Romanski, Unat., set the only

state record in the 11-12 boys' division with a win in the 50 breast.

Danny Goodwin, McAllen Swim Club, captured the only individual record in the 13-14 divisions. Danny broke his own record in the 800 meter free by two seconds. He also took first places in the 50, 100, 200, 400 and 1500 freestyles and the 200 fly. Longhorn Aquatics team members Patti Olson, Laura Thomas, Michelle Hess and Deanne Burnett captured the 800 free relay record with 9:05.40 over the old Dads team time of 9:11.85.

No records were broken in the 17-18 division. Janet Risser, Longhorn Aquatics, and Ann Conlan, DADS, each took first places in four events. Todd Cook, SAD, and Mike Short, COPS, each had four wins in the boys' division.

GIRLS

10 and under—50 meter free, Michelle Allert, COPS, 32.05; Michael Hasek, COM, 32.16; Leslie Williams, COPS, 32.60. 100 free, Allert, 1:08.79; Hasek, 1:08.88; L. Williams, 1:09.15. 200 free, Hasek, 2:28.33; Erin Newberry, CFSC, 2:28.62; Allert, 2:33.04. 50 back, L. Williams, 37.72; Newberry, 37.77; Maureen Olson, LA, 38.15. 100 back, Hasek, 1:20.42; Sunny Hamm, CFSC, 1:21.73; Newberry, 1:22.99. 50 breast, Allert, 42.70; Olson, 44.01; Heather Simpson, KBT, 44.63. 100 breast, Allert, 1:32.87; Tanya Williams, AAAA, 1:35.25; Shelley Sims, CFSC, 1:35.53. 50 fly, Newberry, 35.05; L. Williams, 35.38; Jessica Brunet, COPS, 36.10. 100 fly, Newberry, 1:15.32; T. Williams, 1:19.73; Brunet, 1:19.90. 200 IM, Newberry, 2:50.02; T. Williams, 2:53.85; Olson, 2:55.58.

11-12—50 free, Rhonda O'Neal, AAC, 29.73; Jennifer Talge, COPS, 30.18; Becky Simpson, COM, 30.25. 100 free, Susan North, COR, 1:02.79; Natalie Marquis, LA, 1:03.59; O'Neal, 1:04.52. 200 free, Marquis, 2:15.45; North, 2:16.41; O'Neal, 2:19.24. 400 free, Marquis, 4:39.29; North, 4:40.58; Jackie Dodge, CFSC, 4:47.23. 50 back, Talge, 34.00; Karin Salinas, DADS, 34.31; Kristen Linehan, LA, 34.80. 100 back, Talge, 1:12.95; Robin Jones, CFSC, 1:14.59; Salinas, 1:14.84. 50 breast, Joanne Vliet, LA, 38.65; Jones, 38.68; O'Neal, 39.15. 100 breast, Vliet, 1:23.61; O'Neal, 1:23.65; Jones, 1:24.85. 50 fly, Marquis, 32.52; Linehan, 32.58; O'Neal, 32.77. 100 fly, Talge, 1:10.25; Linehan, 1:10.33; Marquis, 1:10.65. 200 IM, Talge, 2:35.72; Marquis, 2:36.33; O'Neal, 2:40.49.

13-14—50 free, Jeanne Doolan, LSST, 28.40; Kristin Torgerson, DADS, 28.60; Mary Taylor, CFSC, 28.65. 100 free, Patti Olson, LA, 1:01.91; Michele Lovell, DDP, 1:01.97; Monika Ehlers, SCAT, 1:02.62. 200 free, Olson, 2:12.30; Lovell, 2:13.23; Ehlers, 2:13.29. 400 free, Ehlers, 4:35.13; Paige Wilbur, DDP, 4:36.65; Deanne Burnett, LA, 4:36.73. 800 free, Ehlers, 9:19.52; Missy Bunnell, FWSC, 9:27.32; Cathy Kujat, AAAA, 9:36.17. 1500 free, Burnett, 18:03.86; Bunnell, 18:07.13; Ehlers, 18:10.64. 100 back, Karen Duncan, TASC, 1:11.11; Taylor, 1:11.91; Heather Hardy, AAC, 1:11.97. 200 back, Wilbur, 2:31.66; Stepham Langham, COPS, 2:31.96; Carole Ausburn, NHD, 2:33.50. 100 breast, Hardy, 1:20.62; Taylor, 1:20.98; Burnett, 1:22.57. 200 breast, Daniela Stepman, AAAA, 2:53.90; Kelly Konis, AAC, 2:55.37; Maryruth Wiley, LA, 2:56.41. 100 fly, Teri Siemsen, CBA, 1:08.07; Jean De Groot, GI, 1:08.17; Laura Thomas, LA, 1:08.17. 200 fly, Thomas, 2:26.75; Siemsen, 2:30.11; Olson, 2:30.14. 200 IM, Konis, 2:33.36; Bunnell, 2:35.33; Hardy, 2:36.06. 400 IM, Burnett, 5:19.14; Jill Gellatly, TWST, 5:22.80; Konis, 5:25.19.

15-16—50 free, Sandra Goeking, CFSC, 28.53; Nana Wilemon, CBA, 28.55; Josephine Mattox, H2OR, 28.77. 100 free, Goeking, 1:01.41; Wilemon, 1:01.99; Lori Thompson, COM, 1:02.16. 200 free, Vanessa Richey, Unat., 2:10.40; Wilemon, 2:10.67; Tanya Stanley, SCAT, 2:14.44. 400 free, Richey, 4:30.14; Karen Becker, LA, 4:35.22; Aimee Carabin, AAAA, 4:36.07. 800 free, Carabin, 9:36.88; Stanley, 9:38.87; Ginger Christain, FWSC, 9:44.25. 1500 free, Becker, 18:07.58; Carbin, 18:29.46; Rhonda Reichert, TASC, 18:31.78. 100 back, Wilemon, 1:09.09; Kathy Hossley, DDP, 1:11.18; Tammie Graef, DADS, 1:11.68. 200 back, Wilemon,

2:27.26; Thompson, 2:31.28; Hossley, 2:32.28. 100 breast, Marilyn Ard, AAAA, 1:18.38; Audrey Holmes, LA, 1:20.53; Carabin, 1:20.66. 200 breast, Richey, 2:47.29; Carabin, 2:47.91; Ard, 2:48.90. 100 fly, Richey, 1:07.29; Britt Hoefs, AAAA, 1:07.39; Reichert, 1:07.50. 200 fly, Carabin, 2:22.49; Richey, 2:24.24; Julie Ellsworth, EPAP, 2:26.09. 200 IM, Richey, 2:25.88; Carabin, 2:30.31; Hoefs, 2:31.70. 400 IM, Carabin, 5:19.43; Mary Hughes, AAC, 5:19.87; Becker, 5:20.16.

17-18—50 free, Nancy Stucker, ARL, 28.50; Susan Marks, EPAP, 28.97; Ann Conlan, DADS, 29.28. 100 free, Janet Risser, LA, 1:01.05; Marks, 1:01.08; Stucker, 1:02.90. 200 free, Risser, 2:12.83; Marks, 2:14.67; Christi Patterson, LA, 2:16.18. 400 free, Risser, 4:35.84; Patterson, 4:36.82; Diana Zock, 4:41.11. 800 free, Zock, 9:39.23; Stucker, 9:49.76; Carol Riddle, DADS, 9:56.44. 1500 free, Risser, 18:28.30; Kristy Ditzler, DADS, 19:15.16; Stucker, 19:15.95. 100 back, Laura Dixon, MAC, 1:11.23; Carrie Spisak, KBT, 1:12.11; Charlotte Harrington, ARL, 1:12.83. 200 back, Mixon, 2:29.23; Tricia Pencsak, COR, 2:30.20; Spisak, 2:33.49. 100 breast, Marks, 1:20.20; Kathleen McNeill, CBA, 1:21.84; Riddle, 1:22.31. 200 breast, Marks, 2:55.08; Riddle, 2:55.90; Karen Tooley, AAAA, 2:56.50. 100 fly, Conlan, 1:07.19; Sheila Rembert, DADS, 1:08.61; Stucker, 1:09.00. 200 fly, Conlan, 2:27.34; Daniell Parker, Unat., 2:32.94; Rembert, 2:32.96. 200 IM, Conlan, 2:31.64; Pencsak, 2:32.55; Tooley, 2:35.98. 400 IM, Pencsak, 5:19.98; Conlan, 5:24.35; Tooley, 5:26.01.

BOYS

10 and under—50 free, David Scholl, DADS, 31.12; Jordan Gerton, H2OR, 31.47; Jason Fink, AGGIE, 31.71. 100 free, Gerton, 1:07.69; Fink, 1:07.86; Scholl, 1:08.53. 200 free, Christo Carlisle, SCAT, 2:23.52; Gerton, 2:24.27; Michael Ross, SCAT, 2:28.21. 50 back, Steve Rosner, CFSC, 36.20; Scholl, 36.21; Ross Klingberg, CFSC, 36.68. 100 back, Scholl, 1:17.10; Gerton, 1:18.45; Chris Drew, COPS, 1:19.33. 50 breast, Eric Christopher, COPS, 40.18; Klingberg, 40.79; Rosner, 41.30. 100 breast, Rosner, 1:27.92; Gerton, 1:28.20; Klingberg, 1:28.26. 50 fly, Nelson Sanchez, Unat., 33.67; Fink, 34.14; Scholl, 34.19. 100 fly, Sanchez, 1:15.17; Ross, 1:15.30; Scholl, 1:16.82. 200 IM, Scholl, 2:43.90; Gerton, 2:44.78; Rosner, 2:46.49.

11-12—50 free, Patrick Marnock, SCAT, 28.68; Eddie Hoff, HOT, 28.73; Jim Romanski, Unat., 29.10. 100 free, Romanski, 1:02.18; Chris Cornman, SCAT, 1:02.74; Hoff, 1:03.00. 200 free, Cornman, 2:14.66; Romanski, 2:15.68; Mark Gladson, OAC, 2:16.88. 400 free, Harry Souders, SCAT, 4:41.87; Romanski, 4:42.48; Cornman, 4:42.74. 50 back, Gladson, 32.59; Jeffrey Olsen, LA, 33.34; Jeffrey Allen, COPS, 33.46. 100 back, Olsen, 1:19.89; Gladson, 1:11.42; Ivan Montoya, SCAT, 1:14.74. 50 breast, Romanski, 36.26; Todd Barthe, NETS, 37.57; Todd Williams, SCAT, 38.01. 100 breast, Romanski, 1:20.35; Williams, 1:21.06; Steve Jones, TASC, 1:24.31. 50 fly, Patrick Marnock, SCAT, 31.10; Allen, 31.16; Cornman, 32.00. 100 fly, Cornman, 1:09.04; Allen, 1:09.39; Marnock, 1:10.09. 200 IM, Cornman, 2:35.02; Jones, 2:36.69; Robert Fulton, AAC, 2:36.78.

13-14—50 free, Danny Goodwin, MSC, 26.50; Paul Robinson, COR, 26.57; Matt Assiff, KAST, 26.86. 100 free, Goodwin, 56.47; Robinson, 58.02; Todd Oakes, COPS, 58.05. 200 free, Goodwin, 2:04.49; Scott Pearson, SCAT, 2:06.96; Oakes, 2:07.54. 400 free, Goodwin, 4:16.38; Pearson, 4:26.37; Vaughn Bryant, BVS, 4:29.97. 800 free, Goodwin, 8:43.44; Bryant, 9:11.86; Pearson, 9:17.72. 1500 free, Goodwin, 17:13.07; Ernie Aliseda, MSC, 18:00.57; Tom Stus, SCAT, 18:01.13. 100 back, Wade Stokes, COR, 1:13.56; Taco Brink, DADS, 1:05.86; Robinson, 1:07.89. 200 back, Stokes, 2:19.53; Brink, 2:22.09; Robinson, 2:22.63. 100 breast, Ken Strassburger, FWSC, 1:14.54; Mike Andrews, QVAC, 1:14.95; Robert Marquis, LA, 1:15.02. 200 breast, Strassburger, 2:40.87; Bryant, 2:40.99; Marquis, 2:41.05. 100 fly, Strassburger, 1:03.41; Timor Martin, SCAT, 1:03.49; Oakes, 1:03.54. 200 fly, Goodwin, 2:18.06; John Nichols, COPS, 2:18.88; Bryant, 2:23.26. 200 IM, Strassburger, 2:20.12; Stokes, 2:23.11; Robinson, 2:24.51. 400 IM, Bryant, 4:56.67; Stokes, 5:00.07; Robinson, 5:02.35.

15-16—50 free, David Hansen, DADS, 25.26; Mike Short, COPS, 25.32; Kevin Ruszkowski, SCAT, 25.51. 100 free, Ruszkowski, 54.96; Short, 55.05; Stan Kroder, COR, 55.67. 200 free, Todd Cook, SAC, 1:59.24; Mike Lovfald, SCAT, 2:00.76; Kroder, 2:01.81. 400 free, Cook, 4:09.86; Lovfald, 4:14.65; Bobby Hunt, SCAT, 4:15.05. 800 free, Cook, 8:40.06; Ace Holley, MSC, 8:44.62; Tony Patz, AAAA, 8:50.40. 1500 free, Holley, 16:40.77; Hunt, 16:42.73; Cook, 16:57.00. 100 back, Short, 1:02.49; Tom Dillinger, COR, 1:03.69; Tommy Plough, CBA, 1:04.20. 200 back, Short, 2:16.56; Hunt, 2:17.29; Plough, 2:17.78. 100 breast, Scott Hemingway, SST, 1:10.52; Stephen Grein, SCAT, 1:10.68; John Humphries, AAC, 1:11.78. 200 breast, Hemingway, 2:32.19; John Whitner, COPS, 2:34.96; Grein, 2:35.15. 100 fly, Short, 1:00.02; Peter Kehle, LA, 1:00.79; Hemingway, 1:00.86. 200 fly, Cook, 2:11.68; Lovfald, 2:13.28; Holley, 2:13.40. 200 IM, Hemingway, 2:16.80; Cook, 2:18.01; Kroder, 2:18.97. ▶

Age Group

continued

400 IM, Hemingway, 4:45.75; Cook, 4:46.65; Short, 4:54.38.

17-18—50 free, Asa Lawrence, Unat., 24.75; Anders Rasmussen, LA, 25.43; Randy Patten, CBA, 25.57. 100 free, Lawrence, 53.64; Bob Erwin, ARL, 55.74; Perry Corke, SCAT, 55.98. 200 free, Erwin, 1:58.46; Corke, 2:02.65; Peter Klein, DADS, 2:03.30. 400 free, Erwin, 4:19.95; Corke, 4:12.96; Mark Juvrud, EPAP, 4:15.82. 800 free, Erwin, 8:50.20; Juvrud, 8:52.33; Corke, 9:00.32. 1500 free, Juvrud, 1:49.47; Brent Bunnell, FWSC, 17:32.95; Steve Perry, EPAP, 18:04.62. 100 back, Rasmussen, 1:02.54; Erwin, 1:02.70; Klein, 1:04.07. 200 back, Erwin, 2:14.66; Jim Anderson, AAAA, 2:14.82; Klein, 2:15.03. 100 breast, Dan Rogers, Unat., 1:10.49; Barry Moore, COR, 1:10.70; Saul Garcia, EPAP, 1:11.68. 200 breast, Moore, 2:33.00; Rogers, 2:33.09; Tom Wiley, LA, 2:36.35. 100 fly, Scott Carpenter, COPS, 59.44; Barry Ernst, MSC, 59.73; Pat Taylor, SCAT, 1:00.69. 200 fly, Corke, 2:10.15; Ernst, 2:12.94; Mike Scrivner, COR, 2:15.26. 200 IM, Erwin, 2:15.34; Scrivner, 2:16.56; Wiley, 2:17.97. 400 IM, Scrivner, 4:49.69; Juvrud, 4:50.03; Garcia, 4:53.35.

National YMCA Invitational

In past years, swimming stars such as Tracy Caulkins, Scott Spann, Melissa Belote, Brian Goodell, Shirley Babashoff, Jim Montgomery, Kathy Heddy, Jesse Vassallo, Nancy Garapick and Mike Bruner have churned the waters of Westside Park Pool in Greenville, S.C.

Greenville used to be the home of one of the top long course meets in the country, the Fidelity Federal Open. This summer, the Westside Park Pool attracted many of the top YMCA swimmers for the 1981 National YMCA Long Course Invitational Championships, Aug. 5-8.

Patricia Sullivan of Eastern Queens YMCA-BD and Jeff Wentz of Sarasota YMCA swam as if they owned Greenville's 50 meter pool. Each won four events to lead all champions.

Sullivan topped the 100 and 200 back, 100 fly and 200 IM. Lee County YMCA's Kim Paskal had one less win than Sullivan among the senior women's competition, capturing the two distance freestyles (800 and 1500) plus the 400 IM.

Wentz captured both backstrokes and both IMs for his four victories. Sarasota teammates Eric Stier and Scott Rainey kept pace with three wins apiece—Stier in the three sprint freestyles and Rainey in the three distance freestyles.

Double winners among the men included another Sarasotan, Bruce Novus, who swept the breaststrokes, and Paul Herring of Charleston Family YMCA with two wins in the butterfly.

Double winners among the women included Lisa Fraser of Rock

Island YMCA with victories in the 100 and 200 breast, along with Nancy Stephens of Sarasota with first-place finishes in the 100 and 200 free.

That left gold medals for Catherine Laing, Sarasota, in the 50 free; Sarah Yarger, Lee County, in the 400 free; and Heidi Bowen, Sarasota, in the 200 fly.

GIRLS

Senior—50 meter free, Catherine Laing, SYS, 27.96; Pam Timmerman, CF-Y, 28.39; Nancy Stephens, SYS, 28.87. 100 free, Stephens, 59.64; Laing, 1:00.61; Leslie Beckstein, SYS, 1:01.97. 200 free, Stephens, 2:08.74; Kim Paskal, GLCY, 2:10.74; Laing, 2:11.44. 400 free, Sarah Yarger, GLCY, 4:33.15; Paskal, 4:35.43; Stephens, 4:39.14. 800 free, Paskal, 9:17.07; Brenda McCann, SYS, 9:22.83; Yarger, 9:23.01. 1500 free, Paskal, 17:39.94; McCann, 17:41.77; Yarger, 17:46.73. 100 back, Patricia Sullivan, EQY-BD, 1:10.00; Kay Sterrett, SYS, 1:12.67; Missy Butler, SYS, 1:14.19. 200 back, Sullivan, 2:29.97; Stacey D'Angelo, GRY, 2:39.56; Jeanine Laz, GLCY, 2:39.64. 100 breast, Lisa Fraser, RLY, 1:19.71; Ann Rownd, SYS, 1:22.53; Liz Johnson, RLY, 1:23.25. 200 breast, Fraser, 2:51.52; Johnson, 2:56.25; Rownd, 2:59.43. 100 fly, Sullivan, 1:09.27; Dianne Piercy, GLCY, 1:09.92; Heidi Bowen, SYS, 1:09.99. 200 fly, Bowen, 2:33.21; Sherry Behan, RLY, 2:36.81; Cathy McLoughlin, EQY-BD, 2:39.32. 200 IM, Sullivan, 2:32.08; Michele Huyette, SYS, 2:37.01; Ann Duke, RH-Y, 2:39.38. 400 IM, Paskal, 5:31.46; Carol Burdges, GRY, 5:32.36; Duke, 5:34.33.

BOYS

Senior—50 free, Eric Stier, SYS, 25.24; Bruce Novus, SYS, 25.56; Bruce Porter, GLCY, 26.02. 100 free, Stier, 54.40; Paul Herring, CF-Y, 55.82; Porter, 56.45. 200 free, Stier, 1:58.58; Scott Rainey, SYS, 2:00.46; Craig Bartlett, SYS, 2:02.67. 400 free, Rainey, 4:11.37; Stier, 4:18.14; Bartlett, 4:18.51. 800 free, Rainey, 8:37.81; Mike Lotz, SYS, 8:56.76; Bartlett, 9:03.72. 1500 free, Rainey, 16:44.72; Lotz, 17:12.53; Bartlett, 17:33.14. 100 back, Jeff Wentz, SYS, 1:00.77; Dan Fritsch, SYS, 1:06.13; Herring, 1:06.68. 200 back, Wentz, 2:19.95; Fritsch, 2:24.87; Dave Mercer, SYS, 2:27.36. 100 breast, Novus, 1:12.14; Jim Cole, CHAT-Y, 1:13.34; Mike Kirsch, SYS, 1:13.45. 200 breast, Novus, 2:39.19; Kirsch, 2:39.71; Bobby Kelley, GRY, 2:43.85. 100 fly, Herring, 59.44; Rob Rector, SYS, 1:01.00; Scott Johannsen, RLY, 1:01.19. 200 fly, Herring, 2:12.71; Rector, 2:14.61; Kevin Ryan, GLCY, 2:19.87. 200 IM, Wentz, 2:12.44; Fritsch, 2:20.39; Rector, 2:22.40. 400 IM, Wentz, 4:45.52; Rector, 5:00.79; Fritsch, 5:02.13.

Southern Zone All-Stars

Swimmers in the 11-state Southern Zone All-Star Swimming Championship at Southern Methodist University in Dallas, Texas, Aug. 14-16, had more to contend with than the swimmers themselves.

They had to battle 100-degree temperatures, humidity and bright sun. Even a thunderstorm during the last part of Sunday night's finals forced the meet indoors where unfinished medley relays were swum in a 25 yard pool.

Otherwise, the meet was conducted long course, and North Carolina overcame the elements and scored a team victory over Florida and Georgia.

The most wins in the girls' 11-12 age group were chalked up by South Carolina's Karen Boyer with four. Diana Rugg of Florida was the only multiple winner in the 13-14 girls' competition, taking the 200 and 400

meter free.

Among the 15-16 girls, freestyler Teresa Finn of North Carolina sped to three wins to lead her age group. Lisa Posner of Florida was the only other multiple winner in that division with two titles in the 50 and 100 free.

North Carolina's Melvin Stewart led the 11-12 boys with five wins. The top two scorers among the 13-14 boys were Danny Goodwin of South Texas and J. Roberts of the Southern Association, who scored two wins apiece.

In the 15-16 boys' age group, three swimmers each had two wins—Ace Holley of South Texas, D. Nowell of Florida Gold Coast and Walt Braadt of Florida.

GIRLS

11-12—50 meter free, R. Nelson, GA, 29.41; S. Mitchell, KY, 29.84; A. Moody, NC, 29.92. 100 free, K. Boyer, SC, 1:02.76; S. North, SW, 1:03.06; T. Isaacson, FL, 1:03.40. 200 free, Boyer, 2:15.08; North, 2:15.55; T. Zipszer, FGC, 2:16.67. 400 free, Boyer, 4:40.18; Isaacson, 4:33.45; K. Hill, GA, 4:43.46. 100 back, J. Talge, SW, 1:13.93; K. Welch, SC, 1:13.97; Nelson, 1:14.09. 100 breast, Hill, 1:21.97; G. Dawn, FL, 1:24.28; R. Jones, GU, 1:24.28. 100 fly, Boyer, 1:07.73; Isaacson, 1:07.80; Nelson, 1:08.57. 200 IM, Hill, 2:31.63; Welch, 2:32.04; Isaacson, 2:37.22.

13-14—50 free, J. Doolen, SW, 28.10; M. Mauberger, STX, 28.46; M. Lee, FL, 28.55. 100 free, A. Myers, GA, 1:01.06; A. Kelly, FGC, 1:01.11; D. Rugg, FL, 1:02.04. 200 free, Rugg, 2:10.49; Kelly, 2:12.36; L. Nelson, FGC, 2:12.99. 400 free, Rugg, 4:34.93; K. Ciesla, GA, 4:35.06; M. Bunnell, SW, 4:35.36. 800 free, Ciesla, 9:23.73; Rugg, 9:27.97; Bunnell, 9:28.91. 200 back, C. Petrone, FL, 2:31.51; T. Jackson, FGC, 2:31.65; K. Sammartin, KY, 2:32.55. 200 breast, H. Jones, FL, and D. Stepman, STX, 2:53.67; W. Bobseine, SC, 2:55.06. 200 fly, Nelson, 2:25.32; V. Robinson, KY, 2:28.81; S. Beauford, SC, 2:31.16. 200 IM, D. Benoist, FL, 2:30.25; Nelson, 2:31.81; Kelly, 2:32.30.

15-16—50 free, L. Posner, FL, 28.20; S. Goeking, GU, 28.55; K. Zubatuk, SO, 28.67. 100 free, Posner, 1:01.10; Goeking, 1:01.49; K. Browne, FL, 1:02.05. 200 free, T. Finn, NC, 2:12.06; J. Tankersley, FGC, 2:13.90; Goeking, 2:14.88. 400 free, Finn, 4:37.80; L. Rosenstein, FL, 4:42.31; A. Myers, GA, 4:42.69. 800 free, Finn, 9:32.81; L. McGregor, FGC, 9:33.07; Rosenstein, 9:34.59. 200 back, K. Hossley, NC, 2:31.11; K. Cupstid, GA, 2:32.39; T. Dekraay, NC, 2:34.51. 200 breast, M. Ard, STX, 2:49.05; K. Reiser, KY, 2:54.54; T. Shied, KY, 2:54.81. 200 fly, H. Watts, SC, 2:32.02; T. Beebe, FGC, 2:33.49; M. Ciepiela, SW, 2:34.02. 400 IM, McGregor, 5:22.97; M. Webb, NC, 5:26.85; Beebe, 5:27.21.

BOYS

11-12—50 free, M. Debruhi, NC, 27.82; J. Romanski, SW, 28.09; P. Tezza, GA, 28.35. 100 free, M. Stewart, NC, 1:00.60; M. Dubruhl, NC, 1:02.25; Romanski, 1:02.42. 200 free, Stewart, 2:10.16; Debruhi, 2:11.51; S. Vassallo, FGC, 2:14.18. 400 free, Stewart, 4:30.65; Vassallo, 4:36.54; B. Barnett, SO, 4:38.02. 100 back, Stewart, 1:11.39; C. Rose, FL, 1:12.52; S. Scanlan, KY, 1:13.26. 100 breast, Barnett, 1:18.73; C. McDaniels, NC, 1:18.80. 100 fly, Stewart, 1:05.92; Vassallo, 1:08.45; J. Olsen, SE, 1:09.87. 200 IM, J. Ortiz, FGC, 2:30.41; Barnett, 2:31.08; G. Sproles, NC, 2:33.53.

13-14—50 free, J. Roberts, SO, 28.00; S. Bogardus, GA, 26.27; P. Robinson, SW, 26.30. 100 free, Roberts, 56.90; D. Betzold, NC, 57.31; S. Wilson, GA, 57.58. 200 free, D. Goodwin, STX, 2:01.69; N. Wilson, NC, 2:03.38; Roberts, 2:04.10. 400 free, Goodwin, 4:17.06; N. Wilson, 4:18.79; J. Hampton, NC, 4:21.35. 800 free, Hampton, 8:54.57; N. Wilson, 8:54.82; T. Rawls, FL, 8:56.10. 200 back, D. Mitchell, NC, 2:18.25; G. Jurch, FL, 2:20.71; T. Siebel, KY, 2:23.61. 200 breast, B. Matz, NC, 2:37.89; E. Tooley, STX, 2:41.25; V. Bryant, GU, 2:42.18. 200 fly, J. Nichols, SW, 2:18.47; Mitchell, 2:18.51; T. Halligan, GA, 2:21.05. 200 IM, Betzold, 2:19.29; N. Wilson, 2:20.49; S. Wilson, 2:22.41.

15-16—50 free, D. Nowell, FGC, 25.22; A. Sayko, NC, 25.31; M. Masters, GA, 25.64. 100 free, Nowell, 55.17; Sayko, 55.58; S. Kroder, SW, 55.67. 200 free, W. White, NC, 1:59.43; Kroder, 2:00.16; Sayko, 2:01.70. 400 free,

W. Braadt, FL, 4:14.45; White, 4:14.58; P. Johnson, GA, 4:17.42. 800 free, A. Holley, STX, 8:43.24; White, 8:50.75; Johnson, 8:53.94. 200 back, Braadt, 2:12.98; J. Reville, NC, 2:13.76; M. Aselton, SC, 2:20.32. 200 breast, J. Vasant, NC, 2:34.75; J. Whitner, SW, 2:37.47; T. Huff, GA, 2:38.65. 200 fly, Holley, 2:12.98; S. Wynkoop, KY, 2:14.97; B. Bowman, SC, 2:16.20. 400 IM, Reville, 4:50.28; Vasant, 4:52.38; Whitner, 4:53.77.

East

Virginia JOs

"Eight is enough." That's what swimmers in the boys' 11-12, 13-14 and girls' 13-14 age groups must have been saying at the Virginia Junior Olympics and Age Group Championships, Aug. 7-9, in Norfolk, Va.

In those three divisions, Jim Jones (BRAC), Jeff Utsch (BRAC) and Lee Gardner (HAC), respectively, won eight long course events apiece. That didn't leave too many gold medals for the rest of the competition, so for the other competitors, "eight was definitely enough."

The other age groups had their share of top winners as well. Among the 10 and under girls, Whitney Hedgepeth, TOP, scored six firsts. Michelle Fridley, LFST, did the same trick among the 15-16 girls,

winning all six freestyle races from 50 to 1500 meters.

Elise Hughes, CGBD, and Kathy Coffin, TOP, each won five events among the 11-12 and 17-18 girls, respectively.

Top male swimmers included TOP's Mark Ruthledge (15-16) with six wins and Kevin Hidalgo (17-18) with four. Jimmy Goodloe, WAM, paced the 10 and under boys with four victories.

GIRLS

10 and under—50 meter free, Sydna Farrar, CGBD, 31.55; Krissy Short, HAC, 31.98; Whitney Hedgepeth, TOP, 32.21. 100 free, Hedgepeth, 1:09.77; Farrar, 1:09.98; Short, 1:10.24. 200 free, Farrar, 2:33.29; Hedgepeth, 2:33.72; Short, 2:36.21. 50 back, Hedgepeth, 37.18; Karen Burgess, TOP, 37.90; Lesley Moseley, RAMS, 39.14. 100 back, Burgess, 1:20.57; Hedgepeth, 1:21.11; Moseley, 1:26.38. 50 breast, Melissa Jolly, FTE, 42.89; Farrar, 43.79; Laura DeMars, LAPS, 44.46. 100 breast, Hedgepeth, 1:33.39; Jolly, 1:34.60; Farrar, 1:34.94. 50 fly, Hedgepeth, 35.18; Cindy Walker, CGBD, 36.16; Moseley, 36.15. 100 fly, Hedgepeth, 1:18.91; Walker, 1:23.81; Short, 1:24.28. 200 IM, Hedgepeth, 2:52.45; Burgess, 2:55.45; Short, 2:55.84.

11-12—50 free, Kelly White, HAC, 29.72; Elise Hughes, CGBD, 30.62; Susan Elder, TOP, 30.95. 100 free, Hughes, 1:07.01; White, 1:07.07; Paula Jones, LAPS, 1:07.36. 200 free, Jean Millen, BRAC, 2:27.35; Jones and Jennifer Knowles, QDD, 2:29.17. 400 free, Staciann Leuschner, BNAC, 5:07.55; Millen, 5:10.34; Knowles, 5:11.94. 50 back, Hughes, 35.22; Amy Pulling, TOP, 35.56; Chris Franklin, QDD, 36.07. 100 back, Hughes, 1:16.53; Franklin, 1:16.93; Pulling, 1:19.60. 50 breast, Sonia Lawler, ODAC, 38.55; Katie Kilburg, CAST, 39.27; Lisa Hudson, TOP, 40.17. 100 breast, Lawler, 1:27.21; Kilburg, 1:29.06; Liz Tarpley, RVAA, 1:29.45. 50 fly, Hughes, 32.76; Squiffy Walker, RAMS, 33.26; Sandy Allen, LAPS, 33.70. 100 fly, Hughes,

1:14.40; Millen, 1:16.04; Walker, 1:18.93. 200 IM, Knowles, 2:47.51; Katy Arris, ODAC, 2:49.31; Margaret Ihlenfeld, QDD, 2:49.75.

13-14—50 free, Sandy Wintermute, CAST, 29.55; Debbie Willis, BRAC, 29.58; Beth Battaglia, CGBD, 29.89. 100 free, Lee Gardner, HAC, 1:03.66; Wintermute, 1:05.97; Caroline Rossanda, QDD, 1:06.08. 200 free, Gardner, 2:16.19; Willis, 2:17.83; Wendy Gwaltney, BRAC, 2:18.27. 400 free, Gardner, 4:45.02; Willis, 4:49.77; Gwaltney, 4:51.97. 800 free, Heather Burgess, BRAC, 9:51.87; Gwaltney, 10:03.65; Mary Powell, WAM, 10:22.79. 1500 free, Gwaltney, 18:48.62; Powell, 19:54.12; Sharon Dulaney, CAST, 20:08.94. 100 back, Gwaltney, 1:10.37; Jamie Dawson, CAST, 1:11.37; Gardner, 1:12.94. 200 back, Gardner, 2:32.63; Dawson, 2:41.05; Mandy Owens, BRAC, 2:43.59. 100 breast, Gardner, 1:19.11; Owens, 1:20.35; Trish Emden, CGBD, 1:23.93. 200 breast, Gardner, 2:50.72; Rene Stewart, TOP, 3:02.46; Paula Driver, ODAC, 3:02.87. 100 fly, Willis, 1:07.21; Andi Grazier, FTE, 1:11.55; Pam Taylor, CGBD, 1:12.59. 200 fly, Willis, 2:30.91; Grazier, 2:36.31; Jodi Heine, ODAC, 2:39.38. 200 IM, Gardner, 2:31.82; Heine, 2:42.57; Wintermute, 2:45.76. 400 IM, Gardner, 5:18.62; Owens, 5:29.73; Heine, 5:44.52.

15-16—50 free, Michelle Fridley, LFST, 29.54; Ann Cline, CAST, 29.89; Laura Clark, PBM, 30.02. 100 free, Fridley, 1:03.39; Susan Van Arnam, TOP, 1:05.92; Clark, 1:06.02. 200 free, Fridley, 2:17.71; Kim Ihlenfeld, QDD, 2:22.31; Cline, 2:25.78. 400 free, Fridley, 4:43.80; Sandi Walton, ODAC, 4:53.40; Caycee Poust, BRAC, 4:59.43. 800 free, Fridley, 9:56.24; Leann Picciolo, WAM, 10:55.83; Karen Cummins, RVAA, 11:31.04. 1500 free, Fridley, 18:53.27; Picciolo, 20:58.14; Carolyn Perry, DCA, 21:58.24. 100 back, Walton, 1:11.52; Cline, 1:14.28; Jane Wilson, RAMS, 1:18.94. 200 back, Cline, 2:46.22; Van Arnam, 2:46.23; Fridley, 2:47.49. 100 breast, Julie Dillenbeck, WAM, 1:24.18; Walton, 1:28.44; Sheryl York, CAST, 1:31.34. 200 breast, Margaret Lina, PBM, 3:22.20; Michele Murray, PBM, 3:25.30; Debbie Jones, BRAC, 3:28.06. 100 fly, Poust, 1:10.69; York, 1:12.26; Clark, 1:13.82. 200 fly, Walton, 2:35.41; Wilson, 2:46.67. 200 IM, Walton, 2:36.29; Van Arnam, 2:43.40; York, 2:44.71. 400 IM, Walton, 5:26.43; Poust, 5:30.57; Wilson, 6:02.99.

17-18—50 free, Kathy Coffin, TOP, 28.86; Michele Cary, TOP, 29.27; Jacqueline Lewis, BRAC, 29.73. 100 free, Coffin, 59.65; Lisa Sink, RVAA, 1:04.99; Lewis, 1:05.04. 200 free, Coffin, 2:13.41; Karen Harper, CGBD, 2:20.28; Betty Belknap, CGBD, 2:21.05. 400 free, Coffin,

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Rick Rowland, Pepperdine's Aquatic Director, Head Polo Coach and Advisory swim coach, will again conduct his camp in the Wave's Olympic Pool. Rick has been an outstanding coach at every level and received the Masters Coach Award from the College Swim Coaches Association of America. Rowland has coached Olympians like Gary Hall, Dana Schoenfeld, Paul Hartloff and others. He has coached more than 100 All-American athletes in swimming and water polo plus over 100 championship winning teams from age group to CIF to NCAA levels.

Guests include: Mark Schubert of Mission Viejo; Peter Daland, USC; Doug Russell, Olympic Champion; Monte Nitzkowski, Olympic Polo Coach; Bill Barnett, USA National Jr. Polo Coach; Jim Sprague, Sunny Hills Polo Coach; and Tom Hermsstad, Golden West College. Full time staff includes Keith Cruickshank, Pepperdine Head Swim Coach, plus others. Campers may enroll for either division of the camp—swimming or water polo—and may participate as a boarder camper or commuter camper.



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continued

4:42.66; Cary, 4:50.96; Harper, 4:55.70. 800 free, Sink, 10:03.92; Tricia Lanter, RVAA, 10:30.27; Heather Griffin, RVAA, 11:07.31. 1500 free, Sink, 19:14.78; Lanter, 19:30.77; Teri Smith, CAST, 22:43.95. 100 back, Kathy Martin, ODAC, 1:12.49; Coffin, 1:14.46; Belknap, 1:14.61. 200 back, Martin, 1:23.88; Belknap, 2:41.49; Lewis, 2:45.72. 100 breast, Belknap, 1:20.63; Coffin, 1:21.72; Cynthia Eckstein, RVAA, 1:23.71. 200 breast, Belknap, 2:56.60; Eckstein, 2:56.96; Nancy Horvatic, ODAC, 3:04.59. 100 fly, Joanie Elmore, ODAC, 1:08.64; Martin, 1:09.31; Lewis, 1:10.87. 200 fly, Martin, 2:30.19; Cary, 2:37.20; Harper, 2:39.64. 200 IM, Coffin, 2:34.71; Belknap, 2:36.55; Martin, 2:37.69. 400 IM, Belknap, 5:34.44; Martin, 5:36.09; Cary, 5:41.00.

BOYS

10 and under—50 free, Paul Harris, CAST, 32.39; Kevin Lacy, RAMS, 33.22; Steve Zerkle, BRAC, 33.45. 100 free, Jimmy Goodloe, WAM, 1:11.96; Zerkle, 1:13.46; Todd Newman, DSA, 1:14.21. 200 free, Goodloe, 2:33.86; Zerkle, 2:38.87; Newman, 2:40.75. 50 back, Zerkle, 38.78; Goodloe, 39.26; Harris, 40.14. 100 back, Goodloe, 1:23.46; Zerkle, 1:25.40; Greg Burgess, BRAC, 1:16.50. 50 breast, Michael Martinez, DSA, 43.00; Mike Lynch, Unat., 43.10; Graham Williams, FTE, 43.28. 100 breast, Williams, 1:33.87; Lynch, 1:34.15; Martinez, 1:34.71. 50 fly, Zerkle, 35.35; Brian Bale, ODAC, 36.62; Billy Glidden, CGBD, 37.46. 100 fly, Zerkle, 1:18.75; Goodloe, 1:24.94; Kevin Lacy, RAMS, 1:26.13. 200 IM, Goodloe, 2:55.80; Zerkle, 3:01.80; Glidden, 3:10.48.

11-12—50 free, Jim Jones, BRAC, 27.85; Nicky Salido, LAPS, 29.44; Troy Gerhardt, LAPS, 30.02. 100 free, Jim Jones, 1:01.16; Gerhardt, 1:04.56; Branch Fields, CGBD, 1:06.87. 200 free, Jim Jones, 2:13.89; Gerhardt, 2:20.14; Jon Jones, BRAC, 2:20.19. 400 free, Jim Jones, 4:46.12; Jon Jones, 4:53.26; Gerhardt, 5:01.03. 50 back, Jeff Rouse, QDD, 34.39; Mark VanLandingham, RVAA, 34.72; Jim Jones, 34.82. 100 back, Jim Jones, 1:14.51; Rouse, 1:16.76; Steven Eliasek, BRAC, 1:16.81. 50 breast, Salido, 37.10; VanLandingham, 37.67; Chris Canady, QDD, 38.39. 100 breast, Jim Jones, 1:21.60; VanLandingham, 1:23.65; Canady, 1:25.05. 50 fly, Eliasek, 31.53; Fields, 31.57; Rouse, 31.83. 100 fly, Jim Jones, 1:10.28; Gerhardt, 1:12.62; Fields, 1:13.17. 200 IM, Jim Jones, 2:31.39; Gerhardt, 2:38.15; VanLandingham, 2:41.81.

13-14—50 free, Jeff Utsch, BRAC, 27.33; Ron Fleming, TOP, 27.35; Kevin Long, LAPS, 27.65. 100 free, Utsch, 58.87; Steve Edwards, TOP, 1:00.05; Long, 1:00.31. 200 free, Utsch, 2:06.25; Long, 2:10.34; Chris Turman, RVAA, 2:10.45. 400 free, Patrick Brundage, BRAC, 4:29.89; Turman, 4:35.46; Will Fitzhugh, BRAC, 4:36.55. 800 free, Utsch, 8:59.25; Brundage, 9:12.16; Fitzhugh, 9:45.86. 1500 free, Brundage, 17:21.34; Fitzhugh, 18:32.29; Bill Brackman, ODAC, 18:39.71. 100 back, Utsch, 1:08.06; Bruce Brockschmidt, WST, and Brundage, 1:08.84. 200 back, Utsch, 2:24.64; Brundage, 2:34.75; Jim Jachimowski, HAC, 2:38.11. 100 breast, Andrew Hamer, RAMS, 1:12.97; Edwards, 1:15.07; Donald Fleming, TOP, 1:17.81. 200 breast, Edwards, 2:38.13; Hamer, 2:39.82; Brockschmidt, 2:49.28. 100 fly, Utsch, 1:05.43; Brockschmidt, 1:06.14; Long, 1:06.63. 200 fly, Turman, 2:26.92; Long, 2:26.98; Brockschmidt, 2:31.83. 200 IM, Brundage, 2:25.08; Brockschmidt, 2:30.36; Turman, 2:30.52. 400 IM, Utsch, 5:03.62; Brundage, 5:08.04; Turman, 5:14.24.

15-16—50 free, Todd Bassett, RAMS, 25.63; Coll Haddon, ODAC, 26.29; Pat DiFazio, CAST, 26.42. 100 free, Bassett, 56.42; Greg Peoples, TOP, 57.80; DiFazio, 58.71. 200 free, Mark Ruthledge, TOP, 2:02.72; Bob Tucker, ODAC, 2:03.02; Peoples, 2:04.51. 400 free, Ruthledge, 4:18.84; Peoples, 4:25.43; Scott MacMillan, RAMS, 4:30.67. 800 free, Tucker, 8:57.80; Ruthledge, 8:59.46; MacMillan, 9:32.18. 1500 free, Ruthledge, 17:30.54; Frank Williams, TOP, 18:27.36; Chris Sewell, RVAA, 19:01.74. 100 back, Haddon, 1:05.60; Williams, 1:07.51; Peoples, 1:07.77. 200 back, Peoples, 2:24.79; Haddon, 2:25.89; Williams, 2:27.75. 100 breast, DiFazio, 1:11.79; Tucker, 1:13.57; Ruthledge, 1:13.71. 200 breast, Ruthledge, 2:35.81; DiFazio, 2:39.69; Bob Davis, BRAC, 2:44.53. 100 fly, Tucker, 1:01.42; Haddon, 1:04.38; Williams, 1:15.41. 200 fly, Ruthledge, 2:23.82; Ron Van Vliet, WAM, 2:30.17; Haddon, 2:32.93. 200 IM, Ruthledge, 2:18.53; Peoples, 2:22.74; Williams, 2:23.64. 400 IM, Peoples, 5:02.48; Williams, 5:08.70; Haddon, 5:23.68.

17-18—50 free, John Pohl, PBM, 24.27; Mark Webb, TOP, 25.31; Kevin Hidalgo, TOP, 25.89. 100 free, Webb, 55.75; Pohl, 55.90; Hidalgo, 56.71. 200 free, Webb, 2:02.92; Joe Haddon, BRAC, 2:03.48; Hidalgo, 2:04.53. 400 free, Hidalgo, 4:28.00; Dave Brown, ODAC, 4:40.74; Greg Hudson, TOP, 4:43.73. 800 free, Haddon, 8:59.60; Mark Van Allman, ODAC, 9:13.65; Bruce Gribble, ODAC, 9:25.12. 1500 free, Gribble, 17:49.54; Greg Harris, CAST, 18:44.93; Mike Keenan, CAST, 19:42.50. 100 back, Hidalgo, 1:03.77; Webb, 1:04.78; Pohl,

1:07.86. 200 back, Hidalgo, 2:22.98; Webb, 2:23.99; Mike Lewis, CAST, 2:38.40. 100 breast, Pohl, 1:13.93; Harris, 1:14.76; Haddon, 1:21.00. 200 breast, Van Allman, 2:35.86; Harris, 2:38.59; David Rainard, RAMS, 2:58.89. 100 fly, Webb, 1:01.26; Hidalgo, 1:02.48; Pohl, 1:04.31. 200 fly, Hidalgo, 2:15.79; Haddon, 2:22.67. 200 IM, Harris, 2:20.95; Hidalgo, 2:22.27; Hudson, 2:31.54. 400 IM, Haddon, 5:01.05; Van Allman, 5:04.07; Harris, 5:18.06.

—Submitted by Louise Limerick

Adirondack Championships

Adirondack, like the Louisville Slugger, is a well-known maker of baseball bats.

The Adirondack Long Course Championships in Delmar, N.Y., Aug. 7-9, naturally, were a big hit, especially for five-time winners Nancy Connolly, SUNYA Starfish, in the girls' 13-14 group, and Mike Sheehan, Saratoga YMCA, among the 10 and unders.

Connolly and Sheehan led all swimmers with the most wins, but there were a host of others who didn't strike out when it came to nabbing the gold.

Another Connolly—Mary Beth of Colonie Aquatic—captured four races to lead the 11-12 girls. Her teammate, Elizabeth Kurey, tripled among the 10 and unders to win high point honors in that group. Donna Schulz, Delmar Dolphins, competing with the senior girls, was the meet's other female high point winner as she claimed both backstroke races and 46 points.

The top boys were Greg Alberico, New Hartford Knights, who scored first three times to lead the 13-14 boys; Jay Henahan, DD, who led the senior boys with three wins, just ahead of another triple winner, Ron Ouimette, NHK; and Lance D'Amico, SYMCA, who doubled in the 11-12 category. Jerry Adams of Schenectady Swim Club also dou-



Elizabeth Kurey, 10, won high point honors in her age group at the Adirondack Championships, while her brother John was runner-up in the 11-12 boys.

bled in the same age group and finished runner-up to D'Amico, tied with CAC's John Kurey, the brother of the 10 and under girls' high pointer, Elizabeth.

GIRLS

9-10—50 meter free, Elizabeth Kurey, CAC, and Beth Bergevin, PPSC, 34.13; Alyssa Parilla, NHK, 35.62. 100 free, Kurey, 1:13.92; Bergevin, 1:14.21; Parilla, 1:19.75. 200 free, Kurey, 2:36.63; Bergevin, 2:43.10; Parilla, 2:51.36. 50 back, Bergevin, 41.51; Sabine Lawler, SYMCA, 41.52; Kurey, 43.09. 50 breast, Lawler, 46.38; Judy Finn, ROME, 47.23; Parilla, 48.14. 50 fly, Finn, 39.49; Theresa O'Brien, GFY, 39.77; Kurey, 39.86. 200 IM, Finn, 3:07.98; Kurey, 3:08.37; Lawler, 3:10.86.

11-12—100 free, Mary Beth Connolly, CAC, 1:06.38; Christine Look, Unat., 1:08.24; Sonya Hausner, SSC, 1:08.42. 200 free, Connolly, 2:23.90; Susan Mallory, SUNYA, 2:26.32; Hausner, 2:26.53. 400 free, Connolly, 5:02.90; Hausner, 5:04.92; Katie Mahon, SYMCA, 5:10.75. 100 back, Connolly, 1:16.31; Hausner, 1:17.15; Mallory, 1:18.20. 100 breast, Lynn Apicelli, DD, 1:26.89; Look, 1:28.38; Liz Pearl, PPSC, and Theresa Bobal, PPSC, 1:28.99. 100 fly, Mallory, 1:12.72; Apicelli, 1:15.73; Connolly, 1:16.08. 200 IM, Hausner, 2:44.49; Connolly, 2:47.40; Mallory, 2:47.48.

13-14—100 free, Nancy Connolly, SUNYA, 1:04.32; Julie Wright, SYMCA, 1:04.96; Brenda Reilly, SUNYA, 1:06.27. 200 free, Connolly, 2:19.28; Lisa Maruszczak, CAC, 2:19.88; Wright, 2:19.89. 400 free, Maruszczak, 4:48.98; Wright, 4:49.30; Michelle Hopson, CAC, 4:53.12. 100 back, Connolly, 1:12.51; Penny Berrier, SUNYA, 1:14.55; Wright, 1:16.36. 100 breast, Mary Whalen, SUNYA, 1:23.22; Reilly, 1:23.33; Christine Sgarlata, SUNYA, 1:24.71. 100 fly, Gail Armstrong, SYMCA, 1:10.84; Connolly, 1:13.03; Teresa Maliska, SSC, 1:13.70. 200 IM, Connolly, 2:34.62; Berrier, 2:39.05; Maruszczak, 2:40.45. 400 IM, Connolly, 5:30.80; Maruszczak, 5:33.87; Berrier, 5:43.32.

Senior—100 free, Janet Shaffer, DD, 1:01.37; Lynn Savage, SSC, 1:02.84; Alicia Papke, PPSC, 1:03.25. 200 free, Shaffer, 2:16.15; Papke, 2:16.77; Savage, 2:19.69. 400 free, Papke, 4:49.97; Shaffer, 4:52.49; Cathy Dochak, CAC, 4:52.50. 1500 free, Dochak, 18:46.60; Papke, 19:09.05; Jennifer Scott, SUNYA, 19:16.58. 100 back, Donna Schulz, DD, 1:12.45; Eileen Carty, SYMCA, 1:13.29; Jamie Berrier, SUNYA, 1:13.91. 200 back, Schulz, 2:36.27; Amy Kaiser, SSC, 2:41.47; Savage, 2:44.03. 100 breast, Chrissy Maney, SUNYA, 1:20.77; Debbie Sloan, ONE, 1:20.81; Berrier, 1:21.52. 200 breast, Kim Reynolds, SSC, 2:59.06; Sloan, 2:59.15; Kathy Riley, SUNYA, 2:59.28. 100 fly, Hope Kaiser, SSC, 1:08.19; Schulz, 1:09.83; Berrier, 1:11.26. 200 fly, H. Kaiser, 2:31.81; Schulz, 2:33.56; Scott, 2:36.37. 400 IM, Berrier, 2:33.94; Schulz, 2:36.77; Riley, 2:38.67. 200 IM, Riley, 5:30.06; Schulz, 5:31.03; H. Kaiser, 5:32.54.

BOYS

9-10—50 free, Mike Sheehan, SYMCA, 32.02; John Knowles, ROME, 33.37; John Ferrie, GFY, 35.17. 100 free, Sheehan, 1:09.90; Aaron Schneider, CAC, 1:12.64; Knowles, 1:13.36. 200 free, Sheehan, 2:27.15; Schneider, 2:29.24; Knowles, 2:36.28. 50 back, Sheehan, 37.24; Schneider, 38.52; Knowles, 41.40. 50 breast, Schneider, 43.99; Tim Pfeuffer, ROME, 45.09; John Ferrie, GFY, 45.07. 50 fly, Sheehan, 36.33; Schneider, 37.30; Ferrie, 39.51. 200 IM, Schneider, 2:50.81; Sheehan, 2:58.01; Knowles, 3:05.04.

11-12—100 free, Lance D'Amico, SYMCA, 1:06.67; John Kurey, CAC, 1:07.31; Jerry Adams, SSC, 1:08.87. 200 free, D'Amico, 2:23.73; Kurey, 2:24.37; Adams, 2:30.07. 400 free, Kurey, 5:08.55; D'Amico, 5:14.57; Chris Good, ROME, 5:14.67. 100 back, Adams, 1:16.94; Kurey, 1:18.96; D'Amico, 1:20.95. 100 breast, John Finn, ROME, 1:26.36; Matt Vicinanza, SYMCA, 1:26.97; Bill Pond, SSC, 1:31.26. 100 fly, Paul Auger, PPSC, 1:15.51; Adams, 1:15.69; D'Amico, 1:19.97. 200 IM, Adams, 2:45.80; D'Amico, 2:48.16; Auger, 2:50.25.

13-14—100 free, Dave Young, DD, 1:00.54; Greg Alberico, NHK, 1:01.68; Matt Holland, DD, 1:02.13. 200 free, Alberico, 2:15.67; David Purrington, SUNYA, 2:16.51; Holland, 2:16.68. 400 free, Bart Polacsek, SYMCA, 4:50.06; Ed Pond, SSC, 4:50.72; Holland, 4:52.28. 100 back, Chris Austin, SSC, 1:11.51; Polacsek, 1:11.91; Young, 1:12.16. 100 breast, Alberico, 1:16.38; Scott Apicelli, DD, 1:18.08; Holland, 1:20.00. 100 fly, Polacsek, 1:07.22; Apicelli, 1:07.48; Scott Malin, SYMCA, 1:09.25. 200 IM, Young, 2:28.75; Alberico, 2:31.00; Holland, 2:32.04. 400 IM, Alberico, 5:27.38; Holland, 5:28.70; Matt Huntley, CAC, 5:35.64.

Senior—100 free, Paul Strothenke, ULSTER, 57.50; Dirk Applegate, SUNYA, 58.23; Mark Conoway, SYMCA, 58.50. 200 free, Strothenke, 2:07.03; Jay Henahan, DD, 2:07.81; Ron Ouimette, NHK, 2:10.56. 400 free, Henahan, 4:28.73; Strothenke, 4:36.83; Peter Lukasiewicz, SYMCA, 4:38.59. 1500 free, Henahan, 18:00.53; Strothenke, 18:32.56; Chris Slocum, SSC, 18:47.35. 100 back, Ouimette, 1:06.75; Steve Bonawitz,

DD, 1:07.28; Jeffrey Maxwell, CAC, 1:08.78. 200 back, Ouimette, 2:21.76; Bonawitz, 2:23.09; Jeff Friedel, NHK, 2:28.54. 100 breast, Jon Blank, SYMCA, 1:13.65; Doug Schulz, DD, 1:14.37; Joseph Shore, CAC, 1:15.03. 200 breast, Schulz, 2:41.87; Henahan, 2:46.66; Shore, 2:49.46. 100 fly, Andrew Renshaw, SUNYA, 1:00.60; Tony Renshaw, SUNYA, 1:03.30; Lukasiewicz, 1:05.30. 200 fly, A. Renshaw, 2:25.91; Bonawitz, 2:29.92; Mike Nyllis, DD, 2:31.35. 200 IM, Henahan, 2:25.14; Schulz, 2:26.73; Robert Cowan, SYMCA, 2:27.92. 400 IM, Ouimette, 5:16.35; Schulz, 5:19.34; Jim Ferreira, SYMCA, 5:21.11.

New Jersey JOs

Perhaps with dreams of following in the footsteps of former New Jersey swimming stars Kathy Heddy, Wendy Boglioli or Ellen Wallace, little Paulette Russell of Red Bank Y dominated her 10 and under competition at the New Jersey Long Course Junior Olympics.

Russell merely won eight of 10 races, Aug. 7-9, at the U.S. Military Academy in West Point, N.Y.

Other top girls included Karen Krahulik of Bergen Barracudas with four wins among the 11-12s; Juliane Brossman of Paramus Red Wave, who tripled among the 13-14 girls; and Jan Kemmerling of Bergen Barracudas, who also captured four events.

In the boys' competition, Berkeley Aquatic Club teammates

John Bennett and John Gatti each won seven races to lead the 10 and under and 13-14 age groups, respectively.

Bergen Barracudas' Glen Bover was the top performer among the 11-12 boys, winning four races. Mike Goerke of Fanwood Scotch Plains Y captured the most wins among the 15-18 boys with three, ahead of double winners Jon Buschke (Gator Aquatic Club) and Herb McCaffrey (Berkeley).

GIRLS

10 and under—50 meter free, Stephanie Scheetz, FY, 31.49; Paulette Russell, RBY, 31.62; Jill Bowers, BB, 33.58. 100 free, Russell, 1:10.27; Scheetz, 1:10.73; Heather Honeker, PAC, 1:14.40. 200 free, Russell, 2:33.03; Deirdre Ryan, GAC, 2:33.78; Honeker, 2:38.43. 50 back, Russell, 38.21; Laurie Matheson, PAA, 39.09; Alicia Whitehead, CJAC, 39.74. 100 back, Russell, 1:26.36; Honeker, 1:27.86; Matheson, 1:28.19. 50 breast, Russell, 43.56; Cori Cleurzo, SVY, 44.01; Ellen Richardson, RAY, 44.95. 100 breast, Russell, 1:36.87; Jane Ruman, PRW, 1:37.83; Stephanie Dorsey, 1:38.52. 50 fly, Russell, 35.85; Honeker, 36.00; Cathy Rockey, PCY, 37.35. 100 fly, Honeker, 1:25.93; Matheson, 1:30.05; Russell, 1:30.25. 200 IM, Russell, 2:57.66; Ryan, 3:00.27; Honeker, 3:04.45.

11-12—50 free, Karen Krahulik, BB, 29.61; Kristen Carpinelli, BB, 29.95; Catherine Bauermann, GAC, 30.14. 100 free, Galen Deer, BB, 1:04.16; Krahulik, 1:04.64; Carpinelli, 1:04.65. 200 free, Deer, 2:13.76; Krahulik, 2:16.58; Carpinelli, 2:16.60. 50 back, Carpinelli, 33.20; Krahulik, 34.24; April Levine, FY, 34.83. 100 back, Carpinelli, 1:13.01; Krahulik, 1:14.57; Levine, 1:15.70. 50 breast, A. DiFrancesco, BAC, 39.50; Carin Beyer, FRY, 39.78; Krahulik, 39.89. 100 breast, Beyer, 1:26.20; Krahulik, 1:28.40; Carpinelli, 1:28.80. 50 fly, Krahulik, 32.49; Carpinelli, 32.54; Bauermann,

32.57. 100 fly, Krahulik, 1:12.46; Carpinelli, 1:12.64; Heidi Michelsen, Unat., 1:15.79. 200 IM, Krahulik, 2:36.42; Carpinelli, 2:37.11; Beyer, 2:43.12.

13-14—50 free, Michele Duer, BB, 27.88; Joann Buccellato, BAC, 28.85; Sabrina Stefanski, SAC, 28.87. 100 free, Duer, 1:02.08; Juliane Brossman, PRW, 1:03.44; Amy Savad, PAA, 1:03.58. 200 free, Mary Pat Gaffney, PRW, 2:10.20; Jackie Vitulli, 2:13.62; Megan Apy, CJAC, 2:13.99. 400 free, Vitulli, 4:36.66; Apy, 4:44.70; Erin Dittmar, BAC, 4:52.34. 100 back, Jennifer Henricks, GAC, 1:10.75; Brossman, 1:12.48; Buccellato, 1:12.90. 200 back, Brossman, 2:31.76; Kristin Pascale, CJAC, 2:35.31; Henricks, 2:35.55. 100 breast, Janine Spoto, PCY, 1:23.55; Vitulli, 1:23.74; Brossman, 1:23.78. 200 breast, Vitulli, 2:55.76; Brossman, 2:55.98; Loren Powley, PAA, 3:06.17. 100 fly, Buccellato, 1:09.28; Apy, 1:09.54; Vitulli, 1:09.95. 200 fly, Apy, 2:26.71; Jenny Meyer, BAC, 2:32.34; Vitulli, 2:32.93. 200 IM, Brossman, 2:29.48; Vitulli, 2:32.75; Pascale, 2:37.77. 400 IM, Brossman, 5:19.84; Vitulli, 5:20.08; Teinnie Sueta, CJAC, 5:31.44.

15-18—50 free, Diane Makarewicz, PAA, 27.51; Jan Kemmerling, BB, 28.21; Sharon Doyle, GAC, 28.22. 100 free, Makarewicz, 1:00.52; Missy Burt, SAC, 1:01.34; Doyle, 1:01.40. 200 free, Kemmerling, 2:09.89; Joan Franz, PAA, 2:09.99; Burt, 2:12.31. 400 free, Kemmerling, 4:37.34; Cindy Cerami, PRW, 4:43.06; Franz, 4:44.41. 100 back, Colleen Phillips, CJAC, 1:09.66; Monique Fischer, BB, 1:10.95; Cris Aloia, SAC, 1:11.81. 200 back, Fischer, 2:32.62; Aloia, 2:34.18; Robin Fischer, BB, 2:35.32. 100 breast, Abby Schutz, BAC, 1:21.36; Kemmerling, 1:24.81; Wendy Atkinson, PRW, 1:24.85. 200 breast, Schutz, 3:00.01; Anne Paul, BAC, 3:04.65; Sharon Sonntag, PAC, 3:05.53. 100 fly, Makarewicz, 1:06.73; Phillips, 1:07.03; Burt, 1:07.10. 200 fly, Karen Keller, CJAC, 2:28.86; Phillips, 2:31.21; M. Fischer, 2:31.49. 200 IM, Kemmerling, 2:29.77; Makarewicz, 2:31.56; Burt, 2:34.75. 400 IM, Kemmerling, 5:21.67; Sarah Wilson, CJAC, 5:27.97; Mary Egan, PRW, 5:28.58.

BOYS

10 and under—50 free, John Bennett, BAC, 32.00; Sumner Anderson, BAC, 32.04; Chris Ferko, BAC, 32.89. 100 free, Anderson, 1:09.89; Bennett, 1:11.67; Ferko, 1:12.84. 200 free, Bennett, 2:32.35; Anderson, 2:34.90; Ferko, 2:36.09. 50 back, Bennett, 37.33; Ferko, 39.17; Anderson, 39.67. 100 back, Bennett, 1:19.58; Ferko, 1:23.07; Anderson, 1:25.91. 50 breast, Anderson,

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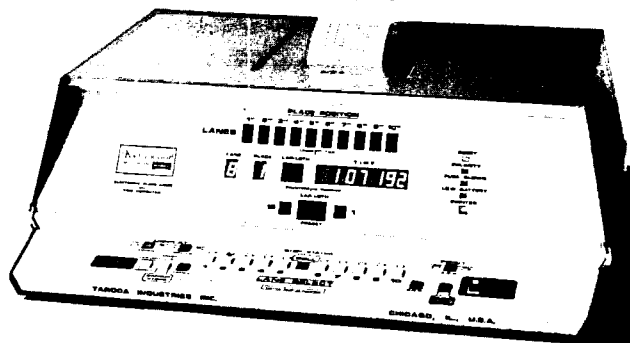
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Age Group

continued

41.43; Danny Gillies, WEY, 43.71; Ferko, 44.73. 100 breast, Anderson, 1:31.55; Gillies, 1:34.22; Bennett, 1:39.99. 50 fly, Bennett, 35.30; Anderson, 35.91; Danny Bauman, CBY, 37.98. 100 fly, Bennett, 1:16.75; Anderson, 1:26.32; Scott Newhall, BB, 1:27.06. 200 IM, Bennett, 2:50.66; Anderson, 2:53.75; Gillies, 3:06.13.

11-12—50 free, Kevin Hopkins, LHY, 29.86; Glen Bover, BB, 29.89; Rick Toothill, BAC, 30.77. 100 free, Hopkins, 1:06.79; Bover, 1:07.04; Grant Crawford, Unat., 1:07.17. 200 free, Bover, 2:24.48; Rob Callahan, FSPY, 2:25.30; Robbie McElwain, BAC, 2:25.86. 50 back, Eric Anton, PRW, 34.32; Bover, 34.76; Hopkins, 35.48. 100 back, Bover, 1:17.64; Doug Host, FY, 1:19.45; Hopkins, 1:20.19. 50 breast, Dave O'Hearn, BAC, 36.94;

Steven Carano, BB, 38.72; Bover, 39.24. 100 breast, O'Hearn, 1:21.80; McElwain, 1:27.14; Bover, 1:27.48. 50 fly, Craig Bernardini, SY, 32.51; Bover, 33.00; Toothill, 33.23. 100 fly, Bover, 1:13.92; Toothill, 1:16.99; Hopkins, 1:17.69. 200 IM, Bover, 2:40.74; O'Hearn, 2:47.15; Carano, 2:47.38.

13-14—50 free, John Gatti, BAC, 26.31; Josh Kay, BAC, 26.32; Larry Bloch, RBAY, 26.53. 100 free, Gatti, 57.39; Chris DiNovi, BB, 59.10; Kay, 59.21. 200 free, Gatti, 2:04.03; DiNovi, 2:08.02; Kyle Marchese, BAC, 2:08.11. 400 free, Gatti, 4:21.80; DiNovi, 4:32.59; Kay, 4:34.42. 100 back, DiNovi, 1:07.96; Jim Harvey, PRW, 1:08.41; Al Anderson, BAC, 1:10.26. 200 back, DiNovi, 2:25.09; Harvey, 2:29.31; Mark DeSimone, BB, 2:33.51. 100 breast, Tom Chiarolanzio, BAC, 1:15.83; Chris Block, FSPY, 1:16.03; DiNovi, 1:16.10. 200 breast, DiNovi, 2:45.38; Bryan McGraw, BAC, 2:45.67; Block, 2:46.94. 100 fly, Gatti, 1:03.98; Marchese, 1:04.95; DiNovi, 1:05.28. 200 fly, Marchese, 2:19.41; Gatti, 2:19.49; DiNovi, 2:21.03. 200 IM, Gatti, 2:22.03; DiNovi,

2:22.36; Harvey, 2:29.45. 400 IM, Gatti, 5:02.68; DiNovi, 5:04.70; Harvey, 5:11.62.

15-18—50 free, Chris Jacobs, GAC, 24.50; Chris Flood, FSPY, 25.10; Dave Strawhorn, PRW, 25.16. 100 free, Mike Goerke, FSPY, 54.61; Strawhorn, 54.95; Jack Quinn, FSPY, 55.38. 200 free, Goerke, 1:59.57; Strawhorn, 1:59.70; Chris Cordes, BB, 2:02.74. 400 free, Goerke, 4:15.54; Strawhorn, 4:16.19; Donald Fraser, FSPY, 4:22.74. 100 back, Jon Buschke, GAC, 1:03.87; John Miller, BAC, 1:04.69; Ron Karnaugh, GAC, 1:05.15. 200 back, Buschke, 2:16.61; Karnaugh, 2:20.50; Miller, 2:20.95. 100 breast, Herb McCaffrey, BAC, 1:11.37; Goerke, 1:12.10; John Healy, CJAC, 1:12.55. 200 breast, McCaffrey, 2:35.26; Healy, 2:36.73; Don Skeoch, PAA, 2:43.65. 100 fly, Steve Segreto, BB, 1:00.65; Goerke, 1:00.75; Strawhorn, 1:00.97. 200 fly, Fraser, 2:14.45; Segreto, 2:14.98; Skeoch, 2:19.76. 200 IM, Strawhorn, 2:16.38; Mike Halfacre, CJAC, 2:21.06; Skeoch, 2:22.75. 400 IM, Steve Harris, BAC, 4:57.29; Skeoch, 5:00.52; Karnaugh, 5:07.53. □

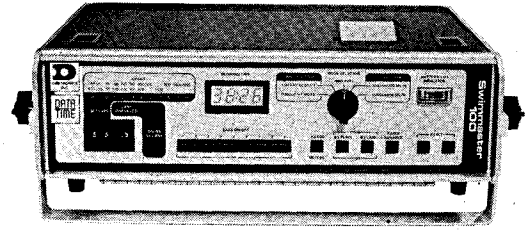
Age Group Photo Album



The 11-12 girls from the Schroeder Swim Team, Wis., (above) set four Wisconsin state records and two Region 7 marks at the Long Course Age Group Championships last August. They are (bottom, left to right) Shari Countryman and Rallee Whowell; (top) Kelly McCormick, Jenny Groiss and Tara Ehret. Four swimmers from the North Jeffco Swim Club of Arvada, Colo. (upper right) converged on the Lincoln Great Plains Championships and emerged with a new Colorado state record in the girls' 10 and under 200 yard free relay. They are (left to right) Juliet Yenglin, Amy Quaratino, Keely Yenglin and Danielle Edmonds. Their head age group coach is Steve Drozda (rear). Juliet Yenglin also eclipsed three individual Colorado state marks. The North Shore Team (Milwaukee, Wis.) of Doug Lillydahl, Eric Bacon, Robert Kloehn and Peter Wishau (lower right) set a new Junior Olympic record in the 200 meter free relay last July. They also set a Wisconsin JO mark in the 800 meter free relay and placed second in the 400 meter relay. These four, plus teammate Steve Schmidt, won 31 medals in relays and individual events at the Wilson Park meet in Milwaukee.

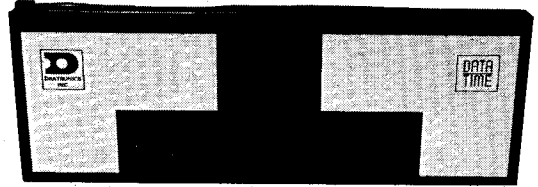


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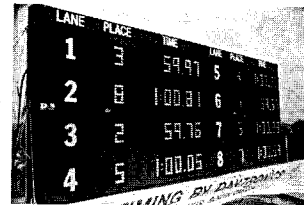
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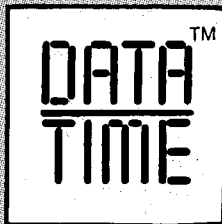
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"A" AGE GROUP &
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- Custom Medals 1st to 3rd place individual events and 1st place relays
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- Entry deadline Dec. 21, 1981

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(312) 864-8753

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10 year old and under Only

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Kankakee, Illinois

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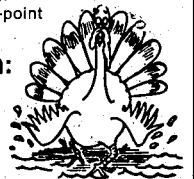
Age Group A Meet
Nov. 27, 28, 29, 1981

At the New
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Natatorium
Bowling Green, Ohio

- USS Sanctioned
- 10 lane, 25 yard pool
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- Timed Finals
- Medals 1st through 8th
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- Team Trophies

For Information:

Dick Camp
4602 Wakefield Rd.
Toledo, Ohio 43623
(419) 882-4681



**Worthington Swim Club
Worthington, Ohio
Kelly German
Memorial Invitational**

Ohio A-AA Times
January 29, 30, 31, 1982

- Prelims and finals
- Medals 1-3
- Ribbons 4-6
- High point and team trophies

7th Annual Mini Meet

8-7 and 6 year old events
March 27, 28, 1982

- Trophies 1-6
- High point and team trophies

For both meets

- Colorado Timing System
- Horn start
- 25 yard, 6 lane pool

CONTACT: Ed or Pat Miller
1911 Samada Ave
Worthington, Ohio 43085
(614) 436-3236



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(717) 898-6343

"C" Meet-February 28, 1982

Gotham Aquatic
Association's
4th Annual

**WINTER WONDERLAND
SWIM MEET**

January 15, 16, 17, 1982

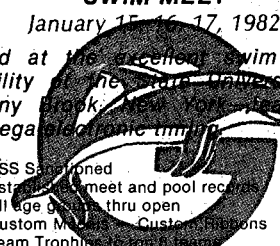
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- ✓ Individual high point trophy in all age groups

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For Information—Cliff Ruby
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Calendar of Events

NOVEMBER

- 14 Hubbard, Ohio; 5th Annual Hubbard Parents B Meet
 14-15 Napa, CA; Pacific Assn. AA + meet, sc
 14-15 Piedmont, CA; B meet, sc
 14-15 San Jose, CA; AB meet, sc
 14-15 Turlock, CA; JR developmental meet, sc
 14-15 Haverhill, Mass.; Haverhill Y AB meet
 14-15 Bowie, Md.; AG Relay Carnival, sc
 14-15 Sterling Heights, Mich.; Sea Devils Mini-meet
 14-15 Canton, Ohio; Canton City Schools Booster Club A Meet
 14-15 Brown Deer, Wis.; Schroeder Open A Meet
 15 Danville, Ill.; Pepsi Freestyle Meet
 20-22 Miami, Fla.; Sheeler-Winton Swim Club 10th Annual Thanksgiving Invit., sc
 20-22 Bayonne, NJ; First Annual Garden State Cup C AG and Junior Open Events
 20-22 Cincinnati, Ohio; Pepsi Marlins A and under Meet
 20-22 Brantford, Ont. Canada; Swim International Brantford
 20-22 Chula Vista, Calif.; Thanksgiving sc A Turkey Meet
 21 Grafton, Wis.; Grafton ABC Invit.
 21-22 Tucson, Ariz.; Old Pueblo AG ABC and SR meet
 21-22 Mission Viejo, Calif.; Turkey Classic Swim Meet
 21-22 Sheeler-Winton, Fla.; Thanksgiving Meet 8-15 and over
 21-22 Augusta, Ga.; Augusta AB Invit., sc
 21-22 South Bend, Ind.; Developmental Meet
 21-22 Cleveland, Ohio; Cleveland State University Fall A Meet Classic
 21-22 Lake Oswego, Ore.; Piranha SR/AG A Invit.
 21-22 Mt. Lebanon, Pa.; AB Thanksgiving Meet
 21-22 Charleston, W. Va.; 8th Annual Thanksgiving B Invitational
 21-22 Fairfax, Va.; Bowie, Md.; Acorn AG Meet
 21-22 Kenosha, Wisc.; Kenosha Barracuda Swim Team Annual Gobbler
 27-29 Arvada, Colo.; North Jeffco Thanksgiving Meet
 27-29 Barrington, Ill.; Mustang Holiday Classic B Meet
 27-29 Chicago, Ill.; 2nd Annual Mountain Dew Modified A
 27-29 Hampshire, Mass.; Regional Y A Meet
 27-29 Las Vegas, Nev.; Eighth Annual Thanksgiving Swim Meet
 27-29 Pepper Pike, Ohio; Lake Erie Silver Dolphins Inv. A Meet
 27-29 Bowling Green, Ohio; Annual Greater Toledo Turkey Day Invitational
 27-29 Chattanooga, Tenn.; Chattanooga Gold Medal Invit., AB AG/SR
 27-29 Madison, Wis.; Badger Dolphins Open ABC Meet
 28-29 Ignacio, CA; A + B meet, sc
 28-29 San Jose, CA; A + meet, sc
 28-29 Oregon City, Ore.; Oregon City Invit. Relay meet
 28-29 Dayton, Ohio; 10th Northwest Y Invitational Relays

DECEMBER

- 4-6 Forest Grove, Ore.; Forest Grove SR AG A B Invit.
 4-6 White Plains, N.Y.; Westchester Swim Classic
 4-6 Portland, Ore.; Lewis & Clark SR A B Invit.
 5-6 Mesa, Ariz.; Mesa Aquatics AG ABC and SR Meet
 5-6 Barstow, Calif.; ABC meet, sc
 5-6 Daly City, Calif.; B Meet, sc
 5-6 San Jose, Calif.; A B meet, sc
 5-6 Fort Wayne, Ind.; Southeast Family Y Candy Cane Invit.; AG & SR, sc
 5-6 East Lansing, Mich.; Golden Serpent Swim Club B Meet
 5-6 Kalamazoo, Mich.; Fifth Annual Y-KAT Invit.
 5-6 Reno, Nev.; A + Zone 4 Champs, sc
 5-6 Milwaukee, Wis.; ABC Open (10-U through 15-18)
 5-6 Milwaukee, Wis.; M & I B-C Open
 6 Mount Laurel, N.J.; Jersey Wahoos Kick-off "B" Meet
 6 Hempstead, Long Island, N.Y.; Too Hot to Trot B Mini Meet
 6 Silver Spring, Md.; Arlington, Va.; December Distance Meet
 6 Warren, Ohio; Warren Schools Swim Club Snowflake B Meet
 11-13 Mission Viejo, Calif.; SoCal Winter Invitational
 11-13 Towson, Md.; North Baltimore Aquatic Club's Christmas Meet
 11-13 Cincinnati, Ohio; Pepsi Marlins AA and Better
 12 Beaverton, Ore.; Tulatin Hills AG 9-under Pentathlon
 12 Green Bay, Wis.; Allouez Open A Meet
 12-13 Rocklin, Calif.; Pacific Assn JR/SR meet, sc
 12-13 Sacramento Calif.; A B meet, sc
 12-13 Seaside, Calif.; Pacific Assn AA + meet, sc
 12-13 Easthampton, Mass.; Barracuda's 9 and under Mini-meet
 12-13 Framingham, Mass.; Shawmut Aquatic B and Better
 12-13 Bartlesville, Okla.; Phillips BC Meet
 12-13 Athens, W.Va.; Mountain Lion Invit., sc
 13 Danville, Ill.; Pepsi Backstroke Meet
 13 Mount Laurel, N.J.; Jersey Wahoos Christmas "C" Meet
 13 Canton, Ohio; Canton YMCA Blue Streak Invitational
 13 Whitefish Bay, Wis.; North Shore Open A Meet
 18-20 Tempe, Ariz.; Fiesta Bowl XI
 18-20 Gainesville, Fla.; 2nd annual Oxychem AG Invitational
 18-20 Indianapolis, Ind.; Holiday AG Invitational
 18-20 Providence, R.I.; New England Christmas Classic
 19 Charleston, W. Va.; 3rd Annual Winter 8 and under Invitational
 19 Green Bay, Wis.; Green Bay Y Open Meet
 19-20 Tempe, Ariz.; Fiesta Bowl AG BC, A and SR meet
 19-20 Hayward, Calif.; A + B meet, sc
 19-20 Mt. View, Calif.; A + meet, sc
 19-20 Napa, Calif.; A + B meet, sc
 19-20 Sacramento, Calif.; A + B Meet, sc
 19-20 Beloit, Wis.; Beloit Aquatics Open AB Meet
 20 Bayonne, NJ; Mermaids AG B and Open

- 27 Kankakee, Ill.; Ninth Annual Holiday Meet
 27-30 Kailua, Hawaii; 11th Annual Aulea Invit.; Swimming & Diving
 28 Salt Lake City, Utah; Medal Mini Meet, 6-U, 7-8
 29-30 Orlando, Fla.; Blue Dolphins Holiday Classic

JANUARY

- 2 Milwaukee, Wis.; YMCA Invitational
 2-3 Evanston, Ill.; 6th Annual Wildkit Swimming Organization, A AG & SR
 2-3 No. Olmstead, Ohio; 1st Annual Bay Swimming & Diving B Meet
 2-3 Lancaster, Pa.; 4th Annual Holiday AG & Open A-B Meet
 8-10 South Bend, Ind.; Swim Your Own Age Modified A Meet
 8-10 Brockton, Mass.; Brockton Comm. Y AB Combo Meet
 8-10 Bartlesville, Okla.; Phillips A Meet
 8-10 West Chester, Pa.; Eastern Invitational
 8-10 Midway, Wash.; Highline JO and PSNA Champs
 9 Wauwatosa, Wisc.; Tosa Open ABC Meet, sc
 9-10 Lakewood, Ohio; 23rd Annual Jim Scullion A Meet
 9-10 Greendale, Wis.; Greendale SC Open ABC Meet, sc
 10 Bayonne, NJ; Mermaids AG B and Open
 15-17 Cincinnati, Ohio; Pepsi Marlins A and under
 15-17 Sterling Heights, Mich.; Sterling Sea Devils "A" Age Group Meet
 15-17 Stony Brook, N.Y.; 4th Annual Winter Wonderland Swim Meet
 15-17 Austin, Texas; Longhorn Aquatics; All-American Invitational Swimming and Diving meet
 16 Mount Laurel, N.J.; Jersey Wahoos Snowman "C" Meet
 16-17 Framingham, Mass.; Shawmut Aquatic C Meet
 16-17 Camp Springs, Md.; Capital Classic A Meet
 16-17 Elmbrook, Wis.; Elmbrook Open A Meet, sc
 17-24 Fairview Park, Ohio; L.S.S.C. and Fairview Parents sc Jr Olympics
 22-24 Fort Wayne, Ind.; Olympia Athletic Club "A" Invit. Meet
 22-24 Madison, Wis.; Madison Pepsi Open AB Meet, sc
 22-24 Cambridge, Mass.; Bernal's Gators AA Sr Nat'l. Qualifying
 22-24 Geneva, Switzerland; International Championships of Geneva
 23 Attleboro, Mass.; Attleboro B meet
 23-24 Cerritos, Calif.; AB meet 12-under
 23-24 Grafton, Wis.; Grafton SC Open ABC Meet, sc
 23-24 Muskego, Wis.; Muskego Life Sports Open ABC Meet, sc
 29-31 Worthington, Ohio; Kelly German Memorial Invitational
 29-31 Milwaukee, Wis.; Schroeder AA, AG and SR
 30-31 Cerritos, Calif.; AB meet, 13-18
 30-31 Kokomo, Ind.; Marcia G. Kelley Memorial AB
 30-31 Providence, R.I.; New England Barracuda A Meet
 31 Danville, Ill.; Pepsi Butterfly & Breaststroke Meet

FEBRUARY

- 5-7 Midway, Wash.; Highline AG Invit.
 6 Mount Laurel, N.J.; Jersey Wahoos Every Age Meet
 6-7 New Orleans, La.; Great White Sharks Mardi Gras Meet
 6-7 Framingham, Mass.; Shawmut Aquatics BC meet
 6-7 Berea, Ohio; Berea Athletic Boosters Modified A Meet
 7 Cudahy Open ABC Meet, sc
 12-14 Rochester, Minn. Hardee's Presidents Day AA Swim Meet
 12-14 Mount Laurel, N.J.; Jersey Wahoos Valentine "A" AG and Open Meet
 12-14 Cincinnati, Ohio; CPM AA & Better, SR and all age groups
 13 Bridgman, Mich.; Fifth Annual Lakeshore Rotary Invit.
 13 Hubbard, Ohio; 6th Annual Hubbard Swim Club B Meet
 13 Waterloo, Wis.; Waterloo SC Invit. ABC Meet, sc
 13-14 East Lansing, Mich.; Golden Serpent Swim Club A "Big Mac" meet
 14 Mequon, Wis.; Homestead Invit. ABC Meet, sc
 14 New Berlin, Wis.; New Berlin SC Open ABC Meet, sc
 14 Racine, Wis.; Racine Open ABC Meet, sc
 20-21 Waukesha, Wis.; Express at Waukesha Open A Meet, sc
 21 Middleburg Hts. Ohio; LRSC Lake Erie Junior Olympics
 25-27 Milwaukee, Wis.; Women's Big 10 Swimming and Diving Championships
 26-28 Charleston, W.V.; 21st Annual Springtime Invitational
 27 Midway, Wash.; Highline A/JAA Development Meet
 27-28 Green Bay, Wis.; Allouez Open ABC Meet at Green Bay YMCA, sc
 27-28 Cedarburg, Wis.; Cedarburg SC Open Meet, sc
 27-28 Greenfield, Wis.; Greenfield SC Open ABC meet, sc
 28 Lancaster, Pa.; C Meet

MASTERS

- DECEMBER
 12 Arlington, Va.; DC Masters 1650 Meet
 FEBRUARY
 27-28 Baltimore, Md.; Region II Champs, sc

CLINICS

- NOVEMBER
 21-22 Atlanta, Ga.; 5th Annual Southern States Swim Clinic
 26-28 Puerto Vallarta; II International Swim Clinic
 DECEMBER
 28-2 Wingate Institute, Israel; 1st ICHPER Europe Congress

SYNCHRONIZED SWIMMING

- NOVEMBER
 12-14 Beigum; Eight Nations Synchro
 20-22 Colorado Springs, Colo.; U.S. National Team Trials

Vox Pop

Nix on Mixed Heats

Dear Editor:

At the recently completed U.S. Swimming Championships held in Wisconsin, the meet officials elected

to combine the first heat in the 1500 meter freestyle, whereupon three women and three men swam simultaneously. This was done apparently to conserve time, although less than 20 minutes were saved.

This decision on the part of the officials indicates a real lack of concern for the swimmers involved and indicates that rules governing combined heats and published time lines for heats need to be clarified.

Combining a heat in the manner

done is "Bush League," certainly not befitting a meet offering the highest level of competition in swimming available in the United States.

A number of coaches complained about this action on the deck, but to no avail. The mixed-sex heat penalized both the women and the men by not providing the most competitive environment possible for either sex, an aim one would have thought to have been consistent with objectives of this meet. Further, the manner in which this incident took place was a total psych-out to at least two of the swimmers involved, who lost that crucial pre-heat period of the distance event where mental focus is so very important.

It is very unfortunate that the officials took the action they took to save a mere 20 minutes. Mixed heats do not belong at the Nationals. A well-publicized time line should be strictly adhered to and swimmers given every courtesy of knowing well in advance of any changes to the line.

The burden should clearly be on the shoulders of the officials, not the swimmers, to keep coaches and competitors informed well ahead as to the real schedule. Officials should be reminded, if necessary, that these meets are for the competitors, and every consideration should be given to the swimmers' needs.

CHARLES A. SCHMIDT
San Jose, Calif.

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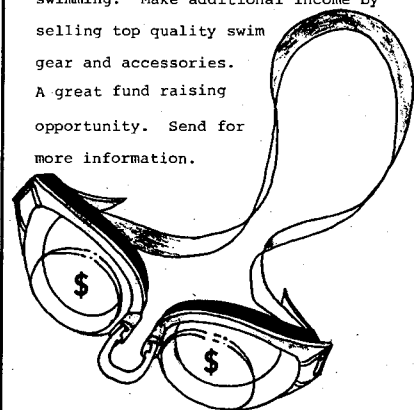
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Don't Forget St. Xavier

Dear Sir:

I enjoyed reading your article about the Mythical High School Championships (August 1981) until I reached the section entitled "Mission Is No. 1 for 5 Straight Years," on page 17 in which you state, "Santa Clara . . . won SW's mythical national crown from 1971 through 1974 . . ." This is incorrect because according to *Swimming World* (Vol. 14, No. 6, June 1973, page 15), the 1973 mythical national champion was St. Xavier High School, Cincinnati, Ohio. Santa Clara, Calif., was second.

As a graduate of and a former swimmer for St. Xavier, I was disappointed that you made this error at the expense of my school.

St. Xavier has, in addition to its national title in swimming, 12 consecutive state titles in swimming (1970 through 1981) and one of the best academic programs of any high school anywhere. It is not that easily forgettable.

Next time, I suggest you do more careful research.

LEO M. BLADE
Cincinnati, Ohio
St. Xavier '75

Editor's Note: We're both right! According to that same June issue of Swimming World back in 1973, two mythical high school champions were chosen. St. Xavier was picked No. 1 based on an overall national championship. Santa Clara, however, was picked No. 1 based on a dual meet format with St. Xavier. Going head-to-head, Santa Clara would have beaten St. Xavier, 48-37. The championship meet format was not officially accepted until 1974. Since the dual meet format was still in force in 1973, Swimming World awarded the mythical national championship that year to Santa Clara. That's the way it's listed in the official book of swimming records, American Swimmer (2nd edition, page 25).

Keep Team Scores at U.S. Nationals; Foreigners Go Home

Dear Editor:

This letter has a twofold purpose. First, I would like to respond to the issue raised in "Viewpoint" in *Swimming World* (August 1981). I feel

that it is inappropriate to do away with keeping team scores at the U.S. Swimming Championships for the following reasons:

I feel that it is a tribute to the success of any swim program when that program produces excellence to the degree necessary to win the meet. It also raises a challenge to all other teams to improve their programs in order to compete successfully.

It is wrong to try to bring others down to a mediocre level when what we are all seeking is excellence.

Even if the swimmers on a successful team did not feel that team points were important, it might be very important to the team sponsor. To take away team points might mean the loss of sponsorship to the successful team and then, in effect, we would be hurting swimming as a sport by causing teams to lose their sponsorship.

Even as things stand, the more sophisticated athletes and spectators do not attach great importance to team points as they realize that almost every effort is an individual effort and, therefore, no harm is done by accumulating team points

and announcing a national championship team.

However, there is another issue that I believe also deserves serious consideration, namely participation in the U.S. Swimming Championships by foreign nationals.

I believe that the U.S. Swimming Championships should be limited to U.S. citizens who are capable of representing the United States in international competition (i.e., the same requirements as those for receiving aid to U.S. swimmers).

As it stands now, there is no such thing as a U.S. National Championship. When the eight finalists in individual events at the recent U.S. Indoor Swimming Championships at Milwaukee, Wis., included foreign nationals from Australia, Spain, France and Japan, they in effect bumped U.S. swimmers out of a chance to place as a U.S. national champion.

I have heard the argument that they are allowed to swim because it raises the level of competition in the meet. Because they are relatively few in numbers at this time does not mean that there could not be a day

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Vox Pop

continued

when foreign nationals might take all eight top places in what is supposed to be the U.S. National Swimming Championship.

I believe that this is wrong and should be corrected. I do not believe that foreign nationals should be allowed to compete in what truly ought to be the U.S. National Swimming Championship.

To propose this is not to deny the foreign nationals the opportunity to compete at the senior national level because they do have the right, and I believe correctly so, to compete in NCAA competition or AIAW competition provided they are attending a U.S. college or university.

Further, it should be pointed out that the current system recently lent itself to a great inequity when many of these foreign nationals who are registered as U.S. swimmers and who compete in U.S. Championships also represented their own country at the 1980 Moscow Olympic Games when that opportunity was denied to U.S. swimmers.

Much more can be said on the above subjects with sound reasons to back up this point of view. I believe that what has been said is sufficient reason to maintain team

points and to raise serious discussion concerning the participation of foreign nationals in the U.S. Swimming Championships.

WILLIAM A. SIMS, M.D.
MARILYN P. SIMS
Joliet, Ill.

Great Flyer Down Under

Dear Statistical Editor:

You said on page 92 of the September issue that "the greatest 200 flyers of the last three decades have all been Americans."

I suggest that Kevin Berry of Australia was certainly one of the greatest, if not the greatest, 200 flyer in that his 200 time for the gold medal for Australia in 1964 was faster than Carl Robie's winning time in 1968.

I suggest that perhaps only Spitz was a greater flyer of the period and, then, only for the 100.

NEVILLE HAYES
Newport Beach, Calif.

East Feels Neglected

Dear Swimming World:

We in the East feel slightly neglected with your reporting of events, competitions, etc. It seems

you concentrate heavily on the West Coast teams, almost entirely omitting the great school teams here in New York especially.

As an example, our daughter swims for the CYO of Queens at the St. Sebastian Center in Woodside. The team, The Dolphinettes, has won the last 13 Brooklyn/Queens Championships in the bantam, junior and senior divisions.

The team has had the same marvelous coach for the last 15 years, Mrs. Helen Coyne. She and her assistants have been very dedicated for all these years.

Besides working full time and raising a family, she always has time for her "girls," and the team respects and loves her.

She works them very hard, and the whole team proves that hard work wins in the end. All the parents of the swimmers realize how much she has done in building our children—both physically and mentally.

Perhaps this short letter will remind you of not only *our team*, but the East Coast.

DENISE and EDWARD BARBER
Woodside, N.Y.

Here's Delaware

Gentlemen:

Our children are heavily involved in competitive swimming and we are regular subscribers to *Swimming World*. Your recent issue (Vol. 22, No. 7/July 1981), however, in which results of the state high school championship meets were listed, does not include the Delaware girls.

If this was due to the fact that this information was not provided to you by oversight, it is as follows:

50 Free	Judy Jester, Wm. Penn, 25.14*
100 Free	Kathy Lynch, Brandywine, 53.74*
200 Free	Carolyn Anderson, Newark, 1:55.48
500 Free	Carolyn Anderson, Newark, 5:03.00
100 Back	Alicia Allen, Mt. Pleasant, 1:01.82*
100 Breast	Debbie D'Andrea, St. Mark's, 1:09.77
100 Fly	Alicia Allen, Mt. Pleasant, 59.44
200 IM	Debbie D'Andrea, St. Mark's, 2:12.27
1M Diving	Heather Sargeant, Newark, 364.15
200 MR	Newark, 1:57.60
400 FR	Concord, 3:45.64

* State Record

It would be very much appreciated if this information is published in a forthcoming issue.

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OF THE ABOVE SWIMMERS
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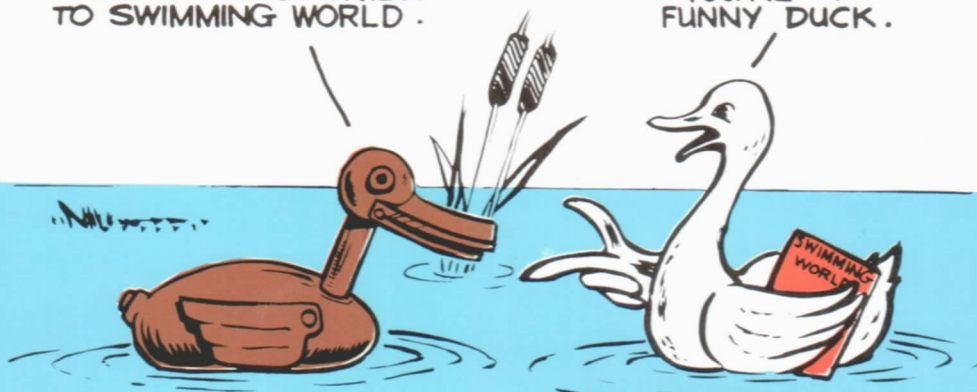
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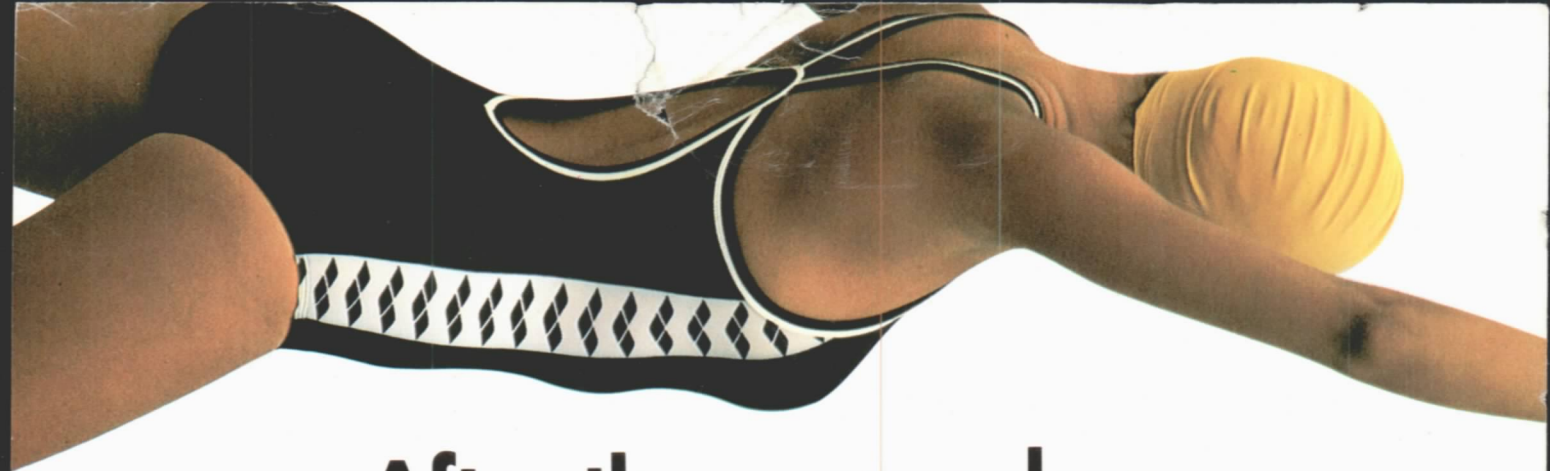
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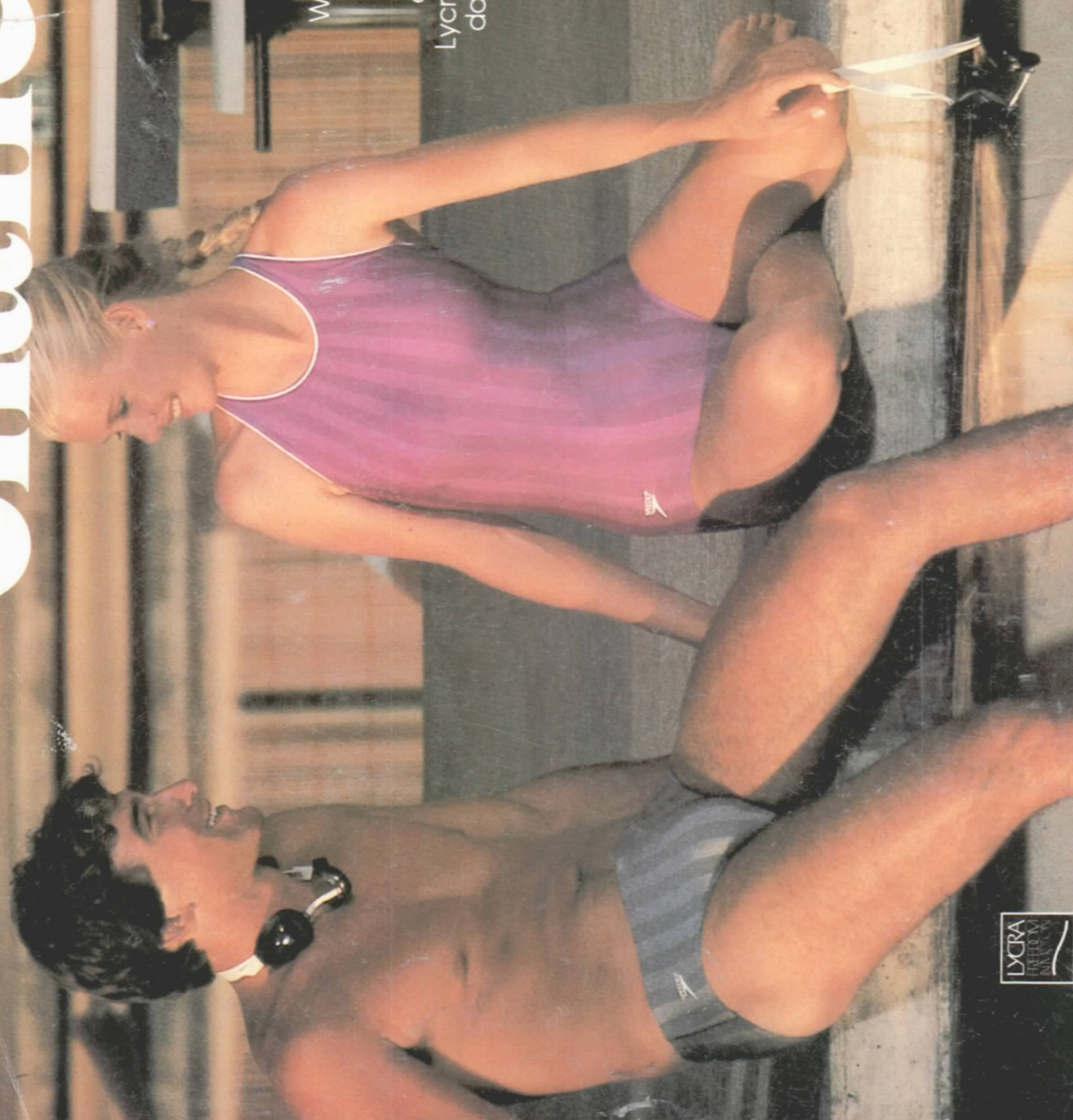
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