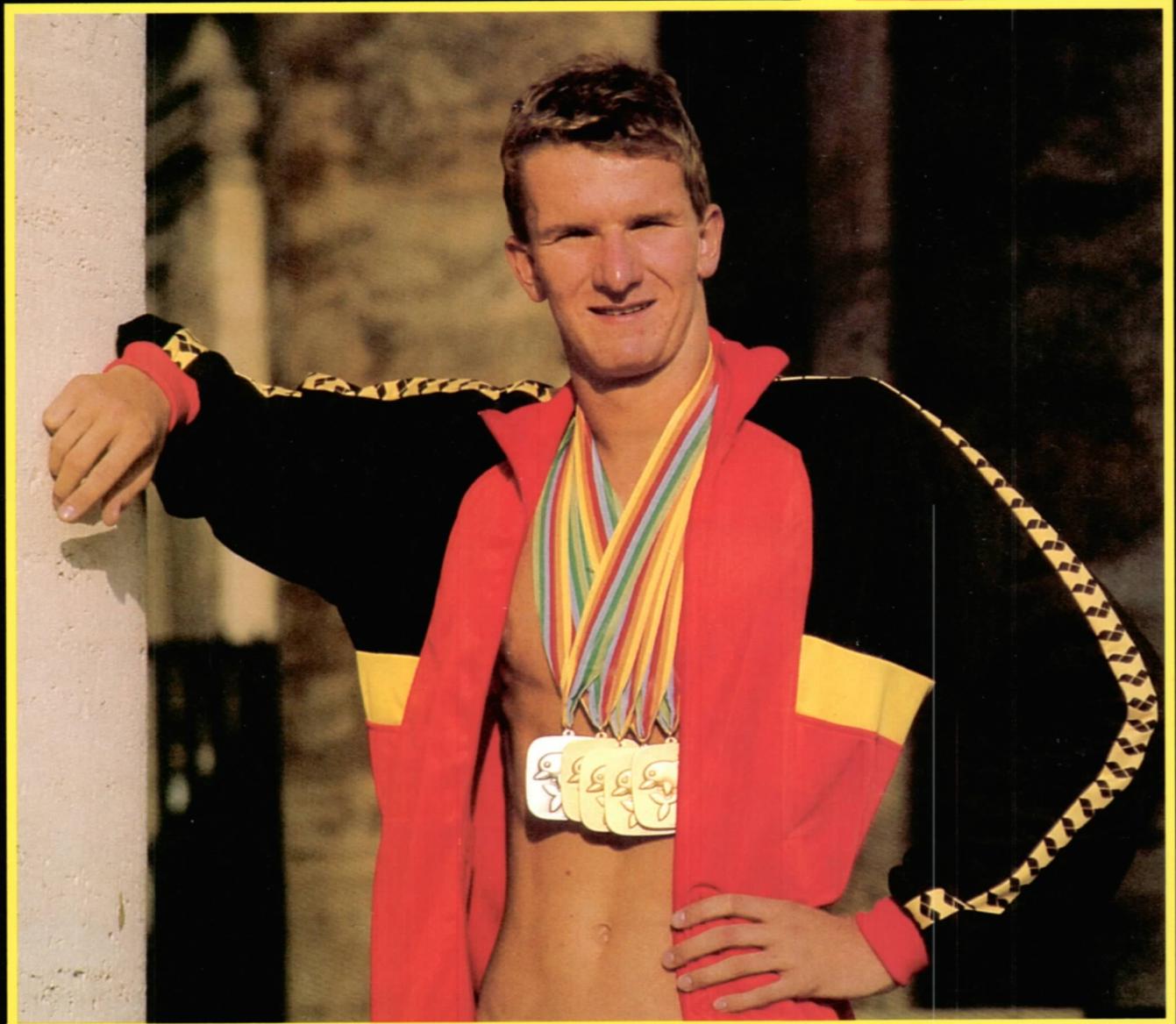


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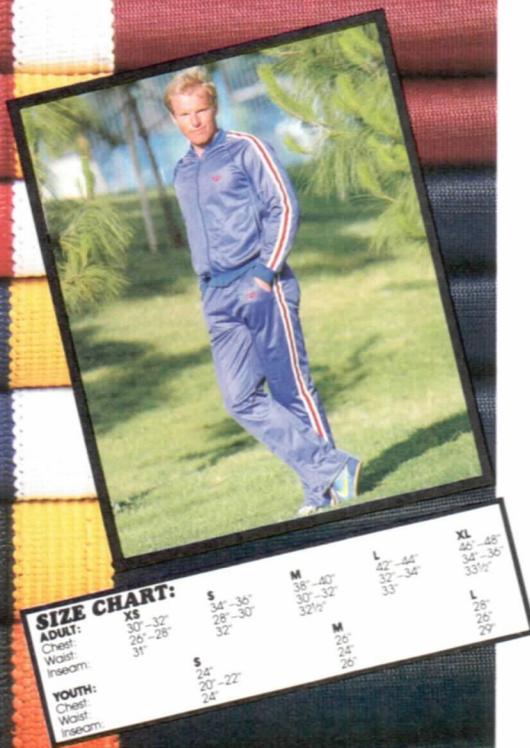
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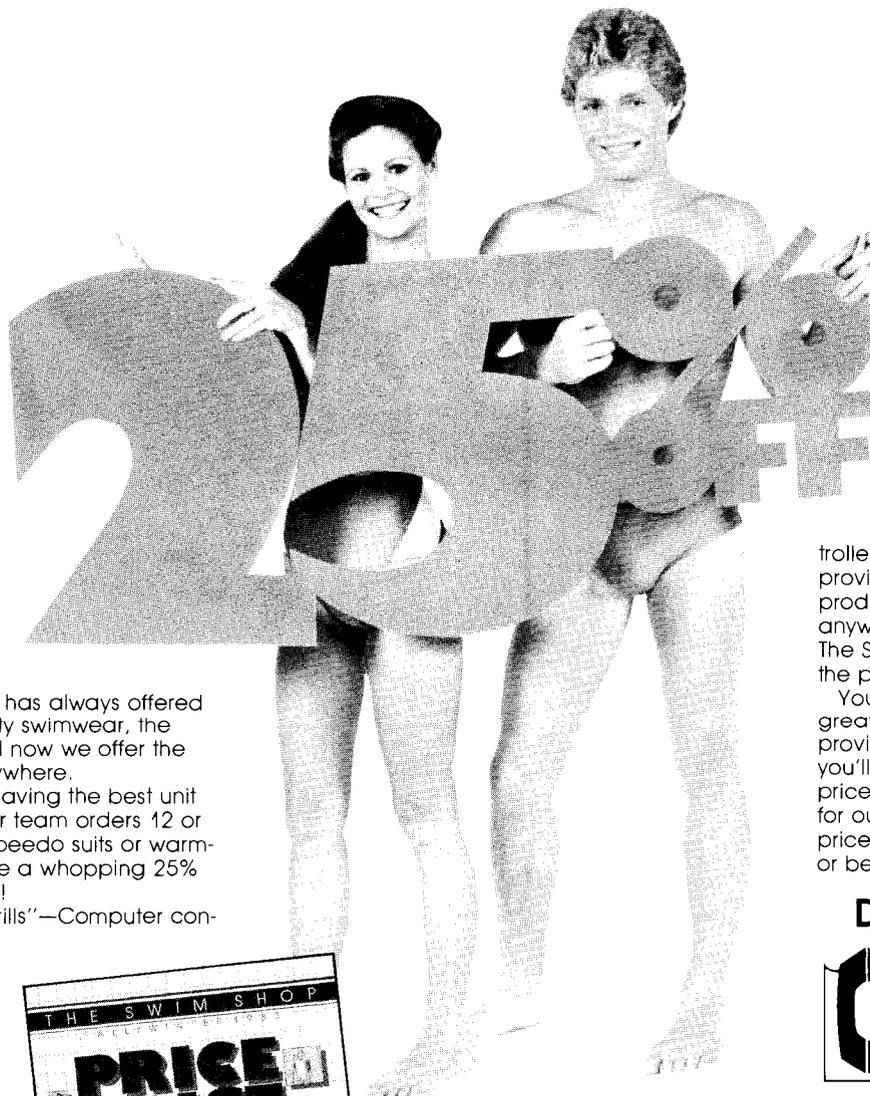
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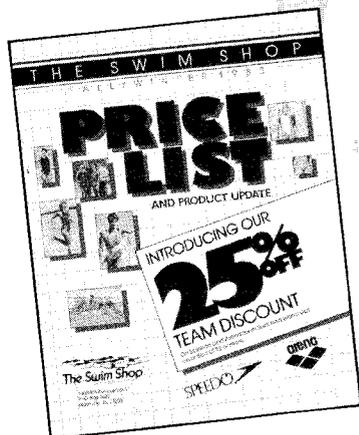
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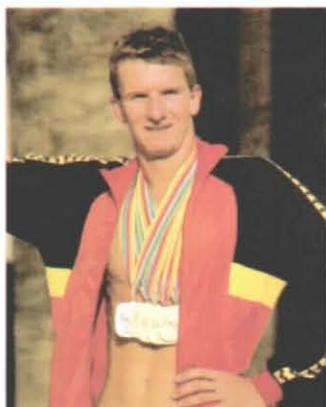
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COVER

West Germany's Michael Gross, 19, emerged as the star of 1983's European Championships and the potential gold medal force of next year's Olympics. Rather than a star, Gross was more like a constellation, having a hand in three world records while winning four golds and one silver. For more details, please see story, page 13.

(Photo by Ladislav Perenyi)

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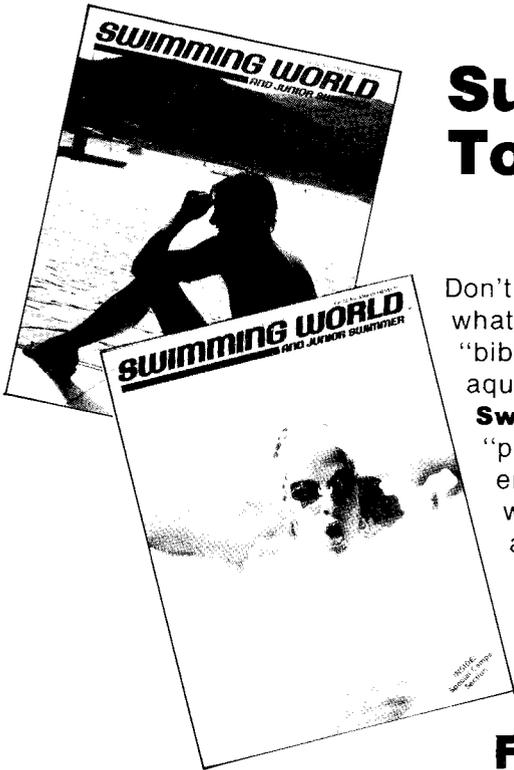
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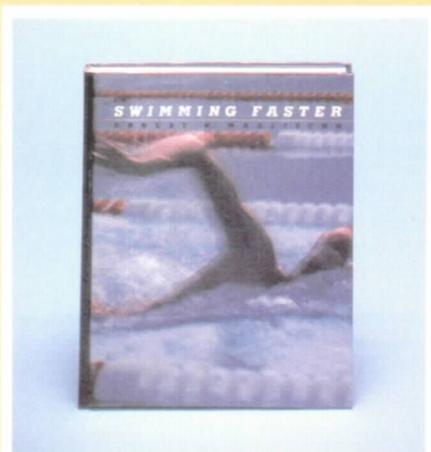
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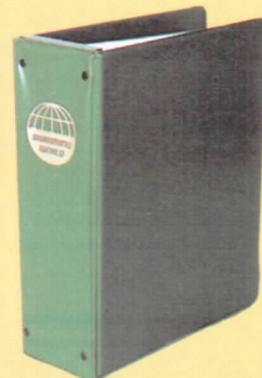
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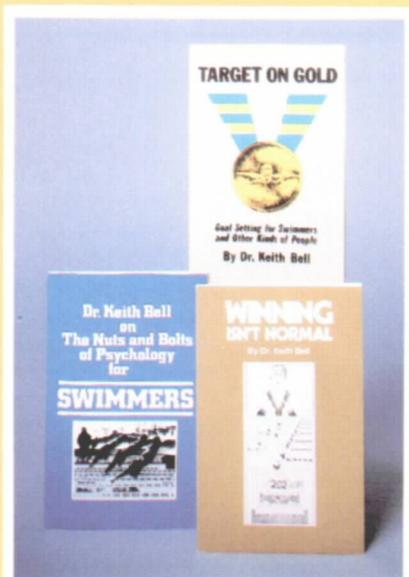
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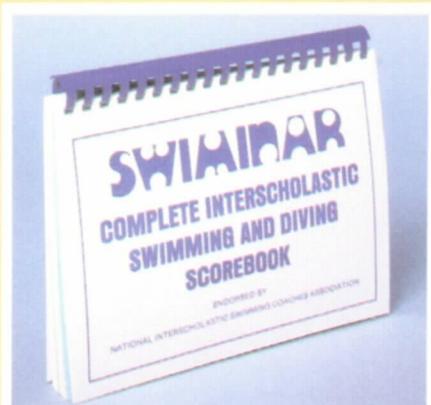
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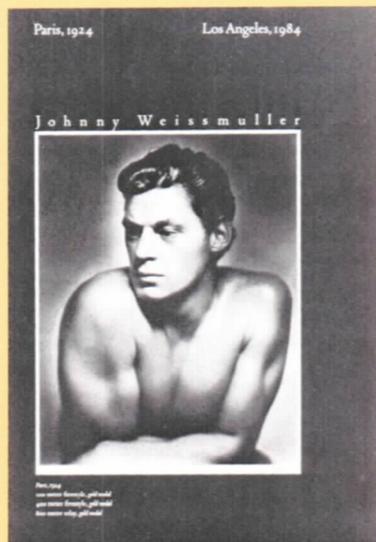
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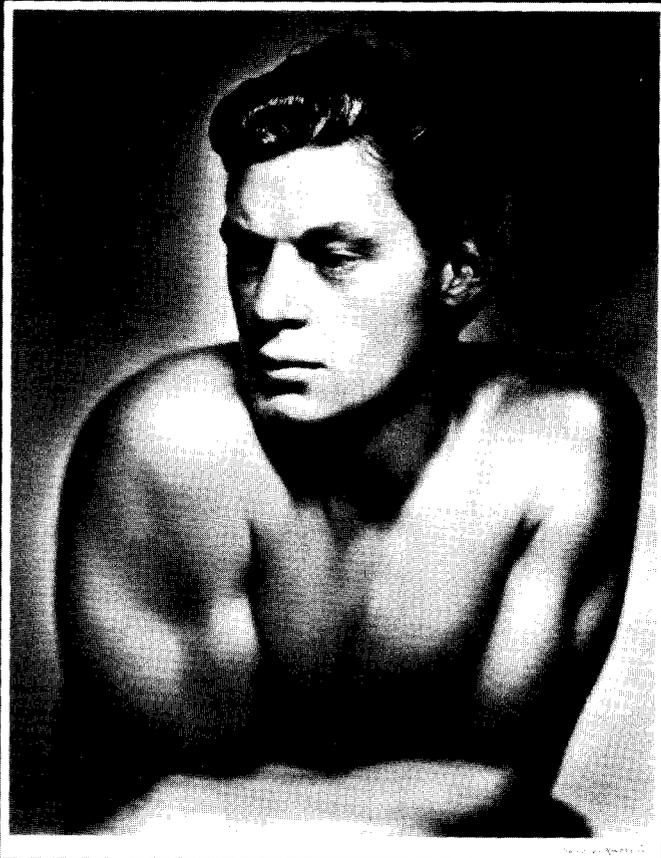
JOHNNY WEISSMULLER

Commemorative Poster

Paris, 1924

Los Angeles, 1984

J o h n n y W e i s s m u l l e r



Paris, 1924
100 metre freestyle, gold medal
400 metre freestyle, gold medal
800 metre relay, gold medal

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Viewpoint

Editor's Note: The following "Viewpoint" is authored by Congressman Jack Fields of the 8th District in Texas. Response to the editorial may be directed to Dan Rostenkowski, Chairman, House Ways and Means Committee, 1102 Longworth House Office Building (HOB), Washington, D.C. 20515.

● On July 28, 1984, athletes from around the world will arrive in Los Angeles to participate in the 23rd quadrennial Olympics. The United States will host these Summer Games for the first time in 52 years.

American athletes will come to these Games with one hand tied behind their backs. While America's Olympians will be handicapped by a lack of sufficient training funds, millions of amateur athletes across the country are denied the opportunity to achieve their full potential because of this lack of funds. Why? Because unlike competitors from 150 foreign nations, our amateur athletes receive no government support. They must rely entirely on the generosity of the American people.

While thousands of Americans have enthusiastically donated to the U.S. Olympic Committee, regrettably their contributions have not kept pace with the rapidly escalating cost of training. For example, the cost of training a competitive swimmer may total \$3,000 a year, an individual gymnast, almost \$10,000 a year, and a world class figure skater as much as \$20,000 a year. Because of these ever-increasing costs, many potential Olympians are given three difficult options: to undergo and make due with inferior, but affordable, training; to spend their own and their friends' and families' money for their training; or to quit sports entirely and watch the Olympics on television from their homes.

None of these choices is acceptable.

In addition to these extraordinarily high training costs, many American athletes are handicapped by inferior, or at best, inadequate, training facilities. For instance, in the United States we have only two speed skating rinks and only one ice hockey rink that meets international standards. We have few cycling velodromes and only one bobsled and luge course that comply with international regulations. Regrettably, we have also witnessed the elimination of dozens of

athletic programs by high schools throughout this nation which no longer have the financial resources to fund them.

While as a nation we have learned to expect excellence from our Olympic athletes, the realities are that training, travel and other expenses have risen so dramatically that many prospective Olympians can't meet those costs, thus denying the United States their athletic talents.

Quite simply, our Olympic movement has reached a crossroads. We are, in the words of Olympic great Edwin Moses, faced with three choices: "First, we can quit international sports, saying we can't compete effectively against the socialist system; second, we can continue to contest these countries in the haphazard way of the past; or third, we can respond to the challenge."

America's heritage dictates we respond to the challenge. For this reason, I introduced a bill in the House of Representatives, H.R. 1984, entitled, "The United States Olympic Checkoff Act of 1983."

This important legislation will give all Americans an opportunity to voluntarily donate \$1 to the United States Olympic Committee by checking a box on their yearly 1040 tax form. The checkoff system would work this way: if an individual were entitled to a refund, he could reduce that refund by designating \$1 (\$2 on a joint return) to the U.S. Olympic Committee. If a taxpayer owed money to the government, he could contribute \$1 or more to the U.S. Olympic Committee by adding a contribution to taxes due.

While this checkoff system would be similar in appearance and operation to the existing presidential checkoff system, the key difference is that all contributions to the U.S. Olympic Committee would be private donations, not federal funds. In fact, under my bill, the U.S. Olympic Committee would be required to pay all administrative costs involved in the checkoff program. Therefore, the bill would not cost the federal government one dime.

This legislation enjoys broad bipartisan support in both houses of Congress. In the House, 261 members have become co-sponsors of H.R. 1984, while 56 U.S. senators have co-sponsored the Senate version (S591) of this legislation.

While there are many organizations and worthy causes deserving private financial support, the U.S. Olympic Committee is unique in that it trains young men and women to represent the United States in international athletic competition. The success of our Olympic teams, as evidenced by the "Miracle on Ice" at Lake Placid, stirs national pride and a sense of achievement in the hearts of all Americans. Clearly, our Olympic effort is unique among American charities.

While no one knows how much money the Soviet

About the Author

Congressman Jack Fields, 31, is in his second term representing suburban Houston, Texas, in the U.S. House of Representatives. Fields introduced "The Olympic Checkoff Act" in 1981 and re-introduced the same legislation with Reps. Charles Rangel of New York and Guy Vander Jagt of Michigan earlier this year. At present, the bill has 261 co-sponsors (139 Democrat, 123 Republican) and is pending in the House Ways and Means Committee.

Viewpoint continued

Union, East Germany or other totalitarian governments spend on their own sports development, it is clear that they view the Olympic Games as an opportunity for propaganda and a way to demonstrate to the Third World, in particular, the superiority of their culture.

The United States must recognize this opportunity as well. And in doing so, we must find every means available to allow our citizens to contribute to our own sports development program.

The Soviets and their satellites would like nothing more than to come to our country in 1984 and, with the entire world watching, humiliate the United States. I believe we should and can prevent this from happening, and I am convinced that if H.R. 1984 is passed, the United States Olympic Committee would receive the financing that it so desperately needs.

Historically, the U.S. Olympic Committee served as a travel agency for our Olympic athletes. Today, as a result of the Amateur Sports Act of 1978, the U.S. Olympic Committee has become the central coordinating body for all amateur sports in this nation. Only five percent of the USOC's 1981-1984 \$80 million budget is used to send our nation's teams to the Pan American and Olympic Games, while the remaining funds are used to stimulate the development of potential Olympians and amateur athletes generally. Programs to which the USOC allocates funds include the national training centers in Colorado Springs and Lake Placid; development grants to the national sports governing bodies; a sports medicine program; the National Sports Festival; and programs to assist the handicapped to develop their athletic skills.

It is clear, then, that the United States Olympic Committee is committed to reaching athletic perfor-

mers of all ages and abilities, consistent with the Amateur Sports Act of 1978. But in order to fulfill the multiple objectives of its charge, the U.S. Olympic Committee needs the funds H.R. 1984 would provide.

While this bill will help Olympians like Scott Hamilton, Tracy Caulkins, Mary Decker, Carl Lewis and Edwin Moses, its real purpose is to assist those thousands of young aspiring athletes who dedicate their lives to the pursuit of competitive athletic excellence.

In the last four years, the American people have checked off \$154.9 million on their 1040 tax forms to the presidential campaign fund. In 1981, 95 million Americans filed 1040 tax returns and 74 percent of them were entitled to a refund. I'm convinced that a majority of these Americans would be thrilled to have the opportunity to contribute \$1 or \$2 to the dedicated young men and women who represent us in international athletic competition. This Olympic checkoff system is a painless and efficient way to demonstrate our grassroots support for amateur athletics and for the many positive benefits amateur athletics brings to America's youth.

I believe we owe our nation's Olympic athletes the opportunity of first-class training and first-class facilities. While international competition is reached only by a gifted few, amateur sports can enrich the lives of all who participate.

As Baron Pierre de Coubertin, the founder of the modern Olympics, once said, "The most important thing is not to win but to take part, just as the most important thing in life is not the triumph but the struggle. The essential thing is not to have conquered but to have fought well." H.R. 1984 offers America's amateur athletes the chance to participate in this noble struggle. □

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DEUTSCHLAND ÜBER ALLES

A German invasion swept through Italy in August, but instead of clanking over the Alps in grey-clad *Panzers*, the invaders landed at the Rome airport in commercial jetliners. Rather than waging war upon the Roman citizenry, the Germans assaulted the record books. Most of the conquering army was female.

The XVI European Swimming Championships, Aug. 22-27, were almost completely a German show. Besides the East German women going 1-2 in every individual event and winning all three relays, West Germany's Michael Gross loomed over the men's competition in a manner befitting his nickname of "The Albatross," winning three individual and one relay gold and having a hand in three world records.

Once the German haul was subtracted, that left exactly 11 gold medals for all of the other European nations to split.

Gross, 19, was undoubtedly the star of the meet after he broke world records in the 200 meter freestyle and the 200 butterfly, as well as swimming a blistering anchor leg on West Germany's world record-setting 800 free relay.

His 1:47.87 in the 200 free on the meet's opening day eclipsed his two-month-old mark of 1:48.28, while his 1:57.05 in the 200 fly bettered American Craig Beardsley's 1:58.01 from 1981. And the 6-6, 185-pound Gross went 1:47.21 (fastest ever) on the tail end of West Germany's 7:20.40 in the relay, breaking the 1978 standard of 7:20.82 set by the U.S. team in the World Championships.

It was almost ho-hum when Gross won the 100 fly in 54.00, tying his European mark in the process. "This pool is not that fast because of the wave action," Gross said after the 100 fly, "and I had no expectation of a record."

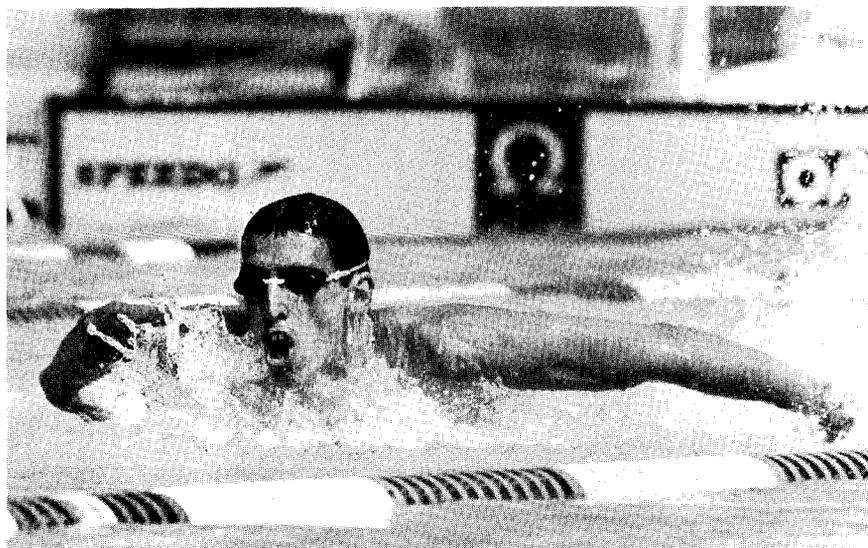
The DDR women might have had expectations of records when they approached the European Championships, but few were produced during their races. What was produced, though, was an unprecedented sweep of *every* gold medal, and of every available silver medal.

Ute Geweniger was the East Germans' only individual world record-setter via her 1:08.51 win in the 100 breast (her old mark was 1:08.60) on the meet's third night. The DDR 400 medley relay (4:05.79) and 800 free relay (8:02.27) also set world marks; the medley surpassed East Germany's 1982 best of 4:05.88, and the 800 is a new record event.

Geweniger, like Gross, won three

their own national championships. For example, Geweniger's 200 breast time of 2:30.64 at Rome was off her previous 2:30.16, and her 200 IM was slower, too; Ina Kleber, Cornelia Sirch and Katrin Zimmermann were all slower in their backstroke times; Ines Geissler went slower in both butterflys; and world record holder Petra Schneider emerged in tears and wouldn't speak to the press after she was upset (and swam slower) in the 400 IM.

The meet was held at the *Piscina Foro Italico*, site of the 1960 Olympic Games aquatic competitions. While Gross' achievements sent the attending West Germans into paroxysms of nationalism, the reaction



(Photo by Tony Duffy)

Italy's Franceschi made the home-town crowd happy with his wins in the 200-400 individual medley. It was the first time since 1958 that an Italian had won gold at the Europeans. The icing on the cake was that both times were good for European records. Franceschi was happy too.

individual events, taking the 100 and 200 breaststrokes as well as the 200 IM. She also contributed a 1:09.16 leg to the record-setting medley relay.

Yet while the East German women trounced their competition at Rome, their times in many instances weren't as fast as those recorded two months previously at

was nothing compared to the furor when Italy's own Giovanni Franceschi took both the 200 and 400 IMs in European record times of 2:02.48 and 4:20.41, respectively.

Franceschi held off a fast-closing Jens-Peter Berndt of East Germany on the meet's second night to take the 400 IM and give Italy its first swimming gold in the Europeans ▶



Photo by Ladislav Perenyi

Astrid Strauss came into her own at Rome, claiming victories in the 400-800 freestyle. The former is a DDR national and European record (4:08.07). She was second in the 200 free.

since 1958. "The feeling is indescribable," said the 20-year-old Franceschi.

Besides the success of Gross and the East German women, the big story of the meet was the pratfall taken by the Soviet men. After a demanding summer schedule which included the World University Games in Edmonton and the McDonald's International Meet in Los Angeles, both in July, and the Spartakiade in Moscow in early August, the Soviets showed up at Rome stale, basically flat—and openly critical of the USSR swimming administrators who put together the trip list.

Aleksey Markovskiy, who finished third in the 100 fly at Rome, said, "Four competitions is too many. I have already spent myself." "I am also tired," Soviet distance ace Vladimir Salnikov said, without the aid of an interpreter. "Too much competition the last part of the season. No time to relax, to prepare and improve."

Assistant U.S. Olympic Coach Mark Schubert, attending the Europeans to observe the competition, said, "The Russians seem to be finding out what we've always believed: you can't swim hard all summer."

Salnikov took the 400 and 1500 in Rome, as expected, but both wins were in times slower than those he had recorded earlier in the season. Sergey Zabolotnov, who took the 200 back, also was slower than his previous 1983 best. And, perhaps most telling of all, the Soviets' 800 free relay, which has ranked second in the *world* every year since 1975, finished *fifth* at the Europeans.

Without doubt, the Europeans served as a bellwether for the 1984 Olympic Games, which explained the presence of Schubert, who was sent to "scout" the competition. Although a lot can happen between August 1983 and July 1984, it would appear that: (a) the American women have their work cut out for them, except perhaps in the 100 fly; (b) Gross and Salnikov will be tough; (c) the men's IMs may be the

Olympics' most hotly contested events.

The reason for (a) is obvious. The only Olympic events in which an American woman is ranked ahead of an East German are the 400 free and the 100 fly. Tiffany Cohen's margin over Astrid Strauss in the 400 (4:08.05 to 4:08.07) is hardly reassuring, though; Laurie Lehner's 59.54 in the fly to Geissler's 1:00.16 allows somewhat more breathing room.

In the sprint freestyles, the DDR can rely on Strauss, Birgit Meineke and Kristin Otto. Meineke continued her current dominance of the 100 free (she was last year's world champion) by winning at Rome in 55.18. She also took the 200 in 1:59.45, followed by Strauss' 2:00.16. Otto was second in the 100 with a 55.52 and led off the East Germans' record-setting 800 free relay in 1:59.63.

Strauss and Anke Sonnenbrodt were 1-2 in the 400 and 800 freestyles, and in the backstrokes, Cornelia Sirch, Ina Kleber and Katrin Zimmerman accounted for all the medals at Rome, all with faster times than any American backstroker has recorded this year.

Sylvia Gerasch, a 14-year-old phenom, was hot on Geweniger's heels in both breaststrokes, clocking 1:09.62 and 2:30.67. Her 100 time makes Gerasch the third-fastest performer of all time (behind Geweniger and Tracy Caulkins), and the 200 is fifth-fastest.

Polit and Geissler had a lock on the butterfly medals. The 200 fly was by far the fastest 1-2 finish ever, as Polit won in a European-record 2:07.82 (the first time anyone has come within two seconds of any of Mary T. Meagher's world records in the event; the current mark is 2:05.96), while Geissler, who upset Meagher last summer at the World Championships, was second in 2:08.09.

As for (b), *Herr* Gross cut a record swath through two events that have been traditional American bastions, and Salnikov continues to be, well, Salnikov.

Only one non-U.S. swimmer in the last 19 years has ever held the 200 fly world record: Hans Fassnacht, like Gross a West German,

reigned from 1971 to 1972. In the 200 free, besides Sergei Kopliakov's stint from 1979 to 1980, no non-American held the record except for—you guessed it—another West German, Hans-Joachim Klein for two month in 1964.

During his 1:47.87 effort in the 200 free, Gross was out for his first 100 in 53.66 and came back in 54.21. In contrast, when Rowdy Gaines set his then-world mark of 1:48.93 at last year's World Championship Trials, he split 52.95-55.98. And Gross had been sick with the flu for a week before the Europeans. "I'm very surprised with my time," he said. "I don't know how fast I could have gone if I hadn't been sick and if there hadn't been the waves." Gross felt the pool was choppy because of inadequate design.

It is a measure of Salnikov's prowess that even when he wins the 400 and 1500 with times of 3:49.80 and 15:08.84—times which only four other men have achieved—he is considered to be in a slump. In the 400, Salnikov was ahead of his own world record pace for 250 meters, but fell off the pace later in what he termed a "tactical" race. The crushing early pace took its toll on the Yugoslavian Petric brothers, Borut and Darjan, who finished more than two seconds behind. Borut Petric once again chased Salnikov in the 1500, finishing six seconds back.

Finally, item (c) is borne out by the fact that at Rome, four men were under 2:04 in the 200, and five were under 4:25 in the 400 IM, neither of which has ever been previously accomplished—and that was just at the *European Championships*. Throw in world record holders Alex Baumann (Canada) and Ricardo Prado (Brazil), along with Americans Bill Barrett, Steve Lundquist, Jeff Kostoff, Jeff Float and possibly Jesse Vassallo, and the battle starts to heat up.

Other men's races at Rome provided food for thought. Soviet breaststroker Robertas Zhulpa, more noted for his strength in the 200, captured the 100 in a so-so 1:03.32 over Britain's Adrian Moorhouse, a Cal student. Moorhouse, conversely, who cranked a 1:02.93 in the 100 last year, upset Zhulpa by



(Photo by Ladislav Perenyi)

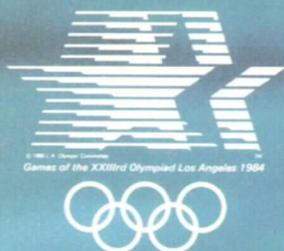
Though the DDR women brought a new meaning to the word "awesome" at Rome by sweeping every gold medal available, Geweniger was the only one to set a world record. She nipped her old 100 breast mark by eight-hundredths, going 1:08.51, and also captured gold in both IMs.

winning the 200 in 2:17.49. (Hungary's Alban Vermes was second in 2:18.27; Zhulpa's 2:18.72 was third.)

Per Johansson, an Auburn student from Sweden, defended his 1981 European title in the 100 free by edging 1982 world champion Joerg Woithe of East Germany, 50.20 to 50.29. The 100 back crown went to the DDR's Dirk Richter in 56.10;

Richter was the 1982 world champion with a 55.95. Zabolotnov took the 200 back over Hungary's Sandor Wladar, 2:01.00 to 2:01.61.

The Soviets won both of the shorter relays, the medley in 3:43.99 and the free in a national and European record 3:20.88, the fifth-best time ever, behind four American performances. □



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McDONALD'S, in addition to being the official fast service restaurant of the 1984 Olympics, financed the building of the pools to be used as sites of swimming, diving and synchronized swimming competition during the '84 Games.

The big drum has finally stopped revolving and it's time to reach in and pick out the winning names. The 1984 Olympic ticket lottery, the first of its kind, has been completed, with the result that many aquatic events were oversubscribed.

Under the ticket plan, once prospective ticket buyers had sent in their applications and money (back in August) for all the events they wished to attend, a computer would analyze all orders received. Those events for which more orders were received than tickets were available would be designated "oversubscribed," and tickets would be awarded by random drawing; those persons not receiving tickets in the lottery would be refunded their money.

As of presstime, the LAOOC projected that nine of the 12 available sessions in the swimming competition would be oversubscribed, in-

cluding all six finals. The three remaining preliminary sessions still open were July 30 and 31 and August 3. Every diving final was overbooked, in addition to men's platform prelims. Both sessions of synchronized swimming (duet prelims and finals) are expected to be oversubscribed, as are the final two sessions of water polo (out of 21).

Ticket confirmations were to have been sent to purchasers in late October and early November, according to LAOOC Deputy Press Secretary Steve Montiel. The actual tickets will not be mailed until June in order to discourage forgery attempts. Montiel said an updated list of available events will be printed soon, and purchasers may still obtain ticket order forms from Sears, Roebuck retail outlets, as well as Southern California First Interstate Bank branches and Manufacturers Hanover offices in the New York area. These orders will be filled on a first-in, first-served basis.

In all, of the 370 total sessions for which tickets were available (some sessions, such as figures competition for synchro, will be open for free), 78 are projected by the LAOOC to be overbooked. Two sports, synchro and gymnastics, are completely sold out, as are the opening and closing ceremonies. Swimming, with 75 percent of its sessions oversubscribed, is the next most popular sport.

Three of cycling's five available sessions are sold out, and half of the sessions in diving, judo and tennis are booked. Overall, the least-subscribed events are boxing, equestrian and team handball.

Adding spice to the already mounting pitch of pre-Olympic

anticipation is the coy attitude of the Soviet Union concerning that country's participation in the 1984 Games. In the wake of the Soviet downing of a Korean jetliner on Sept. 1, for example, both houses of the California legislature unanimously passed resolutions calling for a ban on Soviet participation in Los Angeles next summer. The USSR declined to send teams to pre-Olympic events in Southern California in rowing, volleyball and archery during September and October.

Many fears about Soviet participation were quelled, however, in an Oct. 12 interview with International Olympic Committee President Juan Antonio Samaranch in which he stated that the USSR will send a delegation of officials to Los Angeles in the near future to make final technical arrangements for the Soviets' stay in the city next summer.

Additionally, Samaranch attended a meeting of Eastern-bloc sports ministers in Pyongyang, North Korea, in late September. "I met with all of the ministers of the socialist countries," Samaranch said. "All of the socialist countries are willing to come to Los Angeles if the Olympic Charter is respected. And I am sure the Olympic Charter will be respected."

One of the provisions in the Olympic charter stipulates that all eligible athletes, as determined by the IOC, must be allowed to participate in the Olympic Games. In spite of the California legislature's resolution, both LAOOC President Peter Ueberroth and Los Angeles Mayor Tom Bradley have gone on record in the last month as stating that all athletes will be welcome to the city next summer. □



U.S. Swimming

USAS Convention Most Successful

When United States Swimming president Ross Wales struck the final gavel of the USAS Convention in Cincinnati, Ohio, on Saturday, Oct. 1, 1983, it sounded the end of the most successful United States Aquatic Sports Convention ever.

The most significant item to come out of United States Swimming House of Delegates was legislation creating SWIMFUND, a fund in which athletes can put earnings paid them for activities involving their athletic fame. Ten percent of those funds go to United States Swimming and 90 percent of the funds may be used by the swimmer for expenses necessary to maintain themselves at a level of training for international competition. The remaining funds will be kept in this trust and administered by a committee appointed by the president of United States Swimming.

This legislation was drafted by attorney Bernard J. Favero and complies with all international rules regarding amateurism of athletes. Athletes with NCAA or NAIA eligibility remaining should contact the USS headquarters for clarification on their participation in SWIMFUND.

Also of significance was the creation of the United States Swimming Foundation. This separate corporation will act as an administrator of excess funds of United States Swimming. It will also enable USS to become the beneficiary of wills and estates. Contributions to the United States Swimming Foundation will be tax deductible. The Foundation will be administered by a small board appointed by the president of USS.

Also of significance at the USAS Convention were the winners of the annual awards in the swimming

community. Winning the United States Swimming Award, the highest honor USS can bestow, was 1984 U.S. Olympic coach Don Gambril. Rick Carey, the world record holder in the 100 and 200 meter backstroke, was voted Swimmer of the Year by those attending the convention. He was also named the winner of the Phillips Performance Award for his 1:58.93 performance in the 200 meter backstroke at the USS National Championships in Clovis, Calif., as voted upon by the press covering swimming this year.

The Kenneth J. Pettigrew Award for the Official of the Year went to the venerable Ethel "Breezy" Burchett of Norfolk, Va., while Bernard J. Favero, author of the SWIMFUND legislation, was given the first Athletes' Appreciation Award.

Olympic Hopefuls Set for Hawaii

When it comes to motivation, you've got to hand it to Don Gambril, the head Olympic swim coach for the United States in 1984. Gambril and his Olympic staff will assemble the top 72 swimmers in the United States (36 men and 36 women) and fly them to Hawaii on Nov. 18, 1983, for a week of intensive training, motivation and stroke analysis.

"We are going to start with this year's Pan-Am team," Gambril said, "and then go down to third place off our Long Course Nationals and fill in with those areas in which we are weak internationally. We think that using this method we will be able to get about 90 percent of next year's Olympic team in the camp."

Since the United States Swimming Olympic Trials are not slated until June 25-30, 1984, in Indianapolis, it would take a good crystal ball to get 100 percent of the team.

Gambril's main intention with the Hawaiian camp is to let the swimmers have fun and get to know each

other as a team. "The Europeans will be coming to Los Angeles having been together as a team for a whole year," Gambril said. "It is our hope that the staff can get our swimmers thinking 'team,'" he concluded.

In addition to the *de rigueur* two-a-day workouts, the elite swimmers will be given classes on positive motivation and will be able to see films of their strokes for speed analysis.

The plan, according to Gambril, is to film the swimmer head-on and from the side in what amounts to a crude attempt at stereo. "We know the speed of the film in frames per second," the Alabama head coach said, "so all we have to do is figure out the swimmers' speed in meters per second at each phase of their stroke, and we can find where we need to work on each individual's stroke."

Tentative plans also call for the U.S. swimmers to review films of themselves as well as next year's opponents in the water and to take time for a Hawaiian luau for Thanksgiving.

USS Names 1983 All-Star Team

United States Swimming, the national governing body for amateur competitive swimming in the United States, named its 1983 All-Star Team last week at its national convention in Cincinnati, Ohio.

The selections to the team were based on those swimmers winning an event—short course or long course—during the 1983 season. Ties were broken on a point system at the first tie, and then on international competition if the tie persisted.

This year the name of the team was changed from All-America to All-Star. The top 12 finishers in each event at the Phillips 66/United States Swimming Short and Long

The opinions expressed on this page are those of United States Swimming, Inc., and do not necessarily reflect the views of *Swimming World Magazine*.



U.S. Swimming

Course Championships become All-Americans.

Of the 19 swimmers on the team, only four men and five women are repeaters from the 1982 team.

The oldest and the youngest swimmers on the team both come from the distaff side as 26-year-old butterfly Laurie Lehner of Radcliffe, Ky., gets the nod at the 100 butterfly spot. Carrie Steinseifer, a 15-year-old Pan American Games gold medalist from Saratoga, Calif., was the 100 freestyle selection.

Since the team encompasses winners from the short course (yards) season and the long course (meters) season, no differentiation is made as to yards or meters.

The newcomer to the team with the most sparkling credentials is Rick Carey. The 20-year-old native of Mt. Kisco, N.Y., broke the two oldest records on the swimming books this summer as he claimed both 100 and 200 backstroke slots. Carey smashed John Naber's seven-year-old backstroke marks—both set in the 1976 Olympics—as he went 1:58.93 in the 200 meter backstroke and ran off a string of three straight world records in the 100 meter backstroke, settling in at 55.19 seconds.

Not making the team for the first time since its inception in 1981 are Mary T. Meagher, the world record holder in the 100 and 200 meter butterfly, and Jill Sterkel, previous owner of the 100 freestyle slot.

For the men, it is not only a case of new faces, but it's a time for re-emergences and re-arranging. Carey, who did not make the 1982 team, held both backstroke spots in 1981. Rowdy Gaines held the 50, 100 and 200 freestyle spots in 1982 but surrendered the 200 to 1981 All-America David Larson and the 50 to newcomer Tom Jager.

Mike O'Brien just edged out 1982 All-America Bruce Hayes for the 400/500 freestyle spot, despite Hayes' gold medal performance in the Pan American Games. Jeff Kos-

toff picked up the 800/1000 freestyle spot from Tony Corbisiero and the 400 IM spot from Hayes and added them to his second straight selection in the 1500/1650 freestyle to become the only triple event selection for the men.

In the stroke events Steve Lundquist kept his grip on the 100 breaststroke and nabbed the 200 IM as well. In the 200 breaststroke, Doug

Soltis leveraged his short course performance to overcome Lundquist's American record and Pan American gold medal in that event. Matt Gribble re-emerged as the 100 butterfly selection based on his world record in that event, while Craig Beardsley held down his 200 butterfly spot without any trouble.

On the women's side of the ledger, the more things change the more they stay the same. For the third straight year Tracy Caulkins, the *grande dame* of American swimming, remained enthroned in the 200 and 400 individual medleys.

Tiffany Cohen, who held one spot on the '81 team (400 free) and two spots on the '82 team (400 and 800/1000 free), continued her progression with three spots on the '83 team, picking up the 1500/1650 free. Cohen is the only three-event woman on this year's squad.

Cohen, who will be a senior at Mission Viejo High School this year, joins four other prepsters on this year's team. Dara Torres, a classmate of Cohen's, gets tapped in the 50 freestyle. Kim Rhodenbaugh, a senior at Oak Hills High School in Cincinnati, Ohio, repeats from 1982 in the 100 and 200 breaststroke. Steinseifer is a junior at Saratoga High School. Rhodenbaugh's selection over Jeanne Childs, the American record holder in the 100 and 200 yard breaststrokes, went down to the second tie-breaker—international competition—where Rhodenbaugh picked up a silver and a bronze medal in the Pan American Games.

Two of the other newcomers to the team are both University of Florida freshmen. Patty King is the 200 butterfly selection based on her short course championship, and Mary Wayte grabs the volatile 200 freestyle pick over heavy competition from Cynthia "Sippy" Woodhead, the world record holder in that event.

Sue Walsh solidified her 100 backstroke spot and added the 200 back as well. Last year's 200 back selection was the venerable Caulkins. ●

1983 UNITED STATES SWIMMING ALL-STAR TEAM

MEN	EVENT	WOMEN
Tom Jager 6-3, 165, 19 Collinsville, Ill. UCLA, Soph.	50 free	Dara Torres 5-10, 144, 16 Beverly Hills, Calif. Mission Viejo HS, Jr. Mission Viejo
Rowdy Gaines 6-1, 160, 24 Winter Haven, Fla. Longhorn	100 free	Carrie Steinseifer 5-6, 125, 15 Saratoga, Calif. Saratoga HS, Soph. West Valley
David Larson 6-3, 175, 24 Jessup, Ga. Florida	200 free	Mary Wayte 5-7, 128, 18 Seattle, Wash. Florida, Fresh. Chinook
Mike O'Brien 6-6, 151, 18 Mission Viejo, Calif. Orange Coast CC Mission Viejo	400/500 free	Tiffany Cohen 5-8, 120, 17 Mission Viejo, Calif. Mission Viejo HS, Sr. Mission Viejo
Jeff Kostoff 6-0, 150, 18 Upland, Calif. Stanford, Fresh. Industry Hills	800/1000 free	Tiffany Cohen
Jeff Kostoff	1500/1650 free	Tiffany Cohen
Rick Carey 6-0, 180, 20 Mt. Kisco, N.Y. Texas, Jr. Badger	100 back	Sue Walsh 5-10, 130, 21 Hamburg, N.Y. No. Carolina Unat.
Rick Carey Steve Lundquist 6-2, 183, 22 Jonesboro, Ga.	200 back 100 breast	Sue Walsh Kim Rhodenbaugh 5-8, 132, 17 Cincinnati, Ohio Oak Park HS, Sr. Cinci Pepsi Marlins
Mustang Doug Soltis 5-9, 170, 21 Clearwater, Fla. Florida, Sr. Hurricane	200 breast	Kim Rhodenbaugh
Matt Gribble 5-11, 170, 21 Miami, Fla. Miami, Sr. Hurricane	100 fly	Laurie Lehner 6-0, 136, 26 Radcliff, Ky. Gold Vault
Craig Beardsley 5-11, 162, 22 Harrington Park, N.J. Florida Aquatics	200 fly	Patty King 5-6, 127, 18 Nashville, Tenn. Florida, Fresh. Nashville Aquatics
Steve Lundquist	200 IM	Tracy Caulkins 5-9, 132, 20 Nashville, Tenn. Florida, Jr. Florida Aquatics
Jeff Kostoff	400 IM	Tracy Caulkins

The opinions expressed on this page are those of United States Swimming Inc., and do not necessarily reflect the views of *Swimming World Magazine*.

LEARNING FROM THE OLYMPIANS

BUTTERFLY ARMSTROKE

By **KAREN MOE THORNTON**
Swimming World Instructional Staff

Karen Moe Thornton, 30, coaches the University of California at Berkeley women's swim team. In the 10th installment of Swimming World's instructional series, she breaks down the arm movements of the butterfly stroke.

As Karen Moe, she won the Olympic gold medal in the 200 fly at the 1972 Munich Games, breaking her own world record in the process. Four years later, she returned to the Games as the oldest American female competing at Montreal, and missed medaling in the same event by just four-hundredths.

Photos for this article were taken at the Spieker Aquatic complex at the University of California. Thanks to Mary T. Meagher and Agneta Martensson for their cooperation.

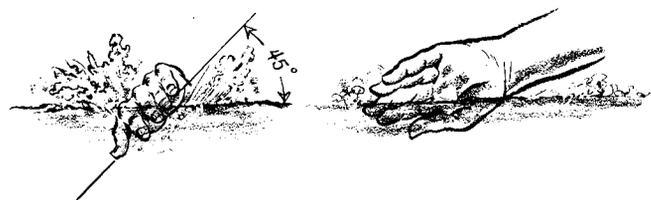
There are as many different styles of butterfly as there are successful butterflyers. However, certain technical principles are common to each of these styles. In this article I will discuss the principles of a good, efficient butterfly arm stroke.

The mechanics of the butterfly stroke can be divided into five parts: the entry, the catch, the scull-in, the scull-out and the recovery.

Entry

The entry should be made with your hands about shoulder-width apart and pitched so your thumbs are pointed down about 45 degrees. At entry your elbows should be slightly bent. As your hands slide in the water, extend your elbows so that your hands begin to move out as your upper arms continue to move in and forward. This part of the entry is termed "the stretch." The stretch is timed to the first big kick. As your hands move out, your shoulders should move forward and down and your hips will rise to their highest point.

There are two common errors on entry. One is to enter with the hands pitched too steeply so that the backs of the hands push against the water as they slide together. This causes a great deal of resistance, which will slow forward movement. Also, you want your hands to enter at their closest point and begin to move out right away. The second error is to try to pull back



Above: the angle of the hand on entry should be about 45 degrees, with the thumb down. Opposite page: Examining the angle of the left hand, at the catch (top) the hands are pitched out and down. During the scull-in (middle) the hands sweep in and are turned so the palms face back and in. In the scull-out (bottom), the palms angle out, up and back just before the final extension.

(Illustrations by Art Brewster)

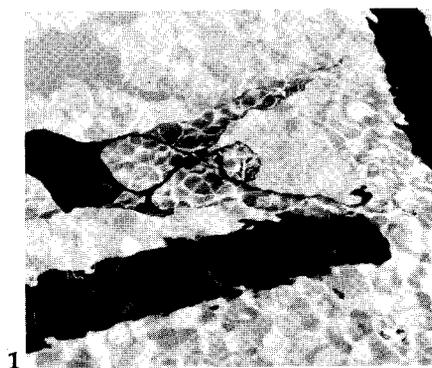
immediately on entry rather than letting your hands scull out at the stretch.

Catch

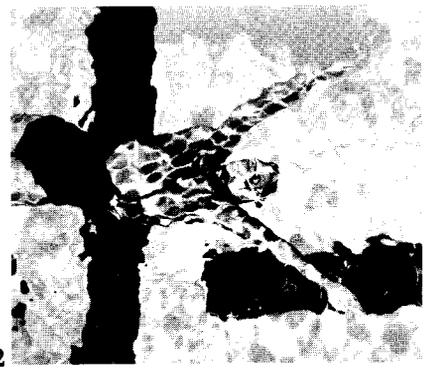
The catch is made with your hands at their widest point—about 6 to 10 inches outside of your shoulders—by pressing down and out, first with your fingertips, then hands and then forearms. During the catch your elbows should rise toward the surface and stay forward. After the catch your hands should continue to scull out and down in a circular path before they begin to scull in.

The main error here occurs by pressing the hands and forearms straight down on the water, causing the head and shoulders to rise up rather than move forward. This is usually caused by too much body motion or by pulling the water back right away. If the head and shoulders are driven deep underwater, then the swimmer has to press down on the water to get high enough for a breath. ►

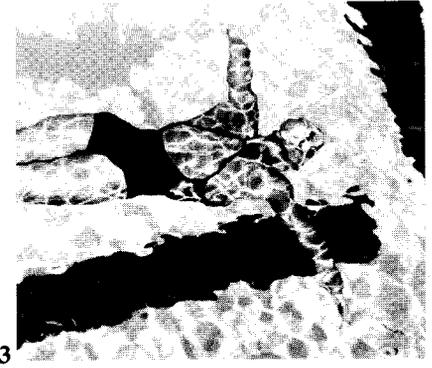
NOTICE: All swimming training and instruction should be performed under the supervision of a qualified coach or instructor, and in circumstances which ensure the safety of participants.



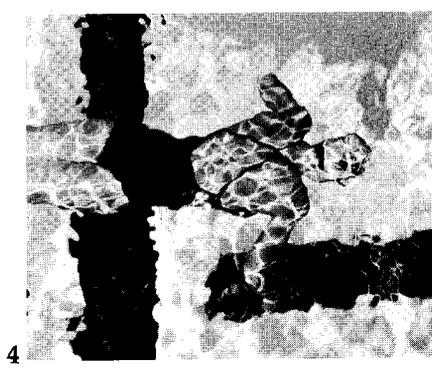
1



2



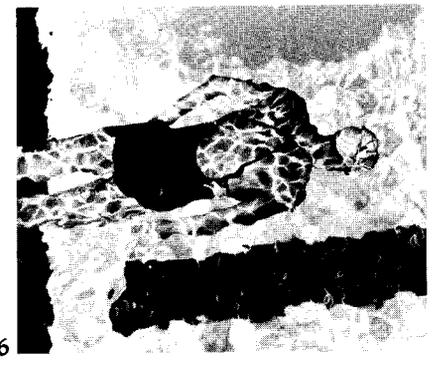
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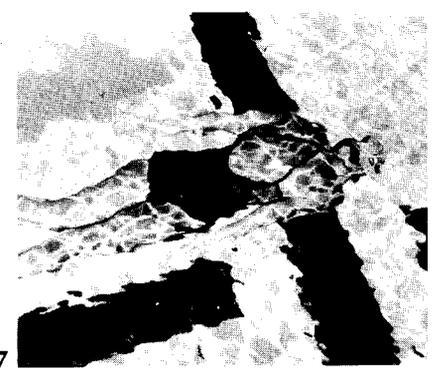
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5



6



7

In the underwater pulling drill your arms go through the same pulling pattern as in the stroke, while your hands duplicate the same pitch. In 1., Mary T.'s hands have just started their outward scull. In 3., the wrists are just beginning to turn in; in 4., the arms are on the scull-in. Photo 5. shows the point at which the arms and hands are just switching from scull-in to scull-out, and photo 7. shows the end of the scull-out.

Scull-In

The scull-in begins as your hands pass under your elbows and begin to scull in toward your midline. Your hands, with fingertips pointing toward the bottom, should scull toward your head or chest until they are close to touching. Some swimmers actually touch their thumbs together as they scull in.

Two common errors can occur in this phase. The first is what is commonly called "dropping the elbows." This means that the swimmer is letting her elbows slip back toward her body as her hands scull in, rather than sculling her hands around her elbows like a propeller blade. (Coaches often talk of trying to keep your elbows high in the water when perhaps they mean keeping your

elbows forward.)

A second problem can happen when the swimmer pitches her hands incorrectly, either pointing the palms so they are facing each other or letting the hand "slice" through the water too easily. The correct hand position or pitch can be learned with experimentation.

Scull-Out

In the scull-out phase of the stroke, your hands and arms change direction so that they're moving back toward your feet, and out and up past your hips. Remember here to keep pressure on your pinkies on the scull-in and pressure on your thumbs on the scull-out. Try to get good elbow extension as your hand is leaving the water. On the scull-out, one common error involves

pushing water up toward the surface rather than sculling. If your fingertips are leading, you're probably pushing water upward.

Recovery

The end of the scull-out is actually the beginning of the recovery, just as it is in freestyle. As your hands scull out past your hips and close to the surface, you want to release the water by turning your hands so the palms are momentarily facing your legs before you start the recovery. The recovery should be initiated by a shoulder lift; lift your shoulders like you're shrugging them toward your ears. The recovery is a passive swing around. You want your arms to be relaxed with your thumbs pointed down; in that way, your hands will be in correct position for entry (thumbs first) on the next stroke cycle.

It's not critical whether you have a straight-arm recovery or a bent-arm recovery, nor does the distance from the surface of the water matter. The most important thing is that your arms should be relaxed, that you get a good shoulder lift to initiate the movement, and that your entry—the end of the recovery—be controlled.

Strength Training

In the weight room for older swimmers, a couple of exercises can help you develop proper butterfly arm-stroke mechanics. Using an overhead latissimus pulley bar, kneel down and put your hands about 10 to 12 inches apart on the bar. Start pulling the bar down just with your hands, then add your forearms (keeping your elbows as high as you can), then finish the pull using your whole arm. This is an excellent exercise for getting the feel for rotating your forearms around your elbows.

Another good exercise, using the same lat bar, is to stand up, placing your hands six to eight inches apart on the bar and tucking your elbows into your waist. Then extend your elbows, pushing the bar down. This simulates the feeling of extension at the end of the scull-out. (By the way, while you're swimming, try to snap your hands all the way to your knees at the end of the stroke; you won't make it, but it'll give you a good extension.)

Stroke Drills

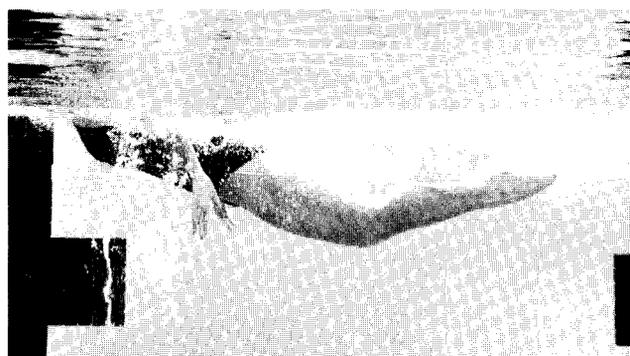
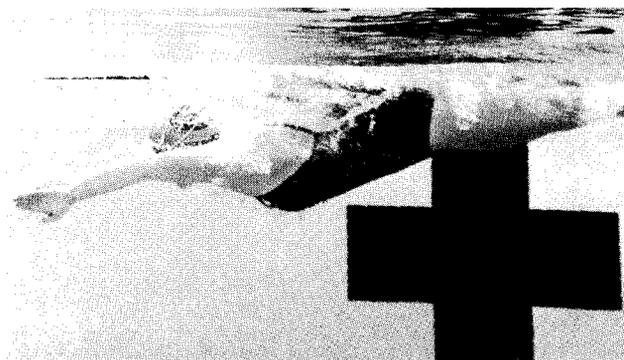
A drill that I like which helps teach the proper hand pitch and pulling pattern during different parts of the armstroke is called the pull-down drill. Push off the wall underwater and go through two or three armstrokes, trying to do an "hourglass"-shaped pull. Concentrate on hand pitch and the hands' changes of direction. Make sure your hands get close together under your chest and then accelerate all the way through until your arms are extended at your legs. You can do either a dolphin kick or breaststroke kick while you're recovering your arms underwater in a streamlined fashion. This drill is good for both armpull pattern and timing, because you can

work on driving your hips down toward the bottom of the pool as you scull in.

Another good drill for practicing correct armstroke is the one-arm butterfly drill described in the March 1983 installment of the *Swimming World* instructional series.

Conclusion

Being aware of the position of your hands, forearms and elbows is one of the key requirements for a successful butterfly stroke. Small differences in angle can mean a big difference in performance time. Strive to attain the best possible stroke mechanics you can; it'll pay off not only in butterfly, but in other strokes as well. □



Outward hand pitch is clearly demonstrated in the two photos above. In the top photo, just after the entry, Mary T.'s hands are pitched out and down about 45 degrees. In the lower photo, her palms are also pitched out as she completes the scull-out just before finishing her push and starting her recovery.

**NEXT MONTH: John Hencken on
breaststroke pacing and strategy**

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EASTERN SWIMMER

NOVEMBER 1983

CAPITOL AREA LONG COURSE MEET Camp Hill, Pa.

July 8-10, 1983 50 M. Pool

(Results continued from October issue of Eastern Swimmer)

BOYS

11-12	
100 M FREESTYLE	
Jim Mackey, SSC	1:05.38
Greg Clark, WCSC	1:07.28
Mark Kolman, WAC	1:09.38
200 M FREESTYLE	
Jim Mackey, SSC	2:17.28
Matt Bond, PAC	2:23.88
Greg Clark, WCSC	2:23.93
400 M FREESTYLE	
Jim Mackey, SSC	4:46.04
Greg Clark, WCSC	5:02.38
Matt Bond, PAC	5:05.48
50 M BACKSTROKE	
Eric Mahler, PAC	37.67
Matt Bond, PAC	39.47
Mike Kolman, WAC	39.69
100 M BACKSTROKE	
Jim Mackey, SSC	1:16.20
Mark Raybeck, WSY	1:32.06
50 M BREASTSTROKE	
Matt Brosenne, RDG	39.59
Rusty Bard, RDG	39.92
Billy Schwacke, RDST	39.95
100 M BREASTSTROKE	
Rusty Bard, RDG	1:27.67
Matt Brosenne, RDG	1:28.24
Billy Schwacke, RDST	1:29.40
50 M BUTTERFLY	
Greg Clark, WCSC	31.93
Mark Dereska, RDG	32.44
Matt Brosenne, RDG	35.24
100 M BUTTERFLY	
Greg Clark, WCSC	1:10.48
Jim Mackey, SSC	1:11.56
Matt Brosenne, RDG	1:26.64
200 M INDIVIDUAL MEDLEY	
Jim Mackey, SSC	2:37.49
Matt Bond, PAC	2:45.85
Mark Kolman, WAC	2:52.64

13-14	
50 M FREESTYLE	
Joshua Smith, WCSC	27.45
Mike Kolman, WAC	28.00
Steve Matter, WSY	28.80
100 M FREESTYLE	
John Kesler, WSY	1:01.06
Mike Kolman, WAC	1:01.26
Joshua Smith, WCSC	1:01.79
200 M FREESTYLE	
Scott Bold, WAC	2:12.27
Chris McCall, RAC	2:12.87
Joshua Smith, WCSC	2:20.26
400 M FREESTYLE	
Scott Bold, WAC	4:38.64
John Kesler, WSY	4:55.16
Chris Gaydos, PAC	4:56.13
800 M FREESTYLE	
Scott Bold, WAC	9:33.89
Mike Kolman, WAC	9:57.43
Tim Brumfiel, FDAD	10:09.04
100 M BACKSTROKE	
Joshua Smith, WCSC	1:06.69
Mike Kolman, WAC	1:11.59
Chris McCall, RAC	1:13.47
200 M BACKSTROKE	
Tom Holsten, WCSC	2:31.27
Joshua Smith, WCSC	2:31.89
John Kesler, WSY	2:35.14
100 M BREASTSTROKE	
Seth Van Neerden, WAC	1:16.36
Eric Reinert, BAC	1:21.86
Tim Brumfiel, FDAD	1:22.72
200 M BREASTSTROKE	
Seth Van Neerden, WAC	2:58.36



Christy Sheridan, MaryBeth Connolly, David LeBlanc (top); John Chopack and Danielle Davenport of the Colonie Aquatic Sea Devils (N.Y.) won high-point honors at the Adirondack Championships.

(Photo by Tom LaPointe/Albany Times Union)

Peter Cadek, PAC	3:00.25
Eric Reinert, BAC	3:01.09
100 M BUTTERFLY	
Scott Bold, WAC	1:06.32
Charley Boohar, RDST	1:06.85
Mike Kolman, WAC	1:07.71
200 M BUTTERFLY	
Scott Bold, WAC	2:24.54
Charley Boohar, RDST	2:29.94
Bill Lecates, YY	2:45.12
200 M INDIVIDUAL MEDLEY	
Seth Van Neerden, WAC	2:27.61
Mike Kolman, WAC	2:32.68
Scott Bold, WAC	2:35.23
400 M INDIVIDUAL MEDLEY	
Seth Van Neerden, WAC	5:13.66
Tom Holsten, WCSC	5:23.52
Scott Bold, WAC	5:24.34

Open

50 M FREESTYLE	
Donald Berger, WCSC	25.20
Blaise Matthews, WCSC	25.28
Rob Stone, WAC	25.75
100 M FREESTYLE	
Blaise Matthews, WCSC	55.01
Donald Berger, WCSC	55.15
Rob Stone, WAC	56.22
200 M FREESTYLE	
Donald Berger, WCSC	1:58.28
Mike Halfast, WAC	2:01.28
Andrew Hayden, WCSC	2:01.64
400 M FREESTYLE	
Donald Berger, WCSC	4:11.94
Andrew Hayden, WCSC	4:17.24
Bob Gavin, WCSC	4:17.35

800 M FREESTYLE	
Bob Gavin, WCSC	8:49.31
Henry Clark, WCSC	8:50.66
Tim Shea, WAC	8:51.96
1500 M FREESTYLE	
Bob Gavin, WCSC	16:31.95
Andrew Hayden, WCSC	16:57.35
Doug Smith, WCSC	16:59.67
100 M BACKSTROKE	
Scott Helms, WAC	1:03.61
C. Orth, WAC	1:03.99
Tim Shea, WAC	1:04.72
200 M BACKSTROKE	
C. Orth, WAC	2:14.43
Scott Helms, WAC	2:15.57
Tim Shea, WAC	2:18.83
100 M BREASTSTROKE	
Seth Van Neerden, WAC	1:09.09
Tim Sanocki, BAC	1:10.99
Jeff Oristaglio, WCSC	1:11.92
200 M BREASTSTROKE	
Seth Van Neerden, WAC	2:30.34
Tim Sanocki, BAC	2:37.39
Rob Gilliland, WCSC	2:39.14
100 M BUTTERFLY	
Donald Berger, WCSC	1:00.25
Tim Shea, WAC	1:00.37
Kirk Henry, WCSC	1:00.81
200 M BUTTERFLY	
Tim Shea, WAC	2:10.71
Chris Craft, WCSC	2:12.99
Kirk Henry, WCSC	2:14.45
200 M INDIVIDUAL MEDLEY	
Tony Yap, SSC	2:15.95JD
Donald Berger, WCSC	2:15.90JD
C. Orth, WAC	2:17.77

400 M INDIVIDUAL MEDLEY

Tony Yap, SSC	4:48.15
Tim Shea, WAC	4:51.92
Scott Helms, WAC	4:52.65

4th ANNUAL RED LOBSTER INVITATIONAL SWIM MEET West Orange YMCA, Fla.

July 22-24, 1983 50 M. Pool

TEAM STANDINGS

Blue Dolphins	901 1/2
West Orange	388
Lake and Hills	307 1/2

GIRLS

8 and under	
25 YD FREESTYLE	
Allison Miller, LYCC	15.59
Missy Bettis, LAKE	16.12
Gina Capulong, BD	16.16
50 YD FREESTYLE	
M. Egerton, FGSC	34.59
Allison Miller, LYCC	34.77
Serena Wiskeman, WVY	35.80
100 YD FREESTYLE	
Allison Miller, LYCC	1:18.78
Serena Wiskeman, WVY	1:18.96
M. Egerton, FGSC	1:19.86
25 YD BACKSTROKE	
M. Egerton, FGSC	19.22
Missy Bettis, LAKE	19.65
Allison Miller, LYCC	20.19
25 YD BREASTSTROKE	
M. Egerton, FGSC	20.21
Gina Capulong, BD	20.58
Missy Bettis, LAKE	21.05
25 YD BUTTERFLY	
Serena Wiskeman, WVY	17.38
Missy Bettis, LAKE	17.71
M. Egerton, FGSC	18.27
100 YD INDIVIDUAL MEDLEY	
M. Egerton, FGSC	1:27.44
Gina Capulong, BD	1:29.15
Allison Miller, LYCC	1:31.13

9-10

50 YD FREESTYLE	
Heather Hugus, BD	30.72
MaryNelle James, LYCC	30.79
Melissa Edwards, GOAC	31.34
100 YD FREESTYLE	
Heather Hugus, BD	1:06.38
MaryNelle James, LYCC	1:07.56
Sandi Wells, LAKE	1:08.09
200 YD FREESTYLE	
Sandi Wells, LAKE	2:23.57
Heather Hugus, BD	2:23.67
MaryNelle James, LYCC	2:29.80
500 YD FREESTYLE	
Sandi Wells, LAKE	6:16.83
Heather Hugus, BD	6:25.05
Sissy Bostwick, BD	6:34.36
50 YD BACKSTROKE	
Heather Hugus, BD	36.14
Melissa Edwards, GOAC	36.93
MaryNelle James, LYCC	38.36
50 YD BREASTSTROKE	
Melissa Edwards, GOAC	40.89
Sandi Wells, LAKE	41.73
Heather Hugus, BD	42.88
50 YD BUTTERFLY	
Sandi Wells, LAKE	34.70
Melissa Edwards, GOAC	35.07
Heather Hugus, BD	35.22
100 YD INDIVIDUAL MEDLEY	
Heather Hugus, BD	1:15.29
Sandi Wells, LAKE	1:15.80
Melissa Edwards, GOAC	1:18.77

11-12

50 YD FREESTYLE	
Rachael Weightma, BD	26.07

Eastern Swimmer Continued

Jenny Higgins, BD	26.76
Tammy Vaughn, LAKE	27.42
100 YD FREESTYLE	
Rachael Weightma, BD	57.93
Jenny Higgins, BD	58.18
Tammy Vaughn, LAKE	58.52
200 YD FREESTYLE	
Rachael Weightma, BD	2:04.01
Jenny Higgins, BD	2:06.45
Tammy Vaughn, LAKE	2:08.10
500 YD FREESTYLE	
Rachael Weightma, BD	5:30.39
Jenny Higgins, BD	5:33.99
Kelly Wise, BD	5:34.50
50 YD BACKSTROKE	
Jenny Higgins, BD	30.86
Kelly Wise, BD	33.04
Rachael Weightma, BD	33.16
50 YD BREASTSTROKE	
Tammy Vaughn, LAKE	34.15
Rachael Weightma, BD	35.16
Margaret McClurg, LYCC	36.08
50 YD BUTTERFLY	
Jenny Higgins, BD	29.37
Rachael Weightma, BD	30.75
Kelly Wise, BD	30.99
100 YD INDIVIDUAL MEDLEY	
Jenny Higgins, BD	1:05.74
Tammy Vaughn, LAKE	1:06.10
Rachael Weightma, BD	1:07.85

13-14	
50 YD FREESTYLE	
Jenny Hugus, BD	26.24
C. Amberntson, FGSC	26.57
Cindy Rusek, GTSC	26.69
100 YD FREESTYLE	
Jenny Hugus, BD	56.60
Cindy Rusek, GTSC	59.75
C. Amberntson, FGSC	1:00.51
200 YD FREESTYLE	
Jenny Hugus, BD	2:02.02
Lauren Aspinwall, BD	2:09.89
Dawn Maisenholde, BD	2:11.78
500 YD FREESTYLE	
Jenny Hugus, BD	5:28.37
Lauren Aspinwall, BD	5:45.27
Dawn Maisenholde, BD	5:46.16
100 YD BACKSTROKE	
Jenny Hugus, BD	1:07.78
C. Amberntson, FGSC	1:08.45
Lauren Aspinwall, BD	1:11.15
100 YD BREASTSTROKE	
Jenny Hugus, BD	1:16.34
Mich Rainaldi, PB	1:19.57
Rachel Burhenne, LAKE	1:19.71
100 YD BUTTERFLY	
Jenny Hugus, BD	1:03.66
D. Amos, FGSC	1:10.13
Monica Levay, GY	1:11.31
200 YD INDIVIDUAL MEDLEY	
Jenny Hugus, BD	2:19.95
D. Amos, FGSC	2:31.17
Dawn Maisenholde, BD	2:31.85

15-18	
50 YD FREESTYLE	
Amy Ray, LAKE	26.11
Susie Skowron, WOWW	26.53
Paige Winters, WOWW	26.76
100 YD FREESTYLE	
Amy Ray, LAKE	55.09
Susie Skowron, WOWW	57.62
Andrea Bosley, WOWW	59.07
200 YD FREESTYLE	
Susie Skowron, WOWW	2:05.44
Andrea Bosley, WOWW	2:13.02
Dawn Michaels, GOAC	2:14.58
500 YD FREESTYLE	
Amy Ray, LAKE	5:15.41
Susie Skowron, WOWW	5:35.35
Andrea Bosley, WOWW	5:51.92
100 YD BACKSTROKE	
Amy Ray, LAKE	1:03.50
Andrea Bosley, WOWW	1:13.09
Paige Winters, WOWW	1:13.46
100 YD BREASTSTROKE	
Andrea Bosley, WOWW	1:14.79
Belinda Tiengens, GTSC	1:19.93
Donna Holmes, LYCC	1:21.26
100 YD BUTTERFLY	
Amy Ray, LAKE	1:01.34
Andrea Bosley, WOWW	1:09.08
Kathy Guerdan, TAT	1:11.56

200 YD INDIVIDUAL MEDLEY	
Andrea Bosley, WOWW	2:28.02
Susie Skowron, WOWW	2:33.75
Paige Winters, WOWW	2:34.32

BOYS	
8 and under	
25 YD FREESTYLE	
David Kramer, BD	15.34
Mike Capelli, PB	15.80
Quint Simecek, PB	16.30
50 YD FREESTYLE	
Mike Capelli, PB	33.42
David Kramer, BD	34.01
Brian Burns, BD	34.92
100 YD FREESTYLE	
David Kramer, BD	1:14.72
Dean Sutter, BD	1:17.43
Mike Capelli, PB	1:17.48
25 YD BACKSTROKE	
Mike Capelli, PB	18.63
Eddie Szczeplaniak, Unat.	19.74
Dean Sutter, BD	19.90
25 YD BREASTSTROKE	
David Kramer, BD	19.74
Chad Fortson, LAKE	20.99
Brian Burns, BD	21.59
25 YD BUTTERFLY	
Mike Capelli, PB	16.55
David Kramer, BD	16.96
Brian Burns, BD	18.57
100 YD INDIVIDUAL MEDLEY	
David Kramer, BD	1:24.89
Brian Burns, BD	1:27.41
Dean Sutter, BD	1:32.60

10 and under	
50 YD FREESTYLE	
David Bandy, BD	28.49
Nathan Oshman, LAKE	29.90
Shane McCarthy, BD	30.60
100 YD FREESTYLE	
David Bandy, BD	1:00.72
Peter Scheveling, LAKE	1:05.15
Nathan Oshman, LAKE	1:05.67
200 YD FREESTYLE	
David Bandy, BD	2:12.93
Peter Scheveling, LAKE	2:21.41
Nathan Oshman, LAKE	2:23.92
500 YD FREESTYLE	
David Bandy, BD	5:43.78
Peter Scheveling, LAKE	6:12.79
Nathan Oshman, LAKE	6:23.23
50 YD BACKSTROKE	
David Bandy, BD	35.36
Peter Scheveling, LAKE	37.30
Zack Simecek, PB	37.89
50 YD BREASTSTROKE	
Peter Scheveling, LAKE	38.12
David Bandy, BD	38.99
Chris Stringer, BD	40.07
50 YD BUTTERFLY	
David Bandy, BD	32.90
Charles Hand, BCY	33.11
Peter Scheveling, LAKE	33.96
100 YD INDIVIDUAL MEDLEY	
David Bandy, BD	1:12.36
Peter Scheveling, LAKE	1:12.75
Nathan Oshman, LAKE	1:17.75

11-12	
50 YD FREESTYLE	
Mike Bostwick, BD	27.07
Lee Jackson, WOWW	27.33
Chris Wilson, BD	27.88
100 YD FREESTYLE	
Bubba Mickle, BD	59.17
Mike Bostwick, BD	59.20
Lee Jackson, WOWW	1:00.32
200 YD FREESTYLE	
Mike Bostwick, BD	2:09.66
Lee Powell, BD	2:11.50
Britt Nichols, BD	2:12.54
500 YD FREESTYLE	
Mike Bostwick, BD	5:36.52
Lee Powell, BD	5:46.96
Bubba Mickle, BD	5:48.22
50 YD BACKSTROKE	
Mike Bostwick, BD	32.74
Bubba Mickle, BD	32.88
Lee Jackson, WOWW	33.93
50 YD BREASTSTROKE	
Terry Bailey, WVY	35.69
Mike Bostwick, BD	35.79
Chad Kennedy, FGSC	36.46

50 YD BUTTERFLY	
Mike Bostwick, BD	30.55
Matt Higgins, BD	31.11
Lee Jackson, WOWW	31.73
100 YD INDIVIDUAL MEDLEY	
Mike Bostwick, BD	1:08.82
David Easter, LAKE	1:10.13
Bubba Mickle, BD	1:11.21

13-14	
50 YD FREESTYLE	
Chris Abel, FGSC	24.39
Jack Jackson, WOWW	25.21
David Torbert, FGSC	25.25
100 YD FREESTYLE	
Chris Abel, FGSC	53.23
Jack Jackson, WOWW	53.72
David Torbert, FGSC	56.00
200 YD FREESTYLE	
Chris Abel, FGSC	1:59.79
Jack Jackson, WOWW	2:00.12
David Torbert, FGSC	2:00.36
500 YD FREESTYLE	
Jack Jackson, WOWW	5:29.68
Bill Reed, TAT	5:33.79
Pat McLaughlin, PB	5:44.20
100 YD BACKSTROKE	
Jack Jackson, WOWW	1:04.72
David Torbert, FGSC	1:05.62
Donny May, GY	1:06.01
100 YD BREASTSTROKE	
Jack Jackson, WOWW	1:14.60
David Torbert, FGSC	1:16.91
Fred Gaines, TAT	1:17.60
100 YD BUTTERFLY	
David Torbert, FGSC	1:00.32
Jack Jackson, WOWW	1:00.53
Donny May, GY	1:03.43
200 YD INDIVIDUAL MEDLEY	
David Torbert, FGSC	2:17.72
Chris Abel, FGSC	2:18.08
Jack Jackson, WOWW	2:21.56

15-18	
50 YD FREESTYLE	
Billy Wells, LAKE	23.77
Bob Gary, TAT	24.29
Alex Fishberg, WOWW	24.44
100 YD FREESTYLE	
Billy Wells, LAKE	52.00
Kurt Weeks, WOWW	52.71
Bruce MacFarlane, BD	53.45
200 YD FREESTYLE	
Billy Wells, LAKE	1:55.37
Steve Metzdorf, PB	1:57.88
Kurt Weeks, WOWW	1:59.00
500 YD FREESTYLE	
Billy Wells, LAKE	5:05.31
Steve Metzdorf, PB	5:13.68
Kurt Weeks, WOWW	5:36.22
100 YD BACKSTROKE	
Billy Wells, LAKE	1:00.62
Mark Gerscovich, TAT	1:01.13
Bruce MacFarlane, BD	1:02.13
100 YD BREASTSTROKE	
Billy Wells, LAKE	1:07.11
Jon Arp, WOWW	1:08.05
Ross Lenhardt, WOWW	1:09.49
100 YD BUTTERFLY	
Billy Wells, LAKE	55.29
Alex Fishberg, WOWW	59.17
Steve Metzdorf, PB	1:00.26
200 YD INDIVIDUAL MEDLEY	
Billy Wells, LAKE	2:11.72
Mark Gerscovich, TAT	2:14.79
Vic LaCombe, TAT	2:15.03

11th ANNUAL MOUNTAINEER SWIM INVITATIONAL Morgantown, W.Va. July 22-24, 1983 25 Yd. Pool

GIRLS	
8 and under	
25 YD FREESTYLE	
B. Kenney, SWNY	18.03
K. Devaul, MSC	29.69
O. Ostrow, MSC	34.36
50 YD FREESTYLE	
B. Kenney, SWNY	44.82
R. Venn, SUNR	1:20.49
25 YD BACKSTROKE	
B. Kenney, SWNY	23.26

S. Mehta, Unat.	31.11
T. Gilson, MSC	32.47
50 YD BACKSTROKE	
B. Kenney, SWNY	57.79
R. Venn, SUNR	1:11.94
T. Gilson, MSC	1:15.08
25 YD BREASTSTROKE	
B. Kenney, SWNY	24.37
K. Devaul, MSC	29.22
W. Thomas, MSC	37.99
50 YD BREASTSTROKE	
B. Kenney, SWNY	57.60
T. Gilson, MSC	1:26.75
25 YD BUTTERFLY	
B. Kenney, SWNY	23.45
K. Goulait, SUNR	39.65
100 YD INDIVIDUAL MEDLEY	
B. Kenney, SWNY	1:54.18

7-8	
25 YD FREESTYLE	
V. Mehanna, CY	14.33
D. Kosich, NAC	15.07
G. Wilson, CY	16.51
50 YD FREESTYLE	
V. Mehanna, CY	32.40
D. Kosich, NAC	35.51
S. Thompson, FAC	36.33
100 YD FREESTYLE	
V. Mehanna, CY	1:14.23
D. Kosich, NAC	1:22.07
S. Thompson, FAC	1:22.79
200 YD FREESTYLE	
V. Mehanna, CY	2:38.91
S. Thompson, FAC	2:58.05
D. Kosich, NAC	2:58.87
25 YD BACKSTROKE	
V. Mehanna, CY	17.46
D. Kosich, NAC	18.69
S. Thompson, FAC	18.80
50 YD BACKSTROKE	
V. Mehanna, CY	38.86
D. Kosich, NAC	41.49
S. Thompson, FAC	41.92
25 YD BREASTSTROKE	
V. Mehanna, CY	19.00
D. Kosich, NAC	20.71
N. Meiaaruo, Unat.	20.77
50 YD BREASTSTROKE	
V. Mehanna, CY	41.45
Melgarejo, CWV	45.01
D. Kosich, NAC	46.79
25 YD BUTTERFLY	
V. Mehanna, CY	15.15
D. Kosich, NAC	15.84
G. Wilson, CY	16.70
50 YD BUTTERFLY	
V. Mehanna, CY	35.82
G. Wilson, CY	39.95
D. Kosich, NAC	40.01
100 YD INDIVIDUAL MEDLEY	
V. Mehanna, CY	1:20.74
D. Kosich, NAC	1:31.93
S. Thompson, FAC	1:36.33

9-10	
50 YD FREESTYLE	
K. Bane, FAC	29.34
M. Varlas, PAC	31.00
C. Robson, SWNY	31.06
100 YD FREESTYLE	
K. Bane, FAC	1:05.55
M. Varlas, PAC	1:06.16
M. Sanchez, JCCS	1:07.73
200 YD FREESTYLE	
M. Varlas, PAC	2:22.56
L. Mehanna, CY	2:23.78
M. Sanchez, JCCS	2:23.84
500 YD FREESTYLE	
M. Varlas, PAC	6:06.20
M. Sanchez, JCCS	6:06.21
A. Goulait, SUNR	6:25.45
50 YD BACKSTROKE	
M. Varlas, PAC	35.97
K. Bane, FAC	36.52
C. Robson, SWNY	37.02
100 YD BACKSTROKE	
L. Mehanna, CY	1:17.95
M. Varlas, PAC	1:18.83
K. Bane, FAC	1:21.79
50 YD BREASTSTROKE	
A. Goulait, SUNR	38.14
K. Bane, FAC	38.47
S. Martha, GYST	41.50
100 YD BREASTSTROKE	
A. Goulait, SUNR	1:22.70

Eastern Swimmer Continued

K. Bane, FAC	1:24.31
M. Varlas, PAC	1:31.66
50 YD BUTTERFLY	
C. Robson, SWNY	33.04
M. Varlas, PAC	33.80
L. Mehanna, CY	34.11
100 YD BUTTERFLY	
C. Robson, SWNY	1:15.94
L. Highlands, SWNY	1:20.54
M. Varlas, PAC	1:20.80
200 YD INDIVIDUAL MEDLEY	
A. Goulaït, SUNR	2:43.36
M. Varlas, PAC	2:44.65
C. Robson, SWNY	2:50.90

11-12	
50 YD FREESTYLE	
J. Esway, GYST	27.74
H. Shirley, BVA	27.93
R. Cornman, CWVSA	28.53
100 YD FREESTYLE	
H. Shirley, BVA	1:00.12
J. Kirby, BVA	1:03.04
S. Rosmus, WYST	1:03.28
200 YD FREESTYLE	
H. Shirley, BVA	2:11.82
J. Kirby, BVA	2:17.91
A. McNally, CWVSA	2:18.76
500 YD FREESTYLE	
H. Shirley, BVA	5:50.22
D. Picklo, JCCS	5:53.91
D. Smith, SWNY	6:09.11
50 YD BACKSTROKE	
J. Esway, GYST	32.16
K. Chopp, SWNY	32.86
J. Kirby, BVA	33.45
100 YD BACKSTROKE	
J. Kirby, BVA	1:00.12
J. Kirby, BVA	1:03.04
S. Rosmus, WYST	1:03.28
50 YD BREASTSTROKE	
J. Esway, GYST	34.27
I. Niedra, SUNR	36.11
H. Shirley, BVA	36.13
100 YD BREASTSTROKE	
L. Niedra, SUNR	1:17.77
S. Harshman, SWNY	1:18.34
H. Shirley, BVA	1:18.80
50 YD BUTTERFLY	
H. Shirley, BVA	30.01
D. Viets, MSC	30.27
K. Chopp, SWNY	30.52
100 YD BUTTERFLY	
J. Esway, GYST	1:06.55
H. Shirley, BVA	1:08.84
K. Chopp, SWNY	1:10.30
200 YD INDIVIDUAL MEDLEY	
J. Esway, GYST	2:25.55
H. Shirley, BVA	2:32.15
S. Harshman, SWNY	2:36.38

13-14	
50 YD FREESTYLE	
K. Blazier, OVY	26.77
B. Mehaulic, SWNY	27.23
S. Anderson, WYST	27.23
100 YD FREESTYLE	
K. Blazier, OVY	59.79
B. Kirby, BVA	1:00.75
S. Anderson, WYST	1:01.12
200 YD FREESTYLE	
K. Blazier, OVY	2:09.51
M. Whittier, MSC	2:12.54
C. Dull, BVA	2:12.79
500 YD FREESTYLE	
K. Blazier, OVY	5:41.67
M. Whittier, MSC	5:43.56
C. Dull, BVA	5:49.67
100 YD BACKSTROKE	
B. Mehaulic, SWNY	1:04.85
K. Blazier, OVY	1:06.52
C. Dull, BVA	1:08.55
200 YD BACKSTROKE	
K. Blazier, OVY	2:25.17
C. Dull, BVA	2:28.21
S. Anderson, WYST	2:30.00
100 YD BREASTSTROKE	
K. Blazier, OVY	1:16.83
H. Porter, OVY	1:18.79
B. Kirby, BVA	1:20.14
200 YD BREASTSTROKE	
K. Blazier, OVY	2:44.82
H. Porter, OVY	2:49.33
W. Wilson, CY	2:54.08
100 YD BUTTERFLY	
K. Blazier, OVY	1:06.76

B. Anderson, WYST	1:07.93
C. Dull, BVA	1:08.16
200 YD BUTTERFLY	
M. Whittier, MSC	2:31.03
W. Wilson, CY	2:35.19
S. Anderson, WYST	2:37.59
200 YD INDIVIDUAL MEDLEY	
K. Blazier, OVY	2:26.58
C. Dull, BVA	2:30.59
S. Anderson, WYST	2:33.09
400 YD INDIVIDUAL MEDLEY	
K. Blazier, OVY	4:57.86
M. Whittier, MSC	5:15.44
C. Dull, BVA	5:20.18

15-18	
50 YD FREESTYLE	
S. Harshman, SWNY	26.07
J. Clarkson, SWNY	26.09
J. Helms, SWNY	26.41
100 YD FREESTYLE	
S. Harshman, SWNY	56.08
J. Clarkson, SWNY	57.97
J. Helms, SWNY	58.71
200 YD FREESTYLE	
S. Harshman, SWNY	2:01.54
J. Helms, SWNY	2:05.05
J. Clarkson, SWNY	2:07.24
500 YD FREESTYLE	
S. Harshman, SWNY	5:34.50
J. Paugh, MSC	5:43.22
K. Pushkin, MSC	5:56.31
100 YD BACKSTROKE	
J. Helms, SWNY	1:04.59
K. Helms, SWNY	1:05.34
J. Clarkson, SWNY	1:05.94
200 YD BACKSTROKE	
J. Helms, SWNY	2:23.31
K. Helms, SWNY	2:26.97
J. Clarkson, SWNY	2:27.21
100 YD BREASTSTROKE	
J. Paugh, MSC	1:15.09
S. Harshman, SWNY	1:15.29
K. Mehaulic, SWNY	1:19.25
200 YD BREASTSTROKE	
J. Paugh, MSC	2:39.60
S. Harshman, SWNY	2:39.91
J. Helms, SWNY	2:51.51
100 YD BUTTERFLY	
J. Clarkson, SWNY	1:02.78
K. Pushkin, MSC	1:05.20
S. Harshman, SWNY	1:06.87
200 YD BUTTERFLY	
J. Clarkson, SWNY	2:23.63
K. Pushkin, MSC	2:24.90
J. Paugh, MSC	2:49.43
200 YD INDIVIDUAL MEDLEY	
S. Harshman, SWNY	2:20.70
J. Clarkson, SWNY	2:26.16
J. Paugh, MSC	2:26.66
400 YD INDIVIDUAL MEDLEY	
S. Harshman, SWNY	5:04.01
J. Paugh, MSC	5:11.71
K. Pushkin, MSC	5:19.11

BOYS	
6 and under	
25 YD FREESTYLE	
T. Walker, NAC	20.42
M. Wardian, FAC	31.25
A. Zundell, CWVSA	38.27
50 YD FREESTYLE	
T. Walker, NAC	46.95
M. Wardian, FAC	1:08.27
A. Zundell, CWVSA	1:29.94
25 YD BACKSTROKE	
T. Walker, NAC	22.69
M. Wardian, FAC	34.59
K. Rush, WYST	35.11
50 YD BACKSTROKE	
T. Walker, NAC	52.36
K. Rush, WYST	1:10.22
M. Wardian, FAC	1:23.86
25 YD BREASTSTROKE	
T. Walker, NAC	24.76
T. Dorsey, CWVSA	25.62
M. Wardian, FAC	35.01
50 YD BREASTSTROKE	
T. Walker, NAC	56.21
M. Wardian, FAC	1:32.41
A. Zundell, CWVSA	1:38.75
25 YD BUTTERFLY	
T. Walker, NAC	22.77
M. Wardian, FAC	38.32
A. Zundell, CWVSA	41.27

100 YD INDIVIDUAL MEDLEY	
T. Walker, NAC	1:51.93
M. Wardian, FAC	2:53.14
A. Zundell, CWVSA	3:17.88

7-8	
25 YD FREESTYLE	
S. Hooks, SUNR	15.03
J. Balko, SWNY	15.44
B. Esway, GYST	15.61
50 YD FREESTYLE	
J. Balko, SWNY	33.78
S. Hooks, SUNR	34.47
T. McNally, CWVSA	36.93
100 YD FREESTYLE	
J. Balko, SWNY	1:15.92
S. Hooks, SUNR	1:19.35
T. McNally, CWVSA	1:22.60
200 YD FREESTYLE	
S. Hooks, SUNR	2:46.99
T. McNally, CWVSA	3:02.38
J. Stafford, MSC	3:11.00
25 YD BACKSTROKE	
S. Hooks, SUNR	18.58
J. Stratford, MSC	18.78
J. Crabtree, WYST	18.90
50 YD BACKSTROKE	
S. Hooks, SUNR	42.57
J. Crabtree, WYST	42.91
J. Balko, SWNY	42.98
25 YD BREASTSTROKE	
J. Balko, SWNY	20.60
S. Hooks, SUNR	20.63
B. Esway, GYST	22.46
50 YD BREASTSTROKE	
J. Balko, SWNY	46.46
S. Hooks, SUNR	47.44
T. McNally, CWVSA	50.75
25 YD BUTTERFLY	
S. Hooks, SUNR	17.29
J. Balko, SWNY	17.49
J. Crabtree, WYST	19.28
50 YD BUTTERFLY	
J. Balko, SWNY	39.11
S. Hooks, SUNR	39.74
B. Esway, GYST	43.62
100 YD INDIVIDUAL MEDLEY	
J. Balko, SWNY	1:26.82
S. Hooks, SUNR	1:28.62
B. Esway, GYST	1:33.03

9-10	
50 YD FREESTYLE	
J. Esway, GYST	29.29
C. Jones, JCCS	29.36
T. Lipski, CY	31.56
100 YD FREESTYLE	
C. Jones, JCCS	1:06.06
L. Ankeny, SWNY	1:09.52
T. Lipski, CY	1:09.83
200 YD FREESTYLE	
C. Jones, JCCS	2:26.59
J. Renton, MSC	2:32.94
T. Lipski, CY	2:33.01
500 YD FREESTYLE	
C. Jones, JCCS	6:19.43
T. Lipski, CY	6:37.07
L. Ankeny, SWNY	6:51.11
50 YD BACKSTROKE	
L. Ankeny, SWNY	37.31
J. Esway, GYST	37.43
C. Jones, JCCS	39.04
100 YD BACKSTROKE	
J. Renton, MSC	1:25.46
J. Cones, JCCS	1:25.65
L. Ankeny, SWNY	1:25.98
50 YD BREASTSTROKE	
J. Esway, GYST	40.57
J. Renton, MSC	40.88
B. Kim, MSC	41.95
100 YD BREASTSTROKE	
J. Kos, SUNR	1:27.74
L. Ankeny, SWNY	1:32.69
T. Lipski, CY	1:32.83
50 YD BUTTERFLY	
T. Lipski, CY	35.42
L. Ankeny, SWNY	35.50
C. Jones, JCCS	35.78
100 YD BUTTERFLY	
T. Lipski, CY	1:21.69
J. Esway, GYST	1:25.03
L. Ankeny, SWNY	1:25.18
200 YD INDIVIDUAL MEDLEY	
J. Esway, GYST	2:47.12
C. Jones, JCCS	2:54.01

T. Lipski, CY	2:54.50
11-12	
50 YD FREESTYLE	
B. Kavolak, WYST	26.43
J. Hermansderfer, SVAC	26.53
D. Sutor, SWNY	27.30
100 YD FREESTYLE	
J. Highlands, SWNY	59.22
D. Sutor, SWNY	59.45
J. Hermansderfer, SVAC	1:00.03
200 YD FREESTYLE	
J. Highlands, SWNY	2:07.64
J. Hermansderfer, SVAC	2:12.89
J. Lininger, SUNR	2:14.10
500 YD FREESTYLE	
J. Highlands, SWNY	5:41.24
J. Hermansderfer, SVAC	5:47.20
B. Walker, NAC	5:53.74
50 YD BACKSTROKE	
J. Highlands, SWNY	31.61
J. Hermansderfer, SVAC	33.29
M. Abar, CY	34.38
100 YD BACKSTROKE	
J. Highlands, SWNY	1:08.12
B. Walker, NAC	1:14.15
E. Kline, FAC	1:15.01
50 YD BREASTSTROKE	
J. Highlands, SWNY	33.50
D. Sutor, SWNY	34.44
J. Hermansderfer, SVAC	35.95
100 YD BREASTSTROKE	
J. Highlands, SWNY	1:11.51
D. Sutor, SWNY	1:16.21
B. Walker, NAC	1:17.35
50 YD BUTTERFLY	
J. Highlands, SWNY	29.77
J. Hermansderfer, SVAC	30.24
E. Kline, FAC	31.13
100 YD BUTTERFLY	
J. Highlands, SWNY	1:04.84
J. Lininger, SUNR	1:10.36
E. Kline, FAC	1:11.98
200 YD INDIVIDUAL MEDLEY	
J. Highlands, SWNY	2:20.44
J. Lininger, SUNR	2:33.41
B. Walker, NAC	2:34.36
13-14	
50 YD FREESTYLE	
M. Roder, MSC	24.44
B. Dowling, CY	25.27
K. Rogers, FAC	25.90
100 YD FREESTYLE	
M. Roder, MSC	53.81
B. Dowling, CY	54.26
J. Kucik, SWNY	56.02
200 YD FREESTYLE	
M. Roder, MSC	1:58.25
B. Dowling, CY	1:58.29
J. Kucik, SWNY	2:01.23
500 YD FREESTYLE	
B. Dowling, CY	5:14.66
M. Roder, MSC	5:14.84
J. Kucik, SWNY	5:24.23
100 YD BACKSTROKE	
B. Dowling, CY	1:00.80
M. Roder, MSC	1:03.48
K. Rogers, FAC	1:07.78
200 YD BACKSTROKE	
B. Dowling, CY	2:09.81
M. Roder, MSC	2:21.84
K. Rogers, FAC	2:28.33
100 YD BREASTSTROKE	
B. Dowling, CY	1:06.87
M. Roder, MSC	1:08.13
J. Corbetti, SUNR	1:11.08
200 YD BREASTSTROKE	
B. Dowling, CY	2:27.00
M. Roder, MSC	2:31.01
J. Corsetti, SUNR	2:36.97
100 YD BUTTERFLY	
B. Dowling, CY	59.04
M. Roder, MSC	1:01.31
J. Corsetti, SUNR	1:02.44
200 YD BUTTERFLY	
B. Dowling, CY	2:15.45
J. Corsetti, SUNR	2:19.16
M. Roder, MSC	2:21.14
200 YD INDIVIDUAL MEDLEY	
B. Dowling, CY	2:09.33
M. Roder, MSC	2:13.99
J. Kucik, SWNY	2:24.87
400 YD INDIVIDUAL MEDLEY	
B. Dowling, CY	4:32.42

Eastern Swimmer Continued

M. Roder, MSC 4:48.57
 J. Corsetti, SUNR 5:02.02

15-18

50 YD FREESTYLE
 M. Rollins, MSC 23.01
 D. Amato, MSC 23.37
 W. Coleman, MSC 23.47

100 YD FREESTYLE
 J. Fisher, MSC 50.67
 W. Coleman, MSC 50.91
 M. Rollins, MSC 51.54

200 YD FREESTYLE
 W. Coleman, MSC 1:51.80
 M. Rollins, MSC 1:52.39
 D. Amato, MSC 1:52.85

50 YD BUTTERFLY
 W. Coleman, MSC 5:02.36
 J. Fisher, MSC 5:11.29
 M. Rollins, MSC 5:14.23

100 YD BACKSTROKE
 Kevin Batey, MSC 59.77
 M. Rollins, MSC 1:01.29
 D. Amato, MSC 1:01.31

200 YD BACKSTROKE
 Kevin Batey, MSC 2:09.94
 M. Rollins, MSC 2:12.77
 J. Fisher, MSC 2:14.91

100 YD BREASTSTROKE
 D. Amato, MSC 1:06.06
 Ken Batey, MSC 1:07.40
 M. Rollins, MSC 1:08.95

200 YD BREASTSTROKE
 Ken Batey, MSC 2:27.39
 C. Ashton, FAC 2:29.83
 W. Coleman, MSC 2:32.25

100 YD BUTTERFLY
 M. Rollins, MSC 54.36
 J. Fisher, MSC 57.12
 W. Coleman, MSC 58.38

200 YD BUTTERFLY
 D. Amato, MSC 2:11.35
 W. Coleman, MSC 2:12.04
 M. Rollins, MSC 2:12.13

200 YD INDIVIDUAL MEDLEY
 Kevin Batey, MSC 2:10.87
 W. Coleman, MSC 2:11.90
 M. Rollins, MSC 2:13.19

400 YD INDIVIDUAL MEDLEY
 W. Coleman, MSC 4:38.11
 J. Fisher, MSC 4:39.80
 M. Rollins, MSC 4:41.75

SOUTH JERSEY

SWIM LEAGUE CHAMPIONSHIPS
 Medford, N.J.
 July 30, 1983 25 M. Pool

GIRLS

8 and under
25 M FREESTYLE
 J. Holter, MRA 19.34
 B. Michale, MRA 20.02
 E. Gregory, ASC 20.27

25 M BACKSTROKE
 J. Holter, MRA 24.22
 E. Gregory, ASC 25.38
 J. Marangos, MRA 25.68

25 M BREASTSTROKE
 J. Glenn, MRA 24.05
 M. Richards, TCS 25.64
 A. Pociño, BW 25.85

25 M BUTTERFLY
 J. Holter, MRA 23.70
 B. Kravitz, MVC 24.90
 J. Glenn, MRA 25.50

10 and under

50 M FREESTYLE
 C. Baird, MRA 36.83
 C. Laskey, OC 37.38
 S. DiCiano, BW 37.53

25 M BACKSTROKE
 C. Laskey, OC 19.17
 C. Baird, MRA 20.14
 S. DiCiano, BW 21.17

25 M BREASTSTROKE
 B. Pontari, MRA 20.58
 M. Tucci, MRA 21.72
 J. Foster, ASC 23.39

25 M BUTTERFLY
 C. Laskey, OC 17.57
 S. DiCiano, BW 18.02
 C. Baird, MRA 18.82

12 and under

50 M FREESTYLE
 J. Crawford, ASC 33.08
 C. Johnson, MRA 33.40
 M. Backer, CSC 33.68

50 M BACKSTROKE
 D. Torpey, TSC 40.14
 T. Onufer, OC 40.69
 J. Andronici, CSC 42.14

50 M BREASTSTROKE
 C. Goodman, MRA 43.42
 T. Onufer, OC 44.43
 J. Devine, ASC 44.70

50 M BUTTERFLY
 D. Torpey, TSC 35.33
 J. Devine, ASC 35.68
 C. Johnson, MRA 35.81

14 and under

100 M FREESTYLE
 M. Huemer, OC 1:06.72
 L. Grygotis, ASC 1:07.95
 D. Meyn, ASC 1:08.92

50 M BACKSTROKE
 G. Torpey, TSC 37.39
 K. Kiker 38.86
 J. Wichser 39.97

50 M BREASTSTROKE
 S. Simpson, MRA 40.79
 J. Paprocki, ASC 41.05
 M. Garrett, OC 42.07

50 M BUTTERFLY
 M. Huemer, OC 32.42
 C. Steger, BW 33.10
 G. Torpey, TSC 35.09

100 M INDIVIDUAL MEDLEY
 M. Huemer, OC 1:17.63
 L. Grygotis, ASC 1:19.68
 S. Simpson, MRA 1:22.42

18 and under

100 M FREESTYLE
 K. Backer, OC 1:07.84
 J. Paprocki, ASC 1:12.63
 B. Morgan, ASC 1:14.59

50 M BACKSTROKE
 M. Torpey, TSC 36.35
 K. Backer, CSC 37.49
 B. Morgan, ASC 38.16

50 M BREASTSTROKE
 R. Simpson, MRA 38.57
 K. Dugan, CSC 40.63
 J. Paprocki, ASC 41.12

50 M BUTTERFLY
 R. Simpson, MRA 32.52
 M. Torpey, TSC 36.31
 K. Dugan, CSC 36.32

100 M INDIVIDUAL MEDLEY
 R. Simpson, MRA 1:15.08
 K. Backer, OC 1:22.21
 K. Dugan, CSC 1:24.77

BOYS

8 and under
25 M FREESTYLE
 M. Hamilton, MRA 17.44
 H. Muzslay, OC 17.64
 T. Devine, ASC 17.67

25 M BACKSTROKE
 M. Hamilton, MRA 21.48
 H. Muzslay, OC 22.92
 K. Richards, OC 25.45

25 M BREASTSTROKE
 T. Devine, ASC 24.97
 K. Richards, OC 26.27
 Margagliano, OC 27.23

25 M BUTTERFLY
 M. Hamilton, MRA 19.00
 H. Muzslay, OC 19.08
 T. Devine, ASC 19.95

10 and under

50 M FREESTYLE
 M. Simpson, MRA 33.56
 S. Wise, CSC 34.81
 J. Carr, ASC 35.07

25 M BACKSTROKE
 J. Carr, ASC 19.12
 S. Wise, CSC 19.15
 T. Carr, MRA 19.57

25 M BREASTSTROKE
 M. Simpson, MRA 19.66
 R. Turner, BW 20.71
 D. Strosnider, CSC 21.50

25 M BUTTERFLY
 J. Carr, ASC 17.08

M. Simpson, MRA 17.29
 R. Turner, BW 18.36

12 and under

50 M FREESTYLE
 B. Genieccki, MRA 31.94
 S. Ayers, BW 32.33
 M. Nicely, OC 32.57

50 M BACKSTROKE
 S. Ayers, BW 39.01
 T. Laughlin, BW 40.21
 J. Kinkle, MRA 40.80

50 M BREASTSTROKE
 E. Broderick, OC 36.50
 J. Kinkle, MRA 41.63
 R. Murawczyk, CW 42.44

50 M BUTTERFLY
 E. Broderick, OC 33.30
 B. Genieccki, MRA 37.65
 J. Kinkle, MRA 37.95

100 M INDIVIDUAL MEDLEY
 E. Broderick, OC 1:13.99
 B. Genieccki, BW 1:24.09
 S. Ayers, BW 1:25.72

14 and under

100 M FREESTYLE
 D. Dixon, MRA 1:15.02
 J. Mucciarone, MRA 1:06.31
 B. Harris, BW 1:10.19

50 M BACKSTROKE
 M. Rollo, CSC 33.71
 P. Cramer, TSC 36.55
 M. Carr, MRA 37.49

50 M BREASTSTROKE
 B. Balsley, MRA 37.10
 T. McAteer, BW 38.44
 B. Harris, BW 38.54

50 M BUTTERFLY
 M. Rollo, CSC 31.98
 Breidenstein, MRA 32.91
 D. Baird, MRA 33.37

100 M INDIVIDUAL MEDLEY
 M. Rollo, CSC 1:12.10
 D. Dixon, MRA 1:15.10
 B. Harris, BW 1:18.85

18 and under

100 M FREESTYLE
 E. Kay, ASC 59.03
 N. Leonard, OC 1:01.45
 K. Emig, ASC 1:01.72

50 M BACKSTROKE
 K. Emig, ASC 31.70
 N. Schiavo, MRA 32.04
 C. Mench, MRA 34.88

50 M BREASTSTROKE
 C. Godfrey, MRA 35.87
 E. Kay, ASC 36.38
 C. Mench, MRA 36.81

50 M BUTTERFLY
 R. Astle, OC 29.60
 J. Durkin, CSC 29.60
 T. Carr, MRA 30.40

100 M INDIVIDUAL MEDLEY
 E. Kay, ASC 1:10.32
 M. Schiavo, MRA 1:10.50
 T. DiPritzo, MRA 1:10.60

3rd ANNUAL DARIEN LAKE

B-C SWIM MEET

Darlen, N.Y.
 July 30, 1983 25 Yd. Pool

TEAM STANDINGS

West Irondequoit 161 1/2
 Pembroke 159
 Amherst 128

HIGH POINT WINNERS

Girls
 Sarkah Dokken, AMSC 8-under
 Michelle Stevens, PEMB 9-10
 Deborah Bater, FAIR;
 Lisa Scipioni, GRSC and
 Elizabeth Kusmierczyk, CHSC 11-12
 Mo Monaghan, GRSC 13-14
 Beth Hurry, WISC Open

Boys
 Jeremy Maneyapanda, KTYM 8-under
 Bob Lorenz, CHSC 9-10
 Bryan Woodruff, PEMB 11-12
 Robert Hermetet, FAIR 13-14
 Glenn Mancuso, MCCM and
 Matt Fix, AUAQ Open

GIRLS

8 and under
25 YD FREESTYLE
 Sarah Dokken, AMSC 16.72
 Kristen Brown, GGSC 16.99
 Ann Girvin, AUAQ 17.18

50 YD FREESTYLE
 Ann Girvin, AUAQ 37.45
 Sarah Dokken, AMSC 38.06
 Alissa Venturini, GISC 38.08

25 YD BACKSTROKE
 Sarah Dokken, AMSC 20.83
 Ann Girvin, AUAQ 20.91
 Josephine Cordero, AMSC 20.96

25 YD BREASTSTROKE
 Sarah Dokken, AMSC 22.34
 Becky Keech, EISC 22.59
 Jenny Soper, GDSC 23.53

25 YD BUTTERFLY
 Sarah Dokken, AMSC 17.71
 Kristen Brown, GGSC 18.82
 Josephine Cordero, AMSC 20.26

9-10

50 YD FREESTYLE
 Chandra Flahive, GGSC 33.60
 Michelle Stevens, PEMB 34.23
 Christine Robinson, WISC 35.53

100 YD FREESTYLE
 Michelle Stevens, PEMB 1:14.85
 Chandra Flahive, GGSC 1:17.48
 Kristin Kelly, VICT 1:18.45

50 YD BACKSTROKE
 Michelle Stevens, PEMB 40.36
 Chandra Flahive, GGSC 41.01
 Christine Robinson, WISC 42.08

50 YD BREASTSTROKE
 Michelle Stevens, PEMB 44.32
 Kristen Kelly, VICT 45.09
 Michele Seither, GGSC 45.12

50 YD BUTTERFLY
 Michelle Stevens, PEMB 37.78
 Mary Farragut, WISC 43.86
 Christine Robinson, WISC 44.08

11-12

50 YD FREESTYLE
 Elizabeth Kusmierczyk, CHSC 30.63
 Mary Coleman, TCSC 31.13
 Jennifer Samp, FAIR 31.33

100 YD FREESTYLE
 Deborah Bater, FAIR 1:06.72
 Lisa Scipioni, GRSC 1:07.94
 Dana Anello, GISC 1:07.96

50 YD BACKSTROKE
 Deborah Bater, FAIR 36.02
 Elizabeth Kusmierczyk, CHSC 36.03
 Lisa Scipioni, GRSC 36.21

50 YD BREASTSTROKE
 Cory Robinson, WISC 39.42
 Jennifer Stevens, PEMB 39.64
 Patty Colucci, AMSC 40.00

50 YD BUTTERFLY
 Darlene Muir, PEMB 34.05
 Lisa Scipioni, GRSC 34.93
 Cheryl Banks, AMSC 35.15

13-14

50 YD FREESTYLE
 Jen Fosegan, TCSC 29.10
 Mo Monaghan, GRSC 29.17
 Lisa Robinson, WISC 29.90

100 YD FREESTYLE
 Tracy Monks, GGSC 1:03.10
 Mo Monaghan, GRSC 1:03.33
 Lori Bak, PEMB 1:04.42

100 YD BACKSTROKE
 Lisa Strnisha, WISC 1:14.05
 Amy Reardon, AUAQ 1:15.34
 Jen Fosegan, TCSC 1:15.72

100 YD BREASTSTROKE
 Mo Monaghan, GRSC 1:21.51
 Lisa Robinson, WISC 1:23.65
 Zoe Mellor, Unat. 1:25.08

100 YD BUTTERFLY
 Amy Wooding, GRSC 1:10.40
 Becky Fix, AUAQ 1:12.88
 Kim Kostrubanic, PEMB 1:14.71

Open

50 YD FREESTYLE
 Kim Onetto, PEMB 29.23
 Beth Hurry, WISC 29.24
 Karin Mihal, FAIR 29.24

100 YD FREESTYLE
 Eileen Consadine, WISC 1:02.06

DeFORREST MASTERS THE 50

On Aug. 26-27, 1883, the volcano Krakatoa exploded. The eruption created what many experts regard as the greatest roar in human history, heard for a distance of 3,000 miles, and it sent 135-foot waves racing across the ocean at speeds in excess of 300 m.p.h., wreaking havoc and leaving destruction in their wake.

Precisely 100 years later, on Aug. 25-28, 1983, in the somewhat less exotic confines of Indianapolis, another explosion was heard, and from its inland location it sent shock waves rippling throughout the world of Masters swimming. The occasion was the 1983 U.S. Long Course National Masters Swimming Championships. The place was the Indiana University Natatorium, site of the 1984 U.S. Olympic Trials.

The magnificent new IUPUI facility bills itself as the fastest pool in the world, and by the time the meet was over, few were willing to quarrel with that claim. The four-day event attracted some 1,000 Masters swimmers, representing 113 clubs, from throughout the United States and nine foreign countries, including Canada, Great Britain, France, West Germany, Peru, Ecuador, Venezuela, Japan and South Korea. When the last event had been swum, the record book lay in shambles, as more than 120 national Masters records disappeared beneath the rolling waves.

Many of the performances at Indy can only be described as incredible. Sandy Nielson, Fred Schlicher, Virgil Luken, Manny Sanguily, Bill Yorzyk, Kelley Lemmon and several others ripped off performances that legitimately belong in the incredible category. But without a doubt, the most fantastic swim of them all was the 50 meter freestyle sprint swim



Kevin DeForrest has continued his swimming prowess since college days by turning in the fastest 50 meter freestyle this year (22.59).

by Kevin DeForrest leading off the St. Louis Masters' freestyle relay.

Earlier in the meet, DeForrest had devastated Joe Bottom's national record of 23.89 in winning the men's 25-29 50 free with a stunning 22.98. In leading off the relay, however, the 6-6 DeForrest exploded off the blocks and touched in an awesome 22.59.

How fast is 22.59? It ties with Robin Leamy's swim as the fastest time in the world this year, the third-fastest of all time, and only .05 off Robin Leamy's 1981 American record and world best time of 22.54. In other words, less than four inches separated a Masters swimmer from bettering a world record. Inevitably, the day will come when a Masters swimmer breaks a world mark, presenting U.S. Swimming and FINA with an interesting dilemma.

Outstanding performances were turned in by men and women in almost every age group. But, as usual, there was much more depth in some age groups than others. The women's 25-29 and 30-34 and the men's 30-34, 35-39, 40-44, 45-49 and

50-54 divisions were particularly tough.

Fred Schlicher (NEM) turned in what may have been the best all-around performance in perhaps the toughest age group of all, the men's 35-39 division. When "Fast Freddy" turned 35 last June, the groans could be heard from coast to coast. They were justified. The former SMU standout won six events, setting national records in all six: 100 free (55.38), 200 free (2:00.45), 400 free (4:21.98), 100 fly (58.59), 200 fly (2:12.91) and 400 IM (4:59.66). The 200 free and 100 fly times are faster than the records in the 30-34 age group. The men's 35-39 division also witnessed the closest event of the meet—a three-way tie in the 50 free (26.10) among Richard Bauschard (OHIO), Rod Cargill (TROJ) and Tom Meehan (WISC).

The men's 40-44 competition featured both outstanding swims and depth. The former is illustrated by the performances of Tim Garton (RMM) and Virgil Luken (MINN); the latter, by what happened in the 50 back. Garton won five events, four in record time, including the 50 and 100 free, in 25.25 and 56.36, respectively. Luken simply destroyed all three breaststroke records. Until the year 1961 B.J. (Before Jastremski) the world record for the men's 100 breast stood at 1:11.5. The American record was considerably slower. At Indianapolis, the 40-year-old Luken stroked an astounding 1:11.58. As for depth, in 1982 Dave Hershey (LONE) won the 50 back in 32.16. In 1983 he duplicated his time, right down to the hundredth of a second—and finished seventh.

Sandy Nielson (WSM) became the first female Masters swimmer to crack the one-minute barrier for the 100 free, clocking 59.62 to win the women's 25-29 race. In the same age group, Melinda Whitcomb (MICH) ▶

About the Author

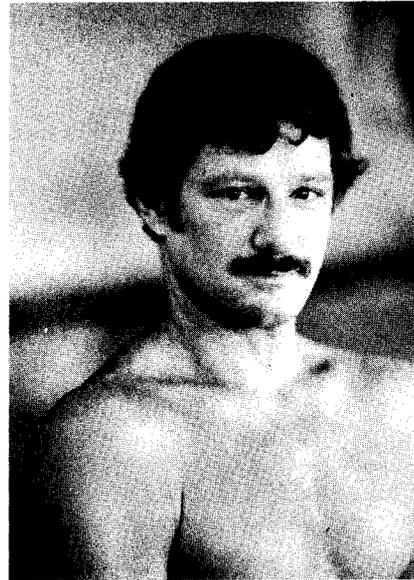
Phillip Whitten, author, sociologist and anthropologist, is a member of the New England Masters Swim Club.



(Photo by Lloyd Osborne)



(Photo by Lloyd Osborne)



(Photo by Stuart Garfield)

set four records while Barbara Held (MARI) and Michele Falls (TJC) set three apiece. Falls' 100 back (1:08.44), Held's 100 fly (1:07.06) and Whitcomb's 50 breast (35.80) were particularly impressive.

In the men's 25-29 division, DeForrest attempted to sweep all four 50 meter sprints. He almost made it. In the 50 back, however, he was beaten by Tom Wolf (DCM), who touched in a record 27.98. Wolf also set records in the 100 (1:00.30) and 200 (2:13.74) dorsal events. In the same age group, 1976 Olympic champ Jim Montgomery won the 100 and 200 free in 52.45 and 1:57.18, well off his 1981 marks of 51.23 and 1:53.78.

Ardeth Mueller (STL) won six events, four in record time, in the women's 40-44 competition, while Ginger Pierson (OREG) and the Johnsons—Carolyn and Lucy—dominated the women's 35-39 division. The incomparable Gail Roper (Unat.), swimming with a knee injury, still managed to chalk up six wins in the 50-54 age group, while in the 55-59 age group, Clara Lamore Walker (NEM) duplicated this feat, recording three records in the process.

The men's 50-54 division saw a succession of standout performances. Don Hill (TOC) was a triple winner, with records in the 50 (26.16) and 100 free (59.25), while another Don—Don Hill (WCM)—



(Photo by Lloyd Osborne)

Records were plentiful at Indy: Kelley Lemmon (top left, clockwise) set six; Joan Osborne bettered two; author Phil Whitten tallied one and Jim Welch succeeded in six.

won four events, including all three backstrokes in record time.

Bill Yorzyk (NEM) and Manny Sanguily (MMNY) provided the rest of the fireworks. Yorzyk, the 1956 gold medalist in the 200 fly, set three records in winning four events, including the 100 (1:07.13) and 200 fly (2:33.79). His time in the latter race was faster than his first national AAU championship for the event almost 30 years previously.

Sanguily, former Cuban and U.S. national champion, established himself as the fastest breaststroker in the world over the age of 50, as he

clocked record-breaking wins of 33.85 for the 50, 1:16.50 for the 100 and 2:53.76 for the 200. In the latter race he was pushed to his limit by none other than a determined Bill Yorzyk, who also broke the old mark with a 2:55.71.

Other superb women's performances were turned in by Barbara Church (MICH), Alice Belknap (PLNT) and Susie Chandler (OAK) in the 30-34 division; Charlotte Costello (MMNY), with six wins and three 60-64 records; and Joan Osborne (HUMU), who established two new 65-69 records while winning four events.

For the men, Jim McConica (MARI) and Peter O'Keeffe (MMNY) won five and four events, respectively, in the 30-34 age group. When they clashed in the 200 IM they wound up in a tie for first at 2:20.35. Other men's top performances came from Ed Hinshaw (TOC), a six-event winner in the 45-49 age group; Bob Heretier (MICH), with two records, Win Wilson (NEM) with four and Ted Haartz (NEM) with three, including a 1:22.57 for the 100 breast, in the 55-59 division; Jim Welch (HUMU) and Paul Krup (OHIO), with five records each in the 65-69 competition; and Kelley Lemmon (DCM), who resumed his one-man assault on the 70-74 record book by winning all six of his races in record time.



Bill Yorzyk (left) and Manuel Sanguily battled each other in the 50-54 age group. Sanguily set all three breaststroke records, while Yorzyk set new marks in the 100-200 meter fly and the 200 IM.

Next year's Long Course Nationals will be held in North Carolina. The only sure thing is that 1984 will be even faster than 1983. The winners were as follows:

WOMEN

25-29—Melinda Whitcomb (MICH): 50 meter free, 27.38* (relay leadoff); 100 back, 35.80*; 100 breast, 1:21.13; 50 fly, 30.19*; 200 IM, 2:35.55. Barbara Held (MARI): 400 free, 4:43.31*; 1500 free, 18:37.62; 100 fly, 1:07.06*; 100 back, 1:08.44*; 200 back, 2:32.37*. Sandy Neilson (WSM): 50 free, 27.46; 100 free, 59.62; 200 free, 2:13.71. Jean Tracy (LOL): 200 breast, 2:55.88. Sidney Swayman (LOL): 400 IM, 5:39.68.

30-34—Barbara Church (MICH): 50 back, 33.90 (33.42* relay leadoff); 100 back, 1:13.61; 200 back, 2:42.82. Susanne Chandler (OAK): 100 fly, 1:10.15; 200 fly, 2:35.50; 200 IM, 2:43.55. Alice Belknap (PLNT): 50 breast, 36.69*; 100 breast, 1:22.30*. Lucinda Deaver (GIM): 50 free, 28.84 (28.20* relay leadoff); 100 free, 1:04.41. Maryann Stevens (GIM): 1500 free, 19:40.14*; 400 IM, 5:46.14. Dot Wise (MDM): 200 free, 2:24.47; 400 free, 5:03.27. Nancy Harris (SBM): 200 breast, 3:01.70*. Karen Shedron (GIM): 50 fly, 31.31.

35-39—Carolyn Ferris-Johnson (LAM): 50 free, 29.03*; 100 free, 1:04.25; 200 free, 2:24.53; 400 free, 5:11.24. Ginger Pierson (OREG): 50 breast, 37.04*; 100 breast, 1:24.02*; 200 breast, 3:05.62*. Lucy Johnson (WSM): 100 fly, 1:12.29*; 200 fly, 2:47.31*; 200 IM, 2:47.51. Carol Chidester (CHES): 100 back, 1:19.64; 200 back, 2:51.11*; 400 IM, 6:02.74. Carrie Thornthwaite (NASH): 1500 free, 21:39.41. Sharon Wise (GIM): 50 back, 37.33. Janet Gettling (SWM): 50 fly, 32.50.

40-44—Ardeth Mueller (STL): 200 free, 2:26.62*, 400 free, 5:11.25; 100 fly, 1:15.18; 200 fly, 2:52.70*, 200 IM, 2:49.29; 400 IM, 5:57.25*. Joann Leilich (DCM): 50 breast, 40.53*; 100 breast, 1:29.88*; 200 breast, 3:13.84*. Nancy Ridout (TAMA): 50 free, 30.19; 100 free, 1:07.52*; 50 fly, 33.16. Betty Bennett (LOL): 100 back, 1:22.30; 200 back, 2:57.53*. Jane Katz (MMNY): 1500 free, 20:42.11*. Barbara Fridt (ORE): 50 back, 37.76.

45-49—Jayne Bruner (YPIP): 50 free, 31.54; 50 breast, 39.88*; 100 breast, 1:31.78; 200 breast, 3:31.80; 50 fly, 34.07; 100 fly, 1:21.71. Helen Buss (STL): 100 free, 1:15.11; 200 free, 2:45.23; 400 free, 5:39.55; 1500 free, 22:06.89; 200 fly, 3:13.49; 400 IM, 6:42.27. Mae Gray (PCL-Canada): 50 back, 39.71; 100 back, 1:29.43; 200 back, 3:14.86. Susan Cox (LEX): 200 IM, 3:10.99.

50-54—Gail Roper (UNAT): 100 breast, 1:36.58; 200 breast, 3:32.49; 100 fly, 1:27.21; 200 fly, 3:18.03; 200 IM, 3:06.10; 400 IM, 6:41.08. Joan McIntyre (NEM): 200 free, 3:11.69; 400 free, 6:35.32; 1500 free, 27:21.71. Joan

Campbell (SCAR-Canada): 50 back, 42.12; 100 back, 1:32.89; 50 fly, 40.99. Shirley Scott (GIM): 50 free, 40.17. Penny Boorman (JMST): 100 free, 1:37.06. June Gravener (CONN): 200 back, 3:31.30. Sylvia Eisele (ETOB-Canada): 50 breast, 45.69.

55-59—Clara Walker (NEM): 50 free, 34.09; 50 back, 39.44 (39.00* relay leadoff); 100 back, 1:27.61; 50 breast, 43.82*; 100 breast, 1:40.85; 200 IM, 3:11.30*. June Krauser (GCM): 200 breast, 3:57.89; 100 fly, 1:39.87; 200 fly, 3:33.54*; 400 IM, 7:20.16. Florence Carr (UNAT): 200 free, 3:03.29; 400 free, 6:25.28; 50 fly, 42.16. Betty Rous (OHIO): 100 free, 1:21.45; 1500 free, 25:41.51. Bobbi Turcotte (LOL): 200 back, 3:34.30.

60-64—Charlotte Costello (MMNY): 50 breast, 45.86*; 100 breast, 1:43.73*; 200 breast, 3:54.87*; 50 fly, 42.73; 100 fly, 1:43.64; 400 IM, 7:57.03. Margaret Morrison (SPRD): 200 free, 3:13.41; 400 free, 6:50.51; 1500 free, 27:16.57; 200 back, 3:41.01*. Dorothy Donnelly (CONN): 50 free, 37.88; 100 free, 1:25.32; 200 IM, 3:52.37. Jeanne Merryman (MAM): 50 back, 47.68; 100 back, 1:42.02*. Zada Taft (SMM): 200 fly, 4:45.68.

65-69—Joan Osborne (HUMU): 200 free, 3:29.77; 400 free, 7:30.70; 50 fly, 52.07*; 200 IM, 4:03.97*. Gertrud Zint (LOL): 50 breast, 49.90; 100 breast, 1:50.29*; 200 breast, 4:12.69. Nancy Clark (DCM): 50 free, 41.22; 100 free, 1:36.55; 1500 free, 32:41.77. Janet Mulligan (OHIO): 50 back, 48.91. Lorraine Murphy (DCM): 100 back, 1:53.59. Yvonne Frischertz (GWSM): 200 back, 4:03.35. Audrey Etienne (SMM): 100 fly, 2:17.26. Pat Matthiesen (SMM): 200 fly, 4:58.61. Kay Schimpf (SPRD): 400 IM, 9:28.41.

70-74—Win Kennedy (SPRD): 50 free, 46.28; 100 free, 1:52.88; 50 fly, 58.94; 100 fly, 2:23.96; 200 IM, 4:53.24; 400 IM, 10:20.01. Madeleine Miller (MAM): 50 back, 1:00.23; 100 back, 2:12.49; 50 breast, 1:05.08; 100 breast, 2:23.67. Elsa Mattila (NAM): 200 back, 4:36.81; 200 breast, 5:07.02; 200 fly, 5:46.86. Helen Offenhauser (CONN): 400 free, 8:41.88; 1500 free, 33:55.28. Julia Dolce (SPRD): 200 free, 4:13.65.

75-79—Sally Scott (GCM): 50 back, 1:10.42; 100 back, 2:34.76; 200 back, 5:31.51; 200 fly, 1:04.05; 200 IM, 7:00.91; 400 IM, 14:23.52. Ruth Switzer (SCM): 50 free, 52.98; 100 free, 1:55.20*; 200 free, 4:10.57*; 400 free, 8:48.46; 1500 free, 34:24.50*. Audra Gibbs (GIM): 50 breast, 2:10.52.

80-84—Ella Peckham (WCM): 50 free, 1:05.43; 50 back, 1:09.50; 200 back, 5:47.09*; 50 breast, 1:29.99*; 50 fly, 1:35.14; 400 IM, 13:42.24*. Anna Bauscher (MAM): 200 free, 6:00.09; 100 back, 2:55.53; 200 IM, 8:31.59.

MEN

25-29—Tom Wolf (DCM): 50 back, 27.98*; 100 back, 1:00.30*; 200 back, 2:13.74*; 200 IM, 2:16.76; 400 IM, 4:56.80. Kevin DeForrest (STL): 50 free, 22.98 (22.59* relay leadoff); 50 breast, 31.09; 50 fly, 25.16. Rob Copeland (NEBR): 400 free, 4:15.37*; 1500 free, 17:07.30. Jim Montgomery (LONE): 100 free, 52.45; 200 free, 1:57.18. Robert Hansen (DCM): 100 breast, 1:12.31; 100 fly,

59.72. Bob Yant (LOL): 200 breast, 2:45.95. Richard Schackle (LOL): 200 fly, 2:18.02.

30-34—Jim McConica (MARI): 50 free, 24.51; 100 free, 55.56; 200 free, 2:00.55*; 400 free, 4:16.32*; 200 IM, 2:20.35; 400 IM, 4:59.05*. Peter O'Keefe (MMNY): 50 back, 28.98; 100 back, 1:02.21; 200 back, 2:17.20*; 200 IM, 2:20.35. Chet Miltenberger (FLA): 50 breast, 31.08; 100 breast, 1:10.49; 100 fly, 1:00.87. Robert Thomas (GIM): 50 back (relay leadoff): 28.88*. Kevin Polansky (RMM): 1500 free, 17:24.12. Clay Kolar (LOL): 200 breast, 2:37.99. John Foote (TOC): 50 fly, 26.99. David Tanner (GIM): 200 fly, 2:25.06.

35-39—Fred Schlicher (NEM): 100 free, 55.38*; 200 free, 2:00.45*; 400 free, 4:21.98*; 100 fly, 58.59*; 200 fly, 2:12.91*; 400 IM, 4:59.66*. Rod Cargill (TROJ): 50 free, 26.10; 50 breast, 32.70; 100 breast, 1:13.53. Tod Spieker (TOC): 100 back, 1:06.79; 200 back, 2:23.87; 200 IM, 2:27.01. Peter Wisner (PASA): 200 breast, 2:43.30*. Richard Bauschard (OHIO): 50 free, 26.10. Thomas Meehan (WISC): 50 free, 26.10. Bill Babcock (CONN): 1500 free, 18:09.30. Jim Beglinger (TOC): 50 back, 31.31. Robin Kleffman (MINN): 50 fly, 28.68.

40-44—Tim Garton (RMM): 50 free, 25.25*; 100 free, 56.36*; 200 free, 2:08.06*; 100 fly, 1:02.67; 200 IM, 2:23.78*. Virg Luken (MINN): 50 breast, 32.39*; 100 breast, 1:11.58*; 200 breast, 2:43.01*. Richard Burns (TAMA): 100 back, 1:07.73*; 200 back, 2:30.58*. Allan Cartwright (TOC): 200 fly, 2:33.94; 400 IM, 5:30.68. Phil Whitten (NEM): 30.57 (29.94* relay leadoff). Keefe Ludwig (Unat.): 50 fly, 27.56*. Jim Crane (DADS): 400 free, 4:40.64. Alan Somers (GIM): 1500 free, 19:34.82.

45-49—Ed Hinshaw (TOC): 100 free, 59.39; 200 free, 2:10.32; 400 free, 4:39.12; 1500 free, 18:34.73*; 200 back, 2:35.57*; 200 breast, 2:58.31. Tony Tashnick (MICH): 100 fly, 1:07.22; 200 fly, 2:45.48; 200 IM, 2:38.52; 400 IM, 5:42.91. Patrick Ferguson (GRIM): 50 back, 32.61; 100 back, 1:12.91. Nestor Miyares (GCM): 50 breast, 35.95; 100 breast, 1:22.31. David Costill (GIM): 50 free, 26.55. John McGill (VAM): 50 fly, 29.32.

50-54—Don Brown (WCM): 50 back, 32.78*; 100 back, 1:12.32*; 200 back, 2:39.75*; 400 IM, 5:56.87. Bill Yorzyk (NEM): 50 fly, 30.12; 100 fly, 1:07.13*; 200 fly, 2:33.79*; 200 IM, 2:40.16*. Don Hill (TOC): 50 free, 26.16*; 100 free, 59.25*; 200 free, 2:18.30*. Manuel Sanguily (MMNY): 50 breast, 33.85*; 100 breast, 1:16.50*; 200 breast, 2:53.76*. Frank Jeffries (MICH): 400 free, 5:11.22; 1500 free, 20:38.69.

55-59—Win Wilson (NEM): 200 free, 2:26.31*; 400 free, 5:16.83*; 1500 free, 21:28.64*; 50 fly, 32.66; 100 fly, 1:14.20*. Ted Haartz (NEM): 50 breast, 37.48*; 100 breast, 1:22.57*; 200 breast, 3:13.66. Charles Moss (MICH): 200 fly, 3:04.49*; 200 IM, 2:50.42*; 400 IM, 6:20.32. Bob Heretier (MICH): 50 free, 27.43*; 100 free, 1:04.38*. Rube Wolf (TROJ): 50 back, 35.00; 100 back, 1:20.53; Irving Katz (NEM): 200 back, 2:54.14.

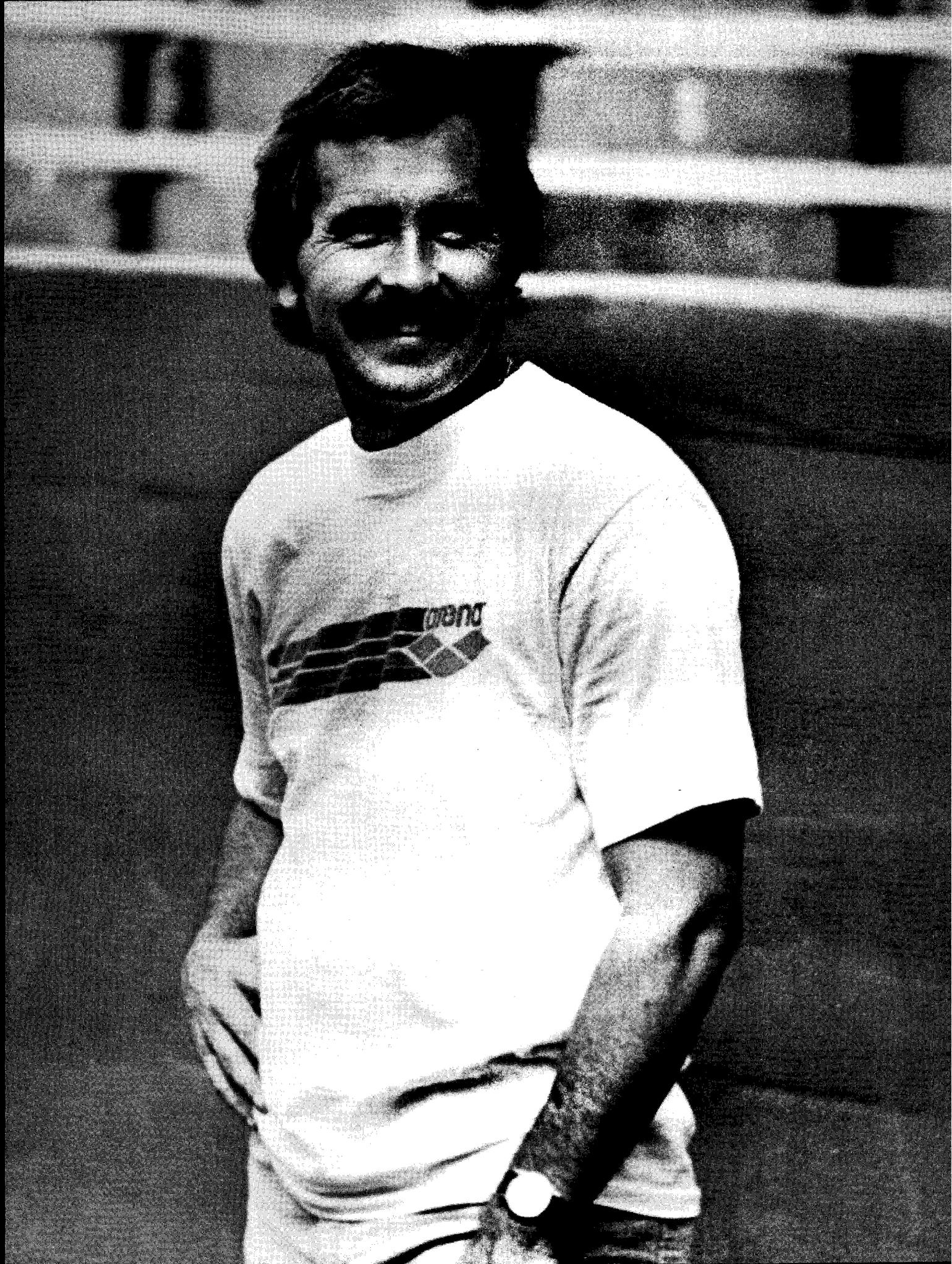
60-64—Ray Taft (SMM): 400 free, 5:47.32; 50 back, 37.08; 100 back, 1:24.45; 200 IM, 3:06.33; 400 IM, 6:51.89. John Richards (LAM): 50 breast, 39.01*; 100 breast, 1:30.32; 200 breast, 3:28.38. John Florance (SWOH): 50 free, 29.31; 100 free, 1:09.06. Jurgen Schmidt (LOL): 200 free, 2:43.58; 50 fly, 34.96. John Crews (OAK): 1500 free, 23:28.98; 100 fly, 1:32.60. Rogers Holmes (FLA): 200 back, 3:10.86. Ed Rudloff (TOC): 200 fly, 3:42.56.

65-69—Jim Welch (HUMU): 50 free, 29.93*; 100 free, 1:08.15*; 200 free, 2:38.11*; 400 free, 5:38.79*; 50 fly, 36.67*. Paul Krup (OHIO): 50 breast, 40.21*; 100 breast, 1:33.12*; 200 breast, 3:31.43*; 100 fly, 1:32.58*; 200 fly, 3:36.85*. Al VanDeWeghe (OKLA): 50 back, 38.29*; 100 back, 1:26.84*. David Volk (OHIO): 200 back, 3:13.05*. Frank Havlicek (LOL): 200 IM, 3:13.98*. Frank Murphy (DCM): 1500 free, 25:07.07. Nelson Otis (OHIO): 400 IM, 7:45.28.

70-74—Kelley Lemmon (DCM): 50 free, 30.63*; 100 free, 1:11.61*; 200 free, 2:44.86*; 400 free, 6:08.19*; 50 fly, 38.79*; 200 IM, 3:21.96*. Hanne Schwarz (SSFB-Germany): 50 back, 40.86; 100 back, 1:30.68; 200 back, 3:22.07. Reg Richardson (SBM): 100 breast, 1:48.55; 200 breast, 4:04.06. John Stinson (SMB): 200 fly, 4:24.68; 400 IM, 8:32.84. Herbert Howe (WICF): 1500 free, 25:16.66*. James Knott (LOL): 50 breast, 47.43*. Jesse Coon (MOB): 100 fly, 1:59.04.

75-79—Lyle Collet (TOC): 50 free, 32.50*; 200 free, 3:28.16; 50 breast, 50.09*; 50 fly, 53.38; 200 IM, 4:13.87*. Art Hargrave (TOC): 400 free, 7:40.76; 50 back, 41.86; 100 back, 1:37.46; 200 back, 3:45.21. Oscar Sigrist (SMST): 100 breast, 2:02.53; 200 breast, 4:43.67. Earnest Briscoe (SPRD): 100 free, 1:41.07. Frank Taylor (SCAR-Canada): 1500 free, 33:15.06.

80-84—Gus Langner (CONN): 100 free, 1:38.66; 200 free, 3:31.79*; 400 free, 7:23.09; 1500 free, 29:15.16; 50 breast, 57.79*; 100 breast, 2:15.33*. John Anderson (HUMU): 50 free, 45.24; 200 breast, 5:21.48; 50 fly, 57.67; 200 IM, 4:48.18*. Tom Cureton (LOL): 50 back, 53.92*; 100 back, 2:07.19; 200 back, 4:37.43. □



STRONG AND STEAD(FAST)

Randy Reese has put the pieces together for the makings of a FAST team in Florida, putting more swimmers on major national teams than any other club.

When 18-year-old Scott Spann won the 100 yard breaststroke at the 1977 AAU Indoor Nationals in Canton, Ohio, it didn't seem to be particularly more significant than any of the other races in the meet. But for Randy Reese, Spann's win was memorable: it was the first national title for his fledgling Florida Aquatics Swim Team (FAST).

The Canton meet was the debut of FAST at Nationals. Reese had achieved some national success with his Randy Reese Swim Team in the preceding years, producing Olympic bronze medalist Bill Forrester, as well as second-place finishes in the men's and combined team races at the 1976 Outdoor Nationals, and it was acknowledged that he had developed a number of young swimmers into national-caliber athletes.

But the Randy Reese Swim Team had never *won* anything at Nationals. Not a team title, not an individual title, not even a relay. So Reese was hoping that the advent of FAST at Nationals might lead to a new level of success for his athletes, one which paid off in gold medals.

When Spann climbed the awards stand to receive that first gold, no one could imagine how natural it would soon become to see the blue sweats of FAST on the victory platform draped with gold medals.

The Florida Aquatics Swim Team was born in late 1976, after Reese had accepted the head swimming coach position at the University of Florida. For the previous seven years, he coached high school teams in Jacksonville, and had led the Randy Reese Swim Team to national prominence.

"I planned to stay in Jacksonville

forever, and thought eventually there would be a 50 meter pool built on campus (at Episcopal High) and we could go on to have a great program," Reese said in a 1979 interview. "We kept working on that and thought we'd get the pool, but it fell through several times."

Reese was contacted about the University of Florida job in May of 1976, and he decided to accept it and move to Gainesville two weeks later.

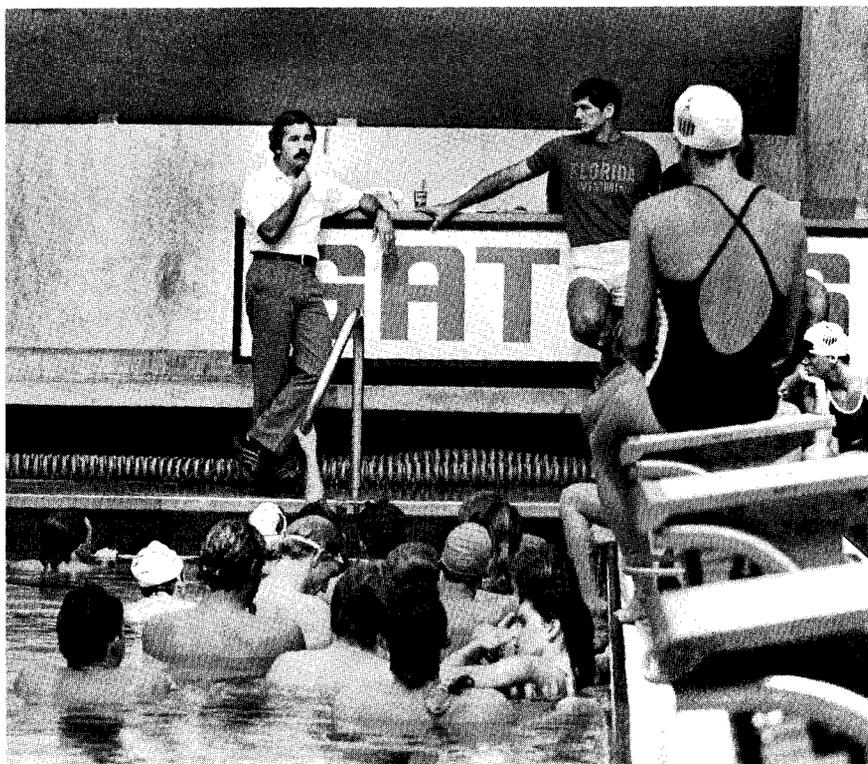
"A new indoor facility was scheduled (the O'Connell Center, which opened in late 1980), the old

pool was fine, and there were two other 50 meter pools in Gainesville. The potential stirred my interest more than the thought of being a college coach."

Reese has always asserted that the AAU (now the USS) program is far more important than college swimming, and that "the Olympics keeps the swimmers honest. College swimming doesn't do that."

After his women's team won the school's first national swimming title at the AIAW meet in 1979, Reese admitted that he hadn't fully tapered his team for the meet, ▶

Randy Reese (opposite page) can afford to be a happy man, seeing his Florida Aquatics team match success with success each year since its first Nationals gold in 1977. Since that time, Reese and assistant Skip Foster (below) have seen their senior swimmers win 10 national team titles.



(Photos by Walter Coker)

preferring to have them peak at the AAU Indoor Nationals four weeks later. That commitment to his club and to AAU swimming resulted in the first (and only) women's national team title in FAST's history.

While FAST has managed to win only that one women's title, Reese's men have captured seven national titles. The only teams with more men's titles are the University of Southern California (13), New Haven Swim Club (12), Ohio State University (10) and the Santa Clara Swim Club (9).

The list of FAST's swimmers over the past six years reads like a who's who of American swimming. Six former swimmers won national titles while representing FAST, including Spann and Rowdy Gaines (6 each); Forrester, Torry Blazey, Grant Ostlund and Glynn Perry (1 each).

The current FAST roster lists six more athletes who have won national titles for the club, including Craig Beardsley (7), Tracy Caulkins (5), David Larson (4), David McCagg (2), Matt Cetlinski (1) and Doug Soltis (1).

Beginning in 1978, those 12 FAST

swimmers produced 32 individual national titles. In the same period, only Mission Viejo (14 winners, 52 national titles) has outproduced FAST.

The list of FAST's swimmers over the past six years reads like a who's who of American swimming.

That comparison brings up the rivalry between FAST and Mission Viejo, the two dominant teams in the country. While FAST's 10 team titles (7 men's, 1 women's, 2 combined) are impressive, they pale in comparison to the numbers put up by Mission Viejo since 1978: 6 men's titles, 7 women's titles and 9 combined titles, for an astounding total of 22. FAST and Mission Viejo have won 31 of the 36 team titles awarded in the past six years (they tied in the men's race at the 1980 Outdoor Nationals).

But for Randy Reese and his coaches, there are more important

figures that tell a different story. Over the past six years, FAST has outperformed Mission Viejo in qualifying swimmers for the most important national teams.

The USA squad for the 1978 World Championships included eight FAST swimmers and just four from Mission Viejo. For the 1979 Pan-Am Games, FAST had a 7-3 margin. The 1980 Olympic team had five FAST swimmers, while four Mission swimmers qualified.

In 1982 Mission topped FAST in membership on the USA team for the World Championships, placing nine swimmers on the team to FAST's four, but FAST regained its superiority in this category for the 1983 Pan American Games, qualifying seven swimmers while Mission qualified five.

For those five major competitions, FAST has a 31-25 margin over Mission Viejo. These numbers may not be as well known as Mission's advantage in team titles, but they are far more important to Reese.

FAST's success on the national and international level is also the indirect reason for some of the criticism from other coaches and teams. It's been said that FAST is for the elite swimmer only, and that the program hasn't developed any of its own swimmers.

Reese bristles at such comments, as well he might. Torry Blazey, who won the 100 meter breaststroke national title in 1979 to become FAST's first female national champion, was a product of the FAST age group program. Grant Ostlund, who won the men's 100 meter butterfly in 1979, was unknown before going to Gainesville to work with FAST. And Craig Beardsley, the most decorated of all the FAST champions, had never finaled at Nationals before joining Reese and FAST.

Reese will also admit that the FAST age group program is not as well-developed as that of many other clubs, but the growth in the last couple of years has been noticeable.

Reese has three assistant coaches on his staff in Gainesville. Skip Foster, who won numerous high school championships in Florida

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before joining Reese in Gainesville, is now in his third year with FAST. He and Reese share the coaching responsibilities for the 60 FAST swimmers on the national and junior national level.

The age group and novice program, which also includes approximately 60 swimmers, is handled by Vince Santostefano and Ann Kelly-Santostefano. The age group program was much smaller three years ago, but FAST and Gainesville's recreation department put together a summer learn-to-swim program which has produced a number of swimmers for FAST's year-round program.

One of the important factors in the FAST program was the pride and participation of the city. After FAST's initial success on the national level, the city put the team's trophy case on permanent display in the main walkway of the Gainesville airport.

The city had participated with some financial help in past years,

but budgetary considerations forced the city to withdraw its financial support this year. The team is now looking for a private sponsor.

"The amazing thing about what

One of the important factors in the FAST program was the pride and participation of the city

Randy and this team have done is that they've reached the top without a major sponsor," says Vince Santostefano, who is in his fifth year with the team. "All of the other top teams at Nationals have some sort of tie-in with a sponsor, but we don't."

What FAST does have is a good relationship with the University of Florida, which provides them with a first-class facility. The O'Connell Center Pool has hosted the USS International Meet twice, the USS

Short Course Championships and the NCAA Women's Championships.

FAST also sponsors an age group meet in December each year, and it has grown into one of the nation's largest. This year the meet is known as the McDonald's Winter Classic (Dec. 18-20, with distance events set for Dec. 21), and Santostefano expects more than 1,000 swimmers to attend.

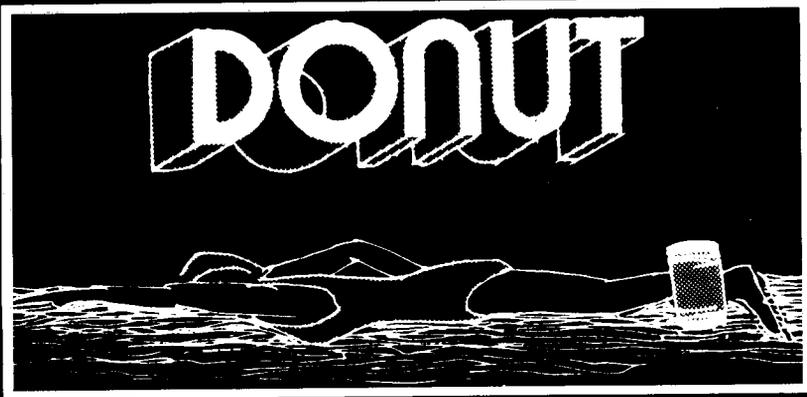
"They know we've got a great facility, and they know from experience that we'll run a great meet for the swimmers," says Santostefano. Until FAST comes up with a sponsor, meets such as these will provide the primary source of income, but that doesn't worry Santostefano.

"Every swimming team in the country would like to have more money to work with, but Randy doesn't bother with that stuff. He's here to coach, and to make these kids into great swimmers, and that's why FAST will stay on top." □



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PARENTS' SURVIVAL GUIDE TO JOs

On a recent steamy summer evening, I sat huddled in a small patch of shade, awaiting my daughter's first swim in the finals at the Junior Olympics. Last year, she had been an alternate; but this summer after much hard work, she finally achieved the breakthrough. During the first JOs we had attended, she had gone home with just a free hamburger to show for her efforts. Needless to say, only a select few can make the finals, but it didn't make the trip home any easier.

Hopefully, our children are prepared for this magnitude of competition by their coaches and various other meets; however, parents often are not ready to meet the rigors of a weekend-long swim meet. Many of our friends complain about meets that last for three or four hours. In retrospect, those meets are merely warmups for JOs.

As the sun set over the bathhouse and the 1500 meter freestyle splashed monotonously in the distance, I decided that the parents of America should be prepared for these meets just as carefully as their swimming children. Just for the record, most of the following observations pertain to the 10-12 age group, since the teenagers often would rather have the parents stay home. Many of the teenagers' parents dropped their swimmers off, then proceeded to visit the local tourist spots and watering holes. In a few years, perhaps I can react to the JOs in such a relaxed fashion; but presently, I'm a neophyte swimming parent who still gets involved.

Pre-Meet Preparations

A vast amount of gear must be collected to survive the challenge of an outdoor weekend meet. Top priority must go to a tent or pavilion to provide the necessary shade. Few pools have enough umbrellas or trees to shade the hordes of swimmers, let alone the accompanying adults. It is commonly known that many hours spent in direct sunlight will sap the residual strength of competitive swimmers. It should also be noted that parents will broil without the benefit of shade or a cooling dip in the pool.

Larger clubs will have banners, signs and insect screening for their pavilions. We had two swimmers, three parents and one small striped beach umbrella. Fortunately, some trees were available at a distance from the pool. A sun screen product is vital if you are prone to sunburn, and some form of insect repellent will be useful as dusk and various creepy-crawlies approach.

Swimming is an unusual spectator sport—you are happiest when your child spends less time in the water. Therefore, you should bring many items to keep the swimmers occupied on dry land. It was also observed that many fathers ended up playing with the toys as the

meet droned on . . . and on . . . and on. Frisbees, footballs and wiffle balls were very popular—and portable.

Our swimmers happened to be preadolescent girls who were thrilled to exchange stickers and play cards between events. A portable radio, called a "box" if large and expensive, can provide much diversion as long as it doesn't create too much friction between the "hot hits" station and the baseball game. Several parents even

*Soon we discovered
why the space
under the tree was unoccupied—
it was a mulberry tree whose
berries, when squashed by feet,
clothing or towels, give off an
indelible stain.*

began to dance to their teenager's version of music, much to the embarrassment of their offspring. Long swim meets tend to lead to irrational behavior.

A basic assumption should be that the host club, in addition to furthering the future of swimming in America, is also interested in making money from this meet. Unless you are affluent enough to afford innumerable trips to the snack bar, a cooler stocked with drinks and fresh fruits will be an expedient. Some form of electrolyte solution, such as Gatorade, would be best for the competitors, while the parents can bring what the host club and their consciences allow.

Numerous towels are also a basic requirement, since there is no guarantee that the towels will dry by the time tomorrow rolls around. Certainly, folding chairs are a must and should meet three requirements: light enough to carry; comfortable enough to sit in for hours at a time; and old enough to leave overnight instead of carrying them eight or nine times to the car. Any club hosting a major swim meet will have an enormous parking lot; and the fewer trips to the car, the better.

As any swimming parent knows, precautions have to be taken to prevent swimmer's ear. By the end of a competitive season, young swimmers often become lax in their preventative measures. Whatever system you employ, be sure to bring extra supplies, since one bottle can be misplaced in the confusion of the meet.

During our recent sojourn, I witnessed the ultimate in swim meet accommodations: a mobile home—air-conditioned, color television, refrigerator, stove,



"A vast amount of gear must be collected to survive..."

(Illustration by Ada Warner)

shower and so on. This type of vehicle would make even a weekend meet palatable; but most of us settle for a station wagon loaded with walking shoes, rain gear, sleeping bags and some warm clothes for evening. If you need to stay overnight, try for a motel that has the unbeatable combination: a pool and a buffet breakfast. Also, bring lots of quarters for the game room. For about a week before the meet, practice your diet: pizza, hot dogs and chocolate-chip ice cream sandwiches.

Meet Day

Arriving early is a must, even though the previous session will probably still be finishing. The ladies at the

gate will be unhappy about admitting you before the other session finishes. Programs may be at a premium; and all sorts of shirts, caps, pins, towels and other items will be on sale at uniformly high prices.

No matter how early you arrive, the big clubs will have already set up their pavilions at poolside. You might even be better off to set up at a distance from the pool to insulate your swimmers from the hubbub associated with the deck.

Certain dangers need to be avoided. Teenagers with their "boxes" can provide much agitation during a long hot day. Your ear drums and peace of mind will benefit from sitting as far as possible from the source of the ►

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noise. Depending upon your geographic region and its natural vegetation, be careful where you establish your home base. We set up camp under the only tree available. Soon we discovered why the space under the tree was unoccupied—it was a mulberry tree whose berries, when squashed by feet, clothing or towels, give off an indelible stain. We now have purple-dotted towels and shorts to remember JOs.

Another locational problem is sitting too close to the touch football game, unless you like having occasional footballs and bodies disrupt your quiet little world. Perhaps a more persistent concern is being in the path to and from the bathrooms, a favorite haunt for young swimmers. The bathrooms themselves present the host club with a sanitary nightmare, because literally hundreds of wet swimmers are using the facilities. An interesting diversion resulted from the habit of one young girl who—no matter where she walked—insisted on treading upon the geometric center of every towel in sight. In spite of howls of dismay from offended towel-owners, she continued blithely on her unconscious travels.

Perhaps the greatest danger for young swimmers is boredom due to the length of the meet and the large number of people, mostly strangers. At any swim meet, the ability to concentrate may well spell victory for a swimmer; at a large meet, concentration is vital to achieving success. Parents must try to keep the swimmers in focus as much as possible. A good technique during the hour of their event might be to have the swimmer warm up, then sit quietly until their event is called. Getting to the proper end of the pool for each respective event can be a challenge for young swimmers. Less secure swimmers may have to be walked to the starting blocks to make sure they arrive.

Parents' Role

What do parents do during these long weekends? If your coach is unable to make the trip, a parent may have to become a surrogate coach. This experience may make the parent more tolerant of the coach's problems, especially during meets. Finding swimmers in time for their events can be a tiresome chore. A real thrill can be monitoring the food and drink intake for your swimmers. You obviously want them to have enough fluids and energy-producing food, but youngsters tend to develop enormous appetites when bored. A battle royal can develop over the substitution of an apple for a candy bar.

Latent architects can spend entire mornings setting up their team's pavilions. Usually one key piece was left at home, so the real challenge is to prefabricate the missing part. Rube Goldberg would be proud of the contraptions erected to hang team banners. Once the construction is complete, it is not unusual to find a parent sound asleep while the meet swirls around them. This ability to sleep is either a tribute to mind-blanking concentration or to the lateness of the party back at the motel the previous night.

Swimming parents tend to be very social, for they meet the same groups at most meets. Also, people under

the same stress tend to be very sympathetic to each other. Parents in the same club often work together on fund-raising projects and furnish officials to run local meets; therefore, they either become fast friends or bitter enemies.

All of these extraneous activities cease when your child is swimming. Even the most reserved parent can lose their calm demeanor as their pride and joy struggles

... some form of insect repellent will be useful as dusk and various creepy-crawlies approach.

to reach the finals. Large teams will have organized cheers and color-coordinated warmups. My daughter only had a loud father, but she complained that she could still hear me 50 meters away. A related activity is the checking of the posted results. Usually, the amplification system is adequate at best and is in almost continual use, so that most people only listen to the important announcements. To get times and places, the parent must fight the mob surrounding the posted results, trying to read illegible carbon copies.

The Finals

If your child does not make the finals, you pack all of the above-mentioned gear and begin the trek home. If you have the exhilarating experience of having a child qualifying for the finals, then your travel and motel plans have to be adjusted. A major decision to be made is whether to leave the pool site or just stay where you are until the finals begin. We opted to stay to reduce the disruption for the swimmers. One parent was delighted to have his daughter in the 200 meter butterfly. When he phrased the results, "Congratulations, you get to swim it again!", the daughter reacted with little enthusiasm.

During the finals, there are more ceremonies to observe. The teams parade and flags are presented. Tension begins to build as the early events start. There is considerable pressure in the finals, and swimmers react differently—as do parents. You see some outstanding swimmers at JOs; perhaps a favored few will swim in the real Olympics some day.

Reflections

The JOs are a good culminating activity for each swimming season. Your swimmers have a chance to compare their skills against the best in your area. Handled properly with realistic expectations, the Junior Olympics provide a great experience for the young swimmers—and their parents, if they are prepared for the weekend.

Incidentally, our two swimmers came home with two medals apiece in the finals. It is very rewarding to have youngsters set goals—and achieve them. This set of parents survived the weekend, mulberry-stained but unbowed! We all look forward to next year. □

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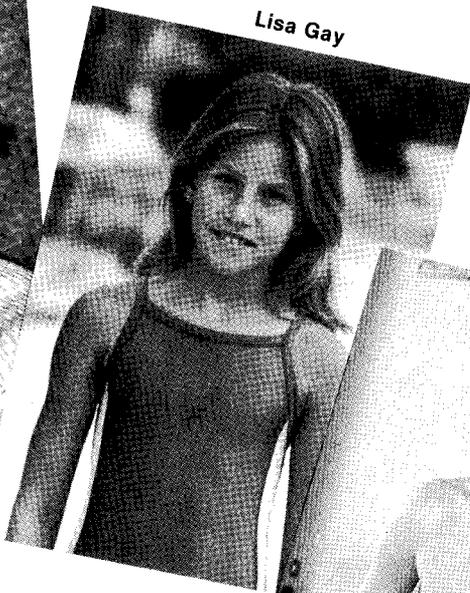
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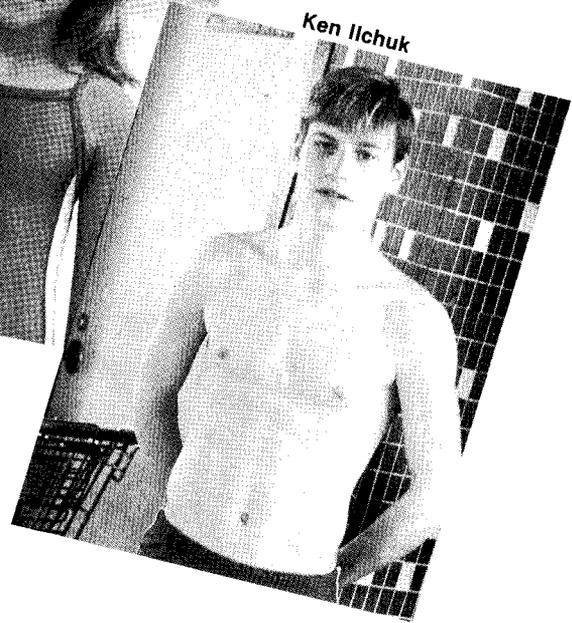
Matt North



Paul Wilson



Lisa Gay



Ken Ilchuk

A member of Woodmont Swim Team, Gay is currently one of the top breaststrokes in the league. At the Fort Lauderdale "A" meet held this past summer at the Hall of Fame Pool, she took first in the 100 meter breast and second in the 50 breast. The meet was attended by swimmers from 90 teams throughout the United States, Canada and South America.

Gay has as one of her goals to compete in the Olympics in 1988 or 1992. Coach Joe Latorraca comments, "Since Lisa never lets up until she achieves the goals she sets, I'm confident that she will one day be at the top of her age group nationally."

An honor student at Silver Lakes Middle School, Gay plays tennis regularly, but admits that swimming is her real love. Another of her hobbies is caring for injured and lost animals. A walk through her house and backyard in Tamarac, Fla., reminds one of a pet shop.

She currently has a large collection of birds of all types and two rabbits, one of which is appropriately named "A time."

KEN ILCHUK
Farmingdale Youth Council

Between swimming and scouting, 16-year-old Ken Ilchuk manages to keep himself pretty busy. Ilchuk began his competitive career six years ago under Coach Glenn Spetta and is now under the guidance of Bill Scandalis.

The South Farmingdale, N.Y., resident is one of the premiere swimmers for his club and holds many team records. The Youth Council club has seen fit to award Ilchuk with most valuable swimmer and sportsmanship awards at various times.

He is a three-time varsity letterman in swimming at Farmingdale High School and will probably add a fourth this season as he aims toward the New York state high school championships. Ilchuk has been a finalist in his county championships and also attended the vaunted Empire State Games as a swimming competitor.

Besides swimming, which he hopes someday will lead him into national collegiate competition, Ilchuk finds time to be the lead guitarist in his church folk group and is still active in scouting which he has been involved in since age 7.

Scouting—like swimming—has brought him some cherished awards. The Arrow of Light, the highest Cub Scout award, is among them. Ilchuk now holds the coveted rank of Eagle Scout after working his way through the ranks of den chief, patrol leader and senior patrol leader. He also puts his swimming skills to use by instructing fellow scouts who are non-swimmers. □

TRACIE RUIZ

BEAUTY, GRACE, SHOWMANSHIP

Ten years ago, at about the time that Santa Clara's Gail Johnson was winning her third of six senior national synchronized swimming solo titles, a tiny 10 year old was entering her first competition in Washington.

"It was a figure competition," remembers Tracie Ruiz. "Real small—just simple little kip, dolphin, somersub—and I was so nervous, I was just about to cry."

After finishing her first figure, a single ballet leg submarine, the referee called Ruiz to the side of the pool and informed her that she had made an error (she fully submerged her ballet leg position when she should have stopped at her ankle). A penalty was charged on the figure.

"I was so disappointed," she continues. "I guess I got a one-point penalty—I'll never forget that. From then on, I just (said), 'I'm gonna do this right next time.'"

It's doubtful that anyone in attendance left the figure competition with the slightest inkling that a seed had been planted which would one day yield a national and world champion. It didn't really have much to do with the inauspicious performance turned in by an age grouper at her first meet: it was simply a sign of the times.

In 1973, national synchronized swimming titles at the senior level remained—as they had since 1952 (team) and 1959 (solo and duet)—strictly within the domain of Californian swimmers. Taking it a step further, national championship hardware was not even equitably divided among different geographic regions of the state, but rather was steadfastly planted in trophy cases within the San Francisco Bay area.

Innovators such as Marion Kane, the founder of the San Francisco Merionettes club, and Kay Vilen, longtime coach of the Santa Clara Aquamaids, were largely responsible for the dominance. They took synchro (which in the sports world was often maligned as being "all show and no go") and shaped it into a truly athletic activity. At the same time, they allowed the sport to retain its appealing aspects: beauty, grace and showmanship.

Because of their success, the Aquamaids and Merionettes were like magnets, drawing the top synchro swimmers throughout the country who thought they might not otherwise get a piece of a national crown.

The long string of championships was not undeserved, even if it was coveted from time to time, and in 1973 there seemed no end in sight for the Northern California dominance of the sport.

But the seed had been planted.

On Feb. 4, 1963, Tracie Lehuanani Ruiz was born in Hawaii—her middle name is Hawaiian for "beautiful Lehua flower." At age 5 she moved to Bothel, Wash.—a suburb of Seattle—and five years later joined the fledg-

ling Seattle Aqua Club when she wandered down to watch a swim meet at a local pool and the club was looking for charter members.

"I had been taking swimming lessons," she recalls, "and I just *loved* swimming."

Ruiz also liked gymnastics, which she had been taking at the same time, and that made the switch to synchro all the better because of the similarity between the two sports.

She was put on a 10 and under Aqua Club team and almost immediately began traveling to compete at out-of-town meets. That may have been the final clincher as far as Ruiz and synchronized swimming are concerned.

"When you're 10 years old and you start (traveling)—even if it's just to the next state—it's real exciting."

She's certainly done her fair share of traveling since then, representing the United States in Puerto Rico, Switzerland, Moscow, Canada, Ecuador and Venezuela, to name a few. But for Ruiz, as evidenced by her first competitive experience, synchronized swimming has not always come easy. On the other hand, her ability to set her mind on a goal and then accomplish it has been with her since the very beginning.

"The teamwork and choreographing routines—that was all just real exciting to me. Ever since then, I've just kept on going 'cause I've been making goals for myself."

The seed sprouted nicely, and Ruiz made headway on her list of goals pretty quickly. About three years after joining the Seattle club, she was enjoying considerable success in age group competition: winning regional duet championships with partner Candy Costie and finishing fourth at the National Junior Olympics as a member of the Aqua Club's 13-14 team.

In 1977 she made her first individual mark on the national level by placing third in solo at the NJOs. She also combined with Costie to win the 13-14 duet title. They repeated their win the next year, and this time Ruiz found herself on top, too, as NJO solo champion.

From there it seemed that her success simply steam-rolled: in 1979 she was sixth in solo and fifth in duet at the Indoor Senior Nationals; moved to fourth in solo and second in duet at Outdoor Senior Nationals; won the Junior National duet crown; made the first U.S. national team to be picked at a special trials; and then went on to win the Pan-Am gold medal in team.

In 1980 she won the Junior National solo title; took second in solo and duet at the Senior Nationals (which had switched to a one-per-year format); won consols in solo and duet at the first American Cup; and took the solo crown at the Swiss Open Championships.

The following year the seed reached full bloom at the 1981 Senior Nationals in Fort Lauderdale, Fla. Ruiz, in



(Photo by Nancy Hines)

solo, and with Costie in duet, did what had not been done for over 20 years—brought national championships home to a state other than California.

"That was just part of my goals—to win a national championship first of all." She stops, then continues, "I've always had the goals of winning and being the best—being the best in the world."

She reached the latter goal in 1982 at the World Championships by topping the rest of the best in the figure and solo events. Was she satisfied? Not quite.

"I came home after the World Championships, and individually I had done real well, but I just felt like I could've done better still. I felt like I hadn't really . . . I don't know. I just didn't feel confident enough. I didn't feel like the past year I had worked hard enough, or . . ."

Her voice trails off and she looks to the listener for a sign of understanding—hopeful that her words are making some kind of sense.

To some, Ruiz is the princess of synchronized swimming. While this may seem too trite of a label, and perhaps too naive, it is an impression that comes when talking to her. This is not the prissy, know-it-all, want-it-all kind of princess, but rather the good-hearted, gracious and empathetic kind found in our favorite fairy tales.

Down to earth and good-natured, her conversation is dotted with words like "really" and "whatever" and "y'know." Uncoached and unassuming, Ruiz mulls over the questions asked, not because she wants to say what the listener would like to hear, but because she wants to be open and get to the heart of the matter.

Sometimes her responses are strings of unfinished phrases which individually don't say much, but lead gradually to an answer. Sometimes she, herself, doesn't seem quite sure of the answer—which is something, for when it comes to other matters, such as her sport, it appears that all uncertainties are left behind, and in their

place comes a list of things to do—the goals that pace her training and help her stay motivated.

The next major goal on Ruiz' list is to win the inaugural Olympic duet championship at Los Angeles next year. "It means a lot to me," she states, quite firmly. "What makes it even more special (is) that it's in (the Olympics) for the first time."

With that in mind, after she and Costie were defeated in the 1982 World Championships by Canadians Sharon Hambrook and Kelly Kryczka, she decided to drop out of school and concentrate on training. She had been attending the University of Arizona on scholarship, as had Costie who remained in school for another semester before returning to Washington to train with Ruiz and Coach Charlotte Davis.

Ruiz talks with great seriousness about her decision to quit school. "In our sport, there's a lot of time that (we) have to put into it outside of the water.

"We have to find our music; we have to go to a recording studio; we have to choreograph the (routine); we have to take dance lessons. It just involves so much time.

"School—I was doing fine—getting Bs, (but) not getting As which I was used to. I just felt that going to the university, I couldn't give 100 percent to school and 100 percent to swimming, and with the Olympics coming up so fast . . .

"I struggled with this for so long, (but) I thought that what I wanted to do was make sure that I didn't look back and say, 'Boy, I wish I had done it differently.'"

And what if she doesn't win the Olympic gold?

"If things don't work out how I would like them to, I can honestly say that I've given it my best shot, and that's what's really important to me. It's not so much winning, you know."

At this point, it seems that the decision to drop out was the right one. Costie and Ruiz have emerged as the pre-Olympic favorites after defeating the top two Canadian duets in separate competitions this past summer. They avenged their defeat from the World Championships by beating Hambrook and Kryczka at the American Cup II meet in Los Angeles in early August. Two weeks later, they became Pan American gold medalists after defeating Penny and Vicky Vilagos, the current Canadian national champs, in Caracas, Venezuela.

But Ruiz is keeping things in perspective. "I try not to assume I'm gonna make it to the Olympics, or assume that I'm gonna get the gold medal, because if I start thinking too far ahead and forget about what's now . . ."

What's now for Ruiz is the last, long, final step to prepare for the Olympic Trials and then (hopefully) the Games themselves. ►

To the uninitiated, a synchronized swimming competition seems docile enough. The competitors, dressed in colorful suits and sparkling headpieces, breeze through the water performing eye-catching movements to musical accompaniment, smiling broadly at anyone. A basic premise of this rather unfamiliar sport is that a synchronized swimmer is supposed to make what she's doing look easy. Few in the world have ever done this better than Tracie Ruiz.

That's one reason why she is the frontrunner to become synchro's most notable personality, particularly if her quest for the Olympic gold is successful, since most of the sport's supporters are predicting that synchro after '84 will be the hottest commodity since gymnastics after '72. Up to now, the closest thing to a popular figurehead that synchro has had is Esther Williams, who popularized the beauty and grace of water ballet (a second cousin to synchro) in her Hollywood film roles.

It has commonly been an enigma among the swimmers to be associated with a "pansy" like Williams, but if Ruiz has anything to say about it, that image will be erased quickly.

"She (Williams) was very athletic," Ruiz remarked about a month after having lunch with Williams at her Beverly Hills home. She and Costie had been involved in some sport science testing in San Diego, and the meeting was arranged through the national synchro office.

"I guess, just through meeting her, I really gained a lot of respect for her," Ruiz continues. "I regret anything that I had said in the past about how she wasn't a very good image for our sport, because really, in a sense, she is. There's just a difference between what she did and what we do now."

What they do now, in synchro, is lap after lap after lap in preparation for national and international competition. Swimming, sculling, stroke drills, underwater swimming, kicking and eggbeater are just a few of the various tasks that keep a synchronized swimmer like Ruiz busy at workout—plus figures, the basic movements common to all synchronized swimmers.

In competition, figures are done individually in front of a panel of judges; no music, no sparkly costumes—just a plain black suit, white cap and the memorized movements, which after being scored will make up half of the final routine score.

Ruiz, like most synchronized swimmers, doesn't think much of the figures part of the sport. "Figures are so boring that you tend to just kind of disregard them. Routines are so much more fun and more creative. Figures are just so basic, and you've gone over them and over them and over them."

Though Ruiz' personal preference is for the routine, she is an exceptional figures competitor, almost always winning in that important, though anticlimactic, event. The key to her success is undoubtedly based on her attitude toward performing the figures.

"When you get into international competition, everybody usually does a good basic figure, and from there on it's just who has it together mentally.

"You can't let things distract you; like, say your com-

petition just got straight 9½s on a figure and you're just about to go in. If you have a real good mental frame and good mental outlook, you won't let that bother you. You'll go in there and you'll do what you have to do—the best that you can."

As much as she loves routines, Ruiz admits it's the only part of competition that really gets to her. "I get so nervous for routines that I start to get choked up inside—really deep inside—where I'm at the point that I'm gonna start to cry or something.

Tracie Ruiz' middle name is Lehuanani, which in Hawaiian means "beautiful Lehua flower."

"I try to keep busy—keep stretching and moving around—but try and take it easy and not get too jumpy. Usually the feeling of being ready to cry goes away the minute I hit the water. It's really strange, as soon as I'm in there, it's like it's working for me; I feel confident and I feel the power of the adrenaline."

Through mental toughness, she is able to harness that power and let it work for her. But it's not an ability that comes easily, even for Ruiz, and especially now that she's actually reached the pinnacle of her sport.

"I think for me it was a lot easier to be climbing, to be the one behind in second place, because you have something to reach for.

"(Now I) don't have anything to grab for except past performances, so (I've) gotta learn from that rather than learning from somebody who's (already) there. That's where it becomes tough."

Tough as it may be, and demanding as her sport has become, it's obvious that Ruiz still enjoys it. There is something beyond winning medals.

"If you can't have fun at practice and at the meets, even if you win a gold medal, you have that 3-5 minutes of good feeling—but look at 10 years of what you've put in. What's more worth it—10 years or five minutes? You've gotta have fun at what you're doing or else you might as well be out of it."

It's nice to know that in this day, where "success at all costs" seems to be a guiding motto, Ruiz has made goals for herself—and attained them—while enjoying herself and others along the way.

The Olympics may be the final chapter in Ruiz' competitive career. Her next priority is to finish school and her hope is that she'll be able to promote synchronized swimming in some way. She mentions that she'd "love to do a commercial!" or work with the Olympic Committee, perhaps using the marketing degree for which she's studying. It's clear that she wants to give back something to the sport that has given her so many opportunities.

Whatever the future may hold, one doesn't doubt Ruiz when she says, "I feel like there's so much I can still do." □

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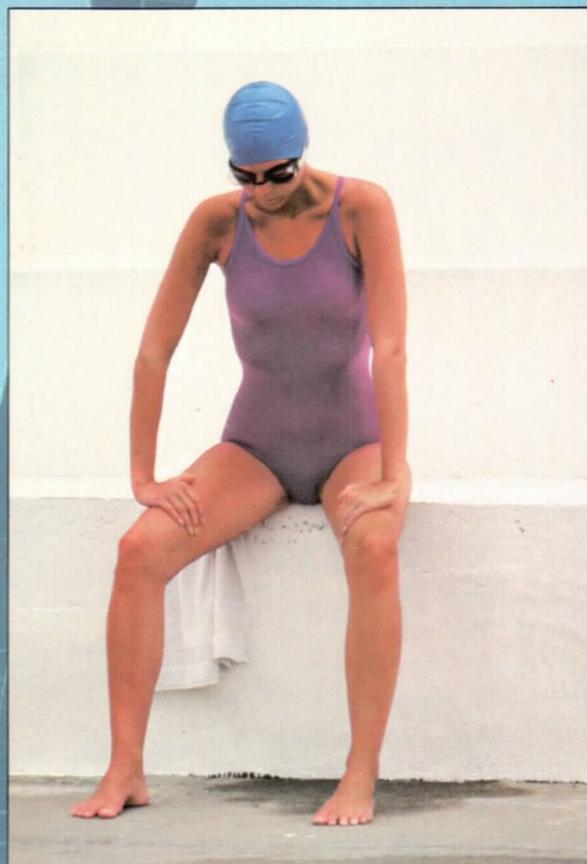
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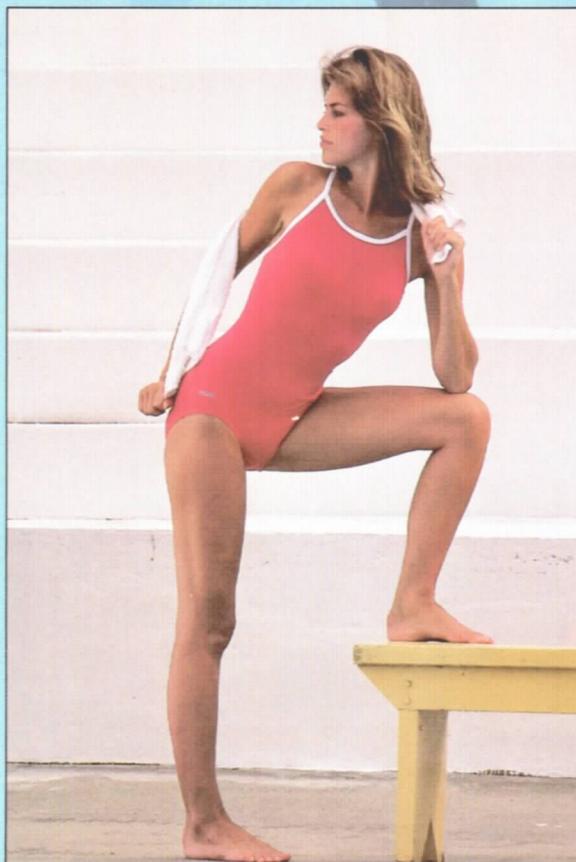
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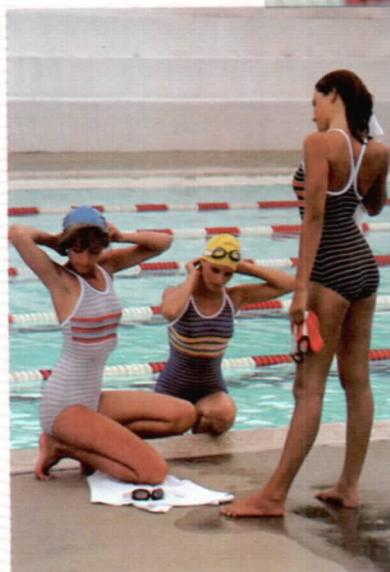
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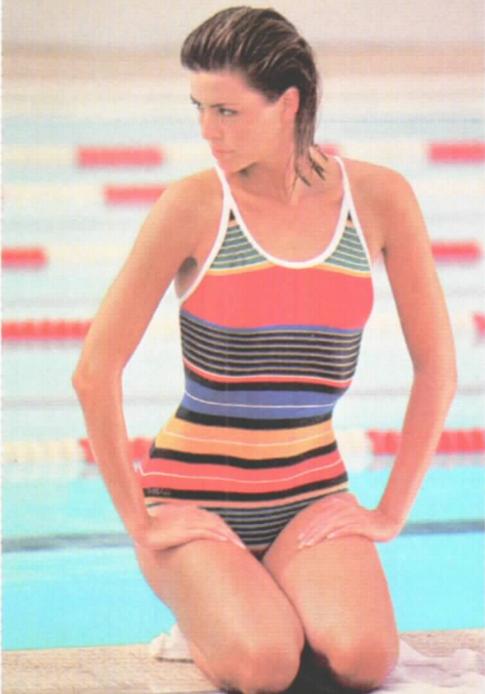
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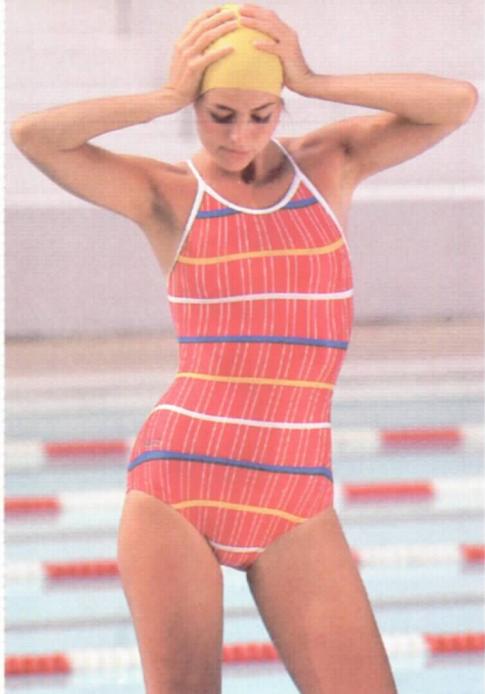
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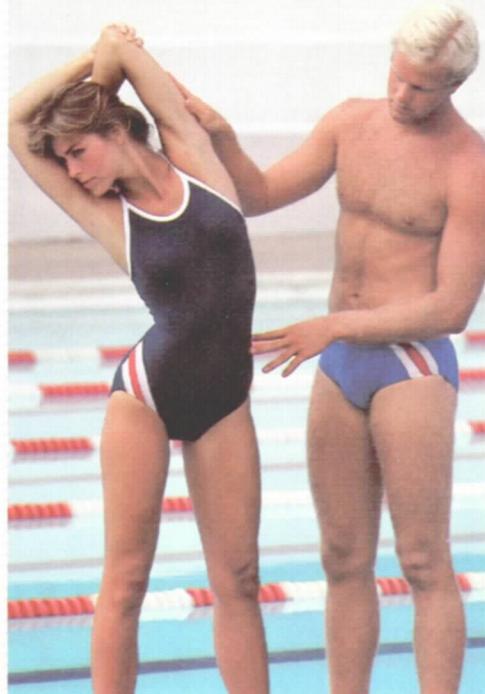
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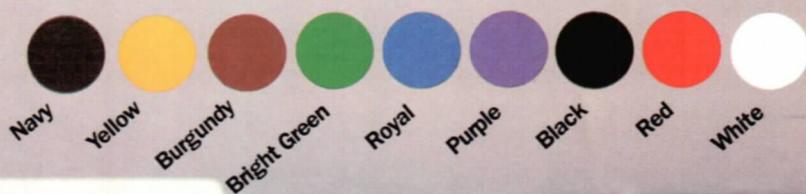
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Masters Swimming

By Dick Guido

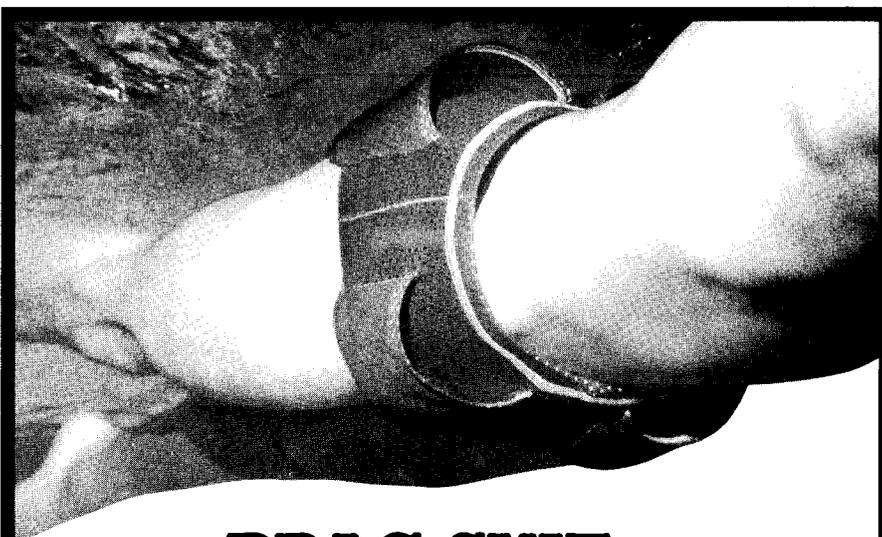
Editor's Note: Dick Guido is the chairman of the marketing and publicity committee of U.S. Masters Swimming. Any questions or input should be addressed to him at Concepts Company, P.O. Box 328, Glen Cove, N.Y. 11542.

Masters swimming is a pain in the . . . (reader can supply the applicable part of the anatomy, I'm sure). The subject of this column is *pain* . . . what the athlete feels when he or she puts the pressure on to achieve maximum performance.

Let me caution you that you should know your audience before you begin to discuss the idea of inflicting pain upon yourself. I started to talk about "hurting" in swim competition with a very intelligent and attractive young lady not at all attuned to athletics, and got the strangest look. She seemed to think the idea of anyone inflicting pain upon himself was a bit . . . "strange." However, anyone involved with athletic competition just accepts the concept: it's often referred to as "paying the price." It's a reality the entry level Masters swimmer has to accept and learn to cope with, if he's going to improve.

Back in my intercollegiate days, I knew when I was doing a good 440 yard swim; about the 14th lap, my belly felt like it was going to drop to the bottom of the pool. It never did, and I was able to develop a rather impersonal attitude toward the pain. I won't say I enjoyed it, but I knew I could handle it—and I wanted to achieve the end result on the other side of it.

When I returned to swimming in Masters competition after a 30-year hiatus, I really didn't know what I could do, being out of shape and over 55 to boot! The crunch came at a meet in Toronto in '78 when I was seeded behind a German swimmer about 20 seconds faster in the 1500



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High School News

By Bill Bell

Fortunately for swimming, Dick Hannula found out early on in his professional career that he wasn't cut out to be a meat salesman.

After graduating from Washington State University with a degree in business in the early '50s, Hannula went to work for Armour & Co. as a salesman.

But "death" to this particular salesman came quickly. Hannula decided he didn't like the work and went back to school to obtain a teaching credential.

Armed with an education degree in 1952, Hannula recalls he was "just trying to get into a teaching position, hopefully with a school that had a swimming team."

Things turned out just the opposite.

Back in 1952, Lincoln High in Tacoma, Wash., wanted a swimming coach who could be a teacher, too. "It was the first time they had ever hired someone to be a coach first," Hannula recalls. "I felt like I really lucked out."

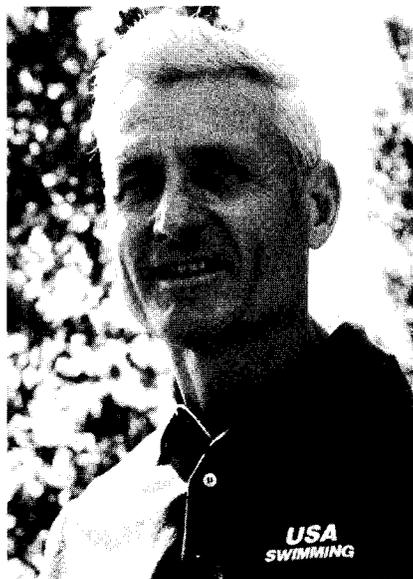
So did the Lincoln "Abes" who shared the Washington state championship the following spring, then won their first title outright two years later.

"Once I got into it, coaching was the thing that kept me being a teacher," Hannula admits.

His Lincoln teams were good, but when Tacoma built its first new high school in over 40 years, Hannula was ready to jump to where the pool was brand new and full-sized with spacious spectator areas—which described ultra-modern Woodrow Wilson High when it opened its doors in 1958.

Wilson is where Dick Hannula became a phenomenon.

The 1958-59 season was successful, the only blemishes on the record being one dual meet loss and second-place finishes at Hannula's own holiday invitational, the Ram Relays,



Dick Hannula has retired after being one of the most successful high school coaches ever.

and the state championship.

From that point the Wilson Rams boys' swim program progressed from good to legendary, simply by winning everything in sight.

With Hannula as coach, Wilson ran off an almost unbelievable string of consecutive state championships,

culminating with No. 24 this past March.

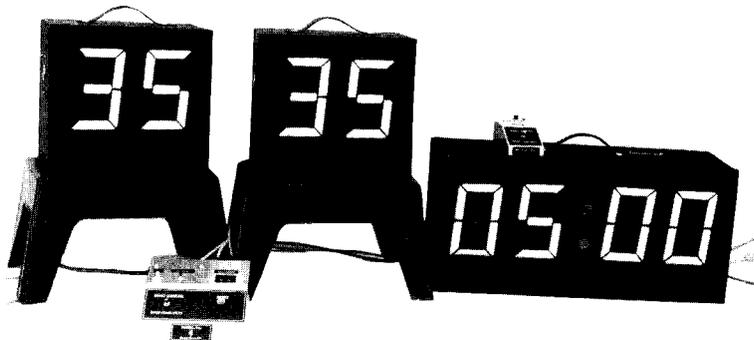
During that 25-year span, Wilson racked up an incredible 321 dual meet streak without a loss, although the Rams were tied, 86-86, by Lakes High in December of 1976. Ironically, Lakes was coached by Mike Stauffer, himself a Wilson graduate, who of course had swum for Hannula.

This year, Portland's David Douglas finally ended the Rams' unbeaten skein as they edged Wilson in an early-season dual meet.

Hannula retired from the classroom two years ago after a 30-year teaching career but stayed on as Wilson's coach until this season. Now, having seen the last of his seniors graduate, the 55-year-old coach has retired from the high school position too.

However, he remains active as head man for Tacoma Swim Club. At the USS Nationals in Clovis last August, his ace breastroker, former NCAA Division II champ Bob Jackson, won the consol finals of the 100 meter breast in 1:03.94, ▶

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High School News

continued

ranking him as fifth-fastest American for 1983.

While in college, Jackson swam for Coach Don Duncan's University of Puget Sound team and also played football.

Winning wasn't *everything* for Hannula.

"We never got caught up in that syndrome. Some time in about our third year we were up into the 30s or 40s (in victories) and it was getting a lot of attention," Hannula says. "I tried to play it down. I guess I didn't feel comfortable talking about a winning streak."

He got used to it, however. "It became comfortable about 1965. People quit talking about it quite so much."

He adds: "When we'd start the season, I never mentioned to the kids that it was their responsibility to keep our streak alive. Our goal every year was to do the job where it counts—at the state championship meet."

For 24 years, Hannula and his Wilson Rams did just that.

One of his proudest moments came eight years ago when Dick Hannula, Jr., set national high school records in the 200 and 500 yard free in two of the most electrifying races in history. Hannula, Jr., went on to college at USC and was a

member of the Trojans' 1976 and 1977 NCAA Championship teams.

Hannula's most stirring moment, though, was probably at the Mexico City Olympics in 1968 when his TSC swimmer, Kaye Hall, whom he had coached since age 4, achieved the pinnacle of amateur success when she won a gold medal in the 100 meter backstroke.

"In her early years, Kaye had a lot of losses," Hannula recalls. "But she had dreams. She was the kind of kid who could keep her head into it."

Hall's work paid off. At the Olympic Trials in '68 she won, and then it was on to Mexico City to face Canada's Elaine Tanner, who had defeated her 36 straight times.

"During the last eight or nine days in training we just worked on confidence and technique," Hannula remembers. "You've got to show how . . . you get the confidence to make the dreams become possible."

Kaye Hall went for her dream. She defeated her nemesis. She set an Olympic record in the 100 back and came home to Tacoma with the gold medal. "She lifted me up by doing some great things," Hannula says.

"My philosophy's never changed and that's to try to teach as many skills as possible in all strokes. And you also want to keep a kid out of stressful situations—stress from his parents, his teammates and especially from the coach," he adds. □

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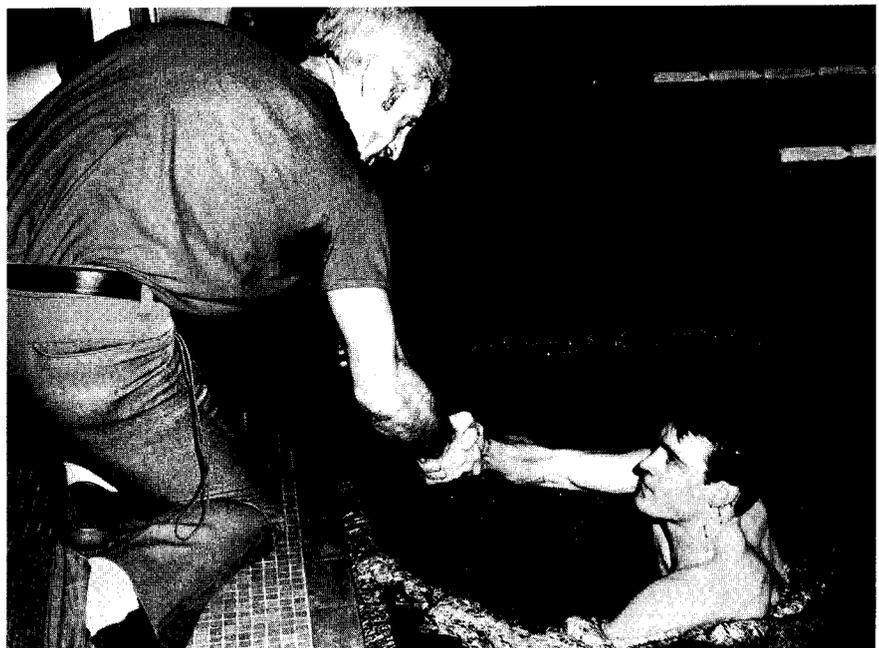
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Coach Dick Hannula (left) congratulated his son in February 1975 when Dick, Jr., broke Mark Spitz's national high school record in the 200 free (1:38.80) while a senior at Wilson High School.

Mental Focus

By Don Swartz

This forum is presented on a regular basis by Don Swartz. Don is the former coach of the Marin Aquatic Club and is presently director of the Creative Performance Institute. CPI conducts workshops on mental preparation for coaches and athletes all across the country. All questions should be directed to Don at P.O. Box 4433, San Rafael, CA 94913 (new address).

What does swimming mean to you? What do you feel it does to enhance your life and the quality of that life? Do you feel that it gives you a chance to learn about yourself or do you feel that it is a task which must be done? Is it a series of challenges or just one big problem? Do you feel that each practice session presents you with opportunities or is it just another set or sets to be done so that you can get out? There are all sorts of questions that can be raised about the swimming experience . . . indeed, about any experience in life. School, jobs and hobbies (as well as personal relationships) all can raise the same type of questions.

Hopefully, you view swimming as one of those special parts of your life which rests on the positive side of the checklist. Hopefully, it is a series of challenges, not problems. It certainly has the possibility to contribute greatly to the quality of your life. It does offer many chances to learn about what makes you "tick."

If you share these beliefs about swimming then perhaps you, as do many of your fellow swimmers, feel that the total swimming experience is indeed a fantastic opportunity. In fact, each time you enter a race, each time you go to practice and even each time you push off the wall you are given an opportunity. Specifically, you are presented with the opportunity to set free the greatness, the potential, that lies within

you. As this potential is utilized, as the greatness is set free, you experience new insights into areas you may have previously thought were reserved for others . . . for those "greater" than you.

Breaking down barriers—getting rid of limitations—is much of what swimming is about. This month I'd like to share with you some ideas about limitations and how to break free of the trap they hold you in. The key to using the greatness which *does* exist within you is to remove barriers that you or others—knowingly or unknowingly—have placed in your way on the road to excellence.

Some of these limitations are what I call sport-imposed, while others are self-imposed. Initially, probably all limitations we accept to be true are from external sources. These are the ones that I refer to as sport-imposed. They come from outside of you. Then, at some point, they subtly become self-imposed as you incorporate them into your self-image.

Some examples of limitations are: you are too young; you're too old; you're too short; you don't have enough of the right kind of muscle fibre; you're at the bottom of your age group; you're just a freshman; you're a senior and if you haven't made it by now you never will; nobody expects you to win; that's OK, it's only your first Nationals; you never could swim fast in the morning; we can't understand why you take swimming so seriously, it doesn't really mean that much . . . are you getting the idea?

Many of these statements come from well-intentioned people.

Then those who try to psych you out will say things like: "Your stroke looks off a bit today. Are you feeling OK?" or, "You must be training really hard. You look a little tired."

At some point in time all these opinions from outside sources begin to "gang up" on you and you start to wonder if they are true. "Maybe I am too old. Perhaps I should get on with my life and forget about all this serious swimming. Is it really worth it?" or, "When next year comes, I'll be at the top of my age group and then I'll really show them!" The other side of this coin is that now while you are at the bottom of your

age group you won't show them anything. So while you still go to practice every day, you don't fully take advantage of the opportunities that are presented because you don't *expect* to be able to take advantage of them.

You may think that this is a fairly negative column so far . . . a viewpoint you didn't expect to find in this place in the magazine. Actually, it is just the opposite! The first step in removing limitations is identifying them. Once you identify and recognize them, you can deal with them. Until that time, you are going to continue to be "stuck" with them.

Grab a piece of paper and a pen or pencil. Write across the top, "Overcoming Limitations!" Now write down a limitation that you have identified. Write the actual words that you (or others) use. Now ask yourself the following questions:

1.) Is this limitation sport-imposed (does it come from someone other than you)? If "yes," then write the name (or names) of the person(s) involved.

2.) Is it self-imposed?

3.) Whether it is No. 1 or No. 2, can you identify when (the actual day, or close to it) you first heard or became aware of it? Write it down.

4.) Was it valid then (when you realized it was being imposed)? Write yes or no.

5.) Is it still valid today? If isn't, congratulations to you! You can now dismiss it every time you hear it—either from others or from yourself. You are on your way to setting free more of the greatness which *does* exist within you.

6.) If it is still valid today, do you want to remove it? I hope your answer is a resounding *yes!*

7.) What plan of action (what goal or goals) will eliminate this limitation? Write down your plan of action and put it someplace where you will see it every day.

8.) Will you commit to this plan of action?

9.) When?

Begin now (not on Monday) to set yourself free from the restrictions this limitation has placed upon you. Swimming offers you many opportunities to explore the greatness which *does* exist within you. Let's dedicate this season to taking potential from the realm of the "hidden" to the arena of the *actual!* □

Diving

By Ellen Abbene

The last major international diving competition of the year, the XVI European Championships, was marked by "high quality performances, but not spectacular," reports *Swimming World* correspondent Michael Stevenson. Additionally, the outcome of the meet, Aug. 21-24, in Rome, resulted in a few surprises, as several of the medalists had their best-ever showings in major international competition.

Darkhorse Petar Georgiev of Bulgaria won the men's springboard crown after leading the pack in all but three of 11 rounds. Georgiev placed ninth at the last European Championships (1981) and had never medalled before at a major meet. After a slow start, Soviet Nikolai Drozhin finished as runner-up in the event, and Great Britain's Chris Snode took the bronze—up from his

previous fifth place showing at the '81 Europeans. Austria's Niki Stajkovich was forced to withdraw from the event after dislocating his shoulder on the fourth dive—he was leading at the time.

The German Democratic Republic's Brita Baldus captured the women's three-meter title, marking her first victory at a competition of this caliber. Young Tatiana Aliabieva of the USSR was second and The Netherlands' Daphne JongeJans took third. Interestingly, this was the first time Aliabieva and JongeJans participated in the European Championships; they were medalists at the FINA World Age Group Championships in 1981.

Another recent "age grouper" to make her mark in Rome was Soviet Alla Lobankina who parlayed her high degree of difficulty list into a platform gold, overtaking teammate and runner-up Anjela Stasulevich on her final dive. Third place went to 1980 Olympic veteran Ramona Wenzel of the DDR.

Of the diving events contested in Rome, the outcome of the men's platform competition was the least surprising, as Moscow Olympic bronze medalist David Ambartsunian of the USSR took the gold. Teammate Viacheslav Troshin was runner-up, duplicating his finish

from this year's World University Games, and newcomer Steffen Haage of the DDR took third.

A week before the diving competition started in Rome, the best of the world's age group divers met in Hamilton, New Zealand, for the FINA World Age Group Championships. By final medal tally, the United States won overall as the American junior squad placed two divers in the top six of each event and took a total of 20 medals, seven of them gold.

The People's Republic of China wound up with 10 medals, including four gold, and Canada's juniors took five medals to finish third in medal standings.

China's Gao Min dominated the 12 and under girls' competition, winning both the one-meter and three-meter springboard titles. In the boys' division, the USA was top dog as Brad Baell nabbed the low board crown with teammate Edward Morse taking the bronze, in addition to winning the three-meter title.

In the 13-14 age group, gold was split three ways among the women as Sweden's Cecilia Franzen topped the one-meter competition; Canadian Jennifer McArton won the three-meter title; and USA's Kelly Jenkins took the platform gold. McArton and Jenkins were both double medalists, as they finished second in the low board and three meter, respectively. For the men, American Lee Michaud won the one-meter crown, Mexico's Jesus Mena was tops in the highboard and Dennis Soerensen took the platform title.

Competition in the 15-17 women's group saw the USA's Wendy Williams and China's Tong De Rong medal in two events—Williams in the one meter (gold) and three meter (silver) and De Rong in the latter (gold) and platform (silver). Australia's Julie Kent must have felt at home "down under" in neighboring New Zealand as she picked up a tower victory in the same division.

Patrick Evans and Scott Fosdick scored two wins for the United States in the men's division by taking the platform and one-meter golds, respectively. The other double medalist was China's Liu Shi Ming who won the three-meter crown and was second from the tower. □

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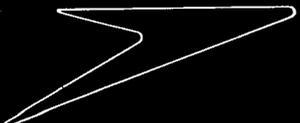
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Off the Blocks

By Bob Ingram

Vesper Boat Club recently announced the resumption of the Vesper Boat Club swimming team. A national powerhouse of the '60s, the swim club produced numerous national champions and Olympians in addition to winning the Senior National team title twice. Head coaches are former Vesper national finalist, **Kathy Lawlor**, and Olympic Trials finalist and Yale University NCAA champion, **Paul Gilbert**. Workouts are held at Stanley Sheerr Pool, a long course facility on the University of Pennsylvania campus.

Hofstra University has a new swim club to accompany its new 50 meter pool, the only indoor Olympic-sized pool on Long Island. Hofstra Aquatics is coached by **Ira Klein**, previously head coach of the Joliet Y Jets. Coach Klein's three-year tenure with the Jets culminated in second place finishes for his women at the 1983 YMCA and Junior Long Course Nationals.

Curl Swim Club produced a poster to honor their national-level swimmers as well as to promote the team and raise some monies. The 28½" x 22" poster shows a graphic photo of swimmers at the start of a race and lists Curl's national-level swimmers and their respective honors. Head coach **Rick Curl** claims the promotion has been quite successful and something other teams in the country might pursue.

The Fort Worth Water Works (Texas) swimming team, coached by **Chuck Burr**, set a national record by performing a 24-hour endurance test. The team was divided into two equal groups of five swimmers which swam a relay for 24 consecutive hours. The feat began at 6 p.m., Aug. 21, and was completed at 6 p.m. the following evening. The record breakers were **Barbi Mulqueen**, 15, **Paige Witherington**, 14, **Dianna Wells**, 14, **Cynthia Ramos**, 14, **Leigh Ann Pyeatt**, 13, **Angela**

Wells, 12, **Eric Widmer**, 16, **David Dederichs**, 16, **A.J. Summers**, 13, and **Dom Ford**, 12.

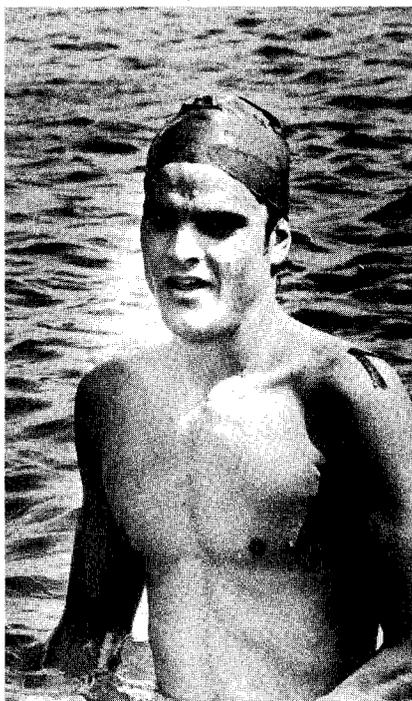
Aquatics director of the new University of New Orleans' indoor 50 meter pool is **Ray Woods**. He'll be coaching both a club and college team.

Industry Hills Aquatic Club held its annual Swim-a-thon, June 21, and one of its swimmers must have been in a large hurry to get done with his 5,000 yards. **Jeff Kostoff**, the American record holder in the 500, 1000 and 1650 yard freestyles, took just 46 minutes, 54.02 seconds to go 200 laps in the IHAC 25 yard pool. That computes to three consecutive 1650s of 15:28.6 plus a 28.1 final 50—or 50 consecutive 100s of 56.28.

Paris Blumenthal, former head coach of the Stephen S. Wise Aquatic Team (SWAT) and recent physical education graduate from the University of Southern California, was named head coach of the Sherman Oaks Aquatic Club located in the San Fernando Valley of Southern California. Named to the club's advisory committee are **Tony Dandeneau**, founder of the Sherman Oaks Swim School, and **Keena Rothhammer**, gold and bronze medalist at the 1972 Munich Olympics.

Al LaPrino is the new head coach

"Cool Hand Luke" (Mac) Teskey of Camp Chikopi broke John Kinsella's 11-year-old four-mile record by 30 seconds (76:41.72).



of New Haven Swim Club, Conn. He's also assistant coach at Yale and was this summer's assistant coach of the USA national team which competed at the World University Games in Edmonton, Canada. For the last three years, LaPrino coached in Petaluma, Calif. New Haven's women won the Region I Championships this past summer.

Finals in Los Angeles

The Finals, manufacturer of competitive swimwear and accessories, opened its first wholesale, outlet store in Southern California. With headquarters in New York, The Finals now has a Los Angeles office at 1107 Gayley Ave. in Westwood Village. For further information, call 213-824-4765.

Flying Tigers, the world's largest air cargo carrier, is an official sponsor of the 1984 U.S. swimming team. They will provide funding to help defer the cost of training, equipment and travel for the U.S. team.

Head Sports Wear announced the appointment of **Bill D'Arienzo** as vice-president of marketing and merchandising of Head. D'Arienzo has served as a marketing and merchandising consultant for swim companies and presently teaches marketing research at The Fashion Institute of Technology in New York City.

Twenty of America's premier gold medalists were inducted into the United States Olympic Hall of Fame, Oct. 6, at a charter induction dinner at the Hyatt Regency Chicago. The dinner served as a major fundraising event for the U.S. Olympic Committee. The U.S. Olympic Hall of Fame was developed jointly by the U.S. Olympic Committee and Coca-Cola USA as a way to assure that America's Olympic athletes are not forgotten. The swimmers who were elected as charter members (as voted by the National Sportscasters and Sportswriters Association) are **Mark Spitz**, **Johnny Weissmuller** and **Don Schollander**.

Days Inns of America, Inc., sponsored the Fifth Annual Leukemia Super Swim Classic at hotel swimming pools in several Florida cities, Sept. 25 and Oct. 2. The proceeds, which exceeded \$60,000 last year, were used to benefit leukemia patients. More than 600 swimmers of all ages participated in the swim-a-►

Off the Blocks

continued

thon.

The Women's Sports Hall of Fame, sponsored by **Avon Products**, honored swimmer **Donna De Varona**, a two-time Olympic gold medalist, and diver **Micki King Hogue**, 1972 Olympic champion, Sept. 26. The induction into the Hall was made at the Women's Sports Foundation's Awards Program in New York City.

At this summer's Senior Nationals in Clovis, Calif., fans, swimmers and coaches participated in the "Pick the Winners" contest in which Speedo and Arena contributed valuable swimwear in excess of \$100. Nearly 1,300 participants predicted winners of both the final and consolation heats each evening. Results showed that the experts had a tough time picking 50 percent of the winners. Those who succeeded, however, were **Pete Kennedy**, coach at the University of Iowa (Aug. 3), **Kevin O'Shea**, coach at Boise YMCA (Aug. 4); **John Wittner**, swimmer for Bolles School Sharks (Aug. 5) and **Chris Cassidy**, a spectator (Aug. 6). The idea for the contest was developed by **Mark Boerner** of Southern Illinois University.

Corrections

NISCA's High School All-America time standards, published in the September issue of *Swimming World*, page 86, showed the boys' high school automatic standard in the 200 medley relay as 1:31.73. The correct time is 1:37.73.

Author Mike Bianchi referred to **Erin Hurley** as swimming for the Allegheny (Pa.) Swim Club in his NJO East story last June. Hurley swims for the Amherst Swim Club.

Omitted from the Marathon Swimming Hall of Fame inductees article (July SW, page 12) was **Penny Dean**, English Channel record holder for men and women since 1978 and Catalina record holder since 1976.

In the all-time short course list (July SW), **Juliane Brossman** of Paramus Red Wave was omitted from the 500 yard free. Her 4:46.48 from the prelims at Senior Nationals in Indianapolis, April 8, ranks 25th. Teammate **Mary Pat Gaffney** ranks 18th in the 1000 yard free with a



Wayland Moore, the internationally-renowned sports artist, was asked by Coca-Cola, USA, to create a portrait of each charter member of the U.S. Olympic Hall of Fame at Fort Lauderdale.

9:47.41, swum at Cambridge, Jan. 21, 1983.

In the American record progression (short course) list (July SW), **Tammy Thomas'** current American mark is 22.13, not 22.14.

The High School Championship Comparisons feature (August SW) shows **Bradley Jones** of Nova winning the Florida 4A 100 fly. Rather, it was **Bradley Johns**, who is now at the U.S. Air Force Academy, completing his Basic Cadet Training.

Although it is the responsibility of the swim coach to make sure his/her swimmers' times are submitted to the appropriate NISCA compiler for NISCA All-America recognition, *Swimming World* has learned of performances which would have earned All-America honors (August SW). **San Luis Obispo's** winning time of 3:14.34 at the California Southern 2A would have ranked among the honorable mention teams. **David Stewart's** 4:30.63 would have ranked first among the boys' prep school 500 yard free. Stewart, who swam for Menlo School of Atherton, Calif., did his performance at the California Central Coast Championships. Lastly, several girls from Columbus East High School in Columbus, Ind., swam times last year which would have earned All-America recognition. Junior **Pam Hayden** swam 1:52.27 for the 200 yard free (which

ranks 23rd) and 4:59.22 for the 500 (22nd). Junior **Dale Etnyre** clocked 56.27 for the 100 fly (4th) and 2:05.51 for the 200 IM (4th). The school's 400 yard free relay of junior **Tiffany Forbes**, Etnyre, sophomore **Chelle Richardson** and Hayden went 3:37.20 (21st).

Credit was given to **Dick Shoulberg** for coaching the Germantown Academy to a third-place finish in the girls' prep school mythical championships (August SW). Rather, the girls' coach is **Lois Schwartz**.

Fullerton Union's (Calif.) **Christy Johnson** was omitted from the girls' high school mythical championships (August SW). Her 4:55.33 for the 500 free ranks 12th. Columbus East's (Ind.) **Dale Etnyre's** 2:05.51 for the 200 IM ranks fourth. In the boys' prep mythicals, Menlo-Atherton's (Calif.) **Dave Stewart's** 4:30.63 for the 500 ranks second. In the boys' high school mythicals, **Steve Coffin** of St. Francis (Ohio) should be omitted from the 50 free. The four points his school loses drops them from 34 to 30 and from fifth place to seventh place. Added to the 50 free is **Jeff Thompson** from Las Lomas High in Walnut Creek, Calif., with a time of 21.20, placing 12th for one point. In the girls' high school mythicals, Westlake's (Calif.) **Lara Torres** clocked 24.67 for the 50 free, which ranks eighth. The extra five

points Torres earned moves Westlake into eighth place with 37 points. The team standings from the other mythicals were unaffected by the corrections.

USA Hosts Games for Disabled

For the first time since its creation, the **International Games for the Disabled** will take place in the United States next June 16-30, 1984, in Nassau County, N.Y. It is an Olympic-style event featuring the world's top amputee, blind, cerebral palsy and Les Autres athletes who will compete in 20 different events, including swimming, track and field, weightlifting, wrestling, archery, cycling, wheelchair soccer, table tennis, equestrian and fencing. For more information on the 1984 Games, contact Michael Mushett, Games director, at 516-542-4493.

The 1983 National Explorer Olympics were held Aug. 7-13 at Ohio State University. The top competitor was **John Schneider** of Collegeville, Pa., who won races in the breaststroke and IM. He also placed third in the backstroke. More

than 600 Explorers participated in more than 30 sports. The Explorers is the young adult, coed division of the Boy Scouts of America.

At this year's Junior National Synchronized Swimming Championships in Seattle, **Stephanie Ammirati** of the Seattle Aqua Club was a junior national team champion. Exactly 20 years earlier in 1963, Stephanie's mother, **Roberta Gleason Ammirati**, accomplished the same thing as a member of the San Francisco Merionettes!

Karen Moe Thornton and **Mike Thornton** have a baby daughter, **Laurel Anne**, who was born July 3rd, weighing 6 pounds, 15 ounces.

Ernie Sanchez, who learned to swim before he could walk, won first-place this summer in the breaststroke at just 3 years, 7 months of age, competing against boys six years old! He first started "swimming" when he was 7 months old at **Lorraine Baxter's Live Y'ers** program in Pasadena, Calif.

Julie Ridge, former star of Broadway's "Oh, Calcutta!" who crossed the English Channel a year ago,

became the only person to swim around Manhattan twice—a distance of 56 miles! She accomplished her feat last July. And in case you're wondering what Miss Ridge's next goal is, it's to compete in the New York City Marathon.

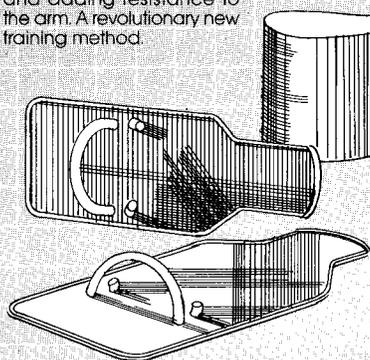
Walter Poenisch, 69, whose 1978 swim from Cuba to Florida set a world record, said he's vindicated by a \$15,000 settlement of a \$1.5 million lawsuit stemming from charges he faked the swim. A *USA Today* report mentions that three defendants, including swimmer **Diana Nyad**, agreed to pay a combined \$15,000 and retract statements accusing him of faking the swim.

Actress **Katherine Hepburn's** in the swim. She's always loved swimming and daily does 30 laps, normally wearing a one-piece black suit. The 73 year old also swims for therapy because of an auto accident in Old Saybrook, Conn., last December. She underwent surgery for a very badly-cut and broken ankle, and she claims swimming does wonders for her legs and circulation. □

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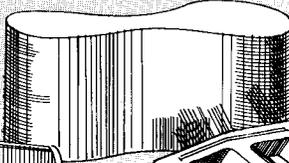
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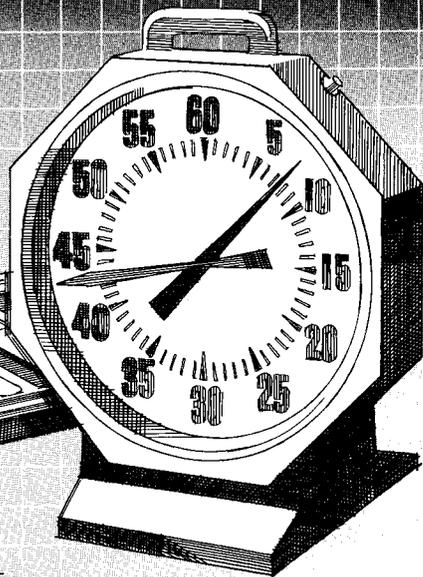
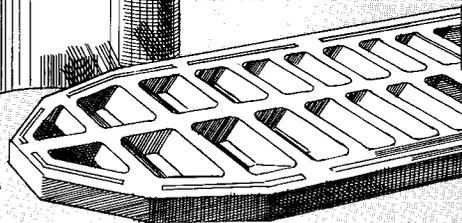


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Synchronized Swimming

By Don Kane

Candy Costie and Tracie Ruiz of the United States entered the fast lane on the road to Los Angeles by regaining their No. 1 world ranking at Caracas during the IX Pan American Games. The dynamic duo defeated the Canadian national champion duet of Penny and Vicky Villagos by a 1.30-point spread at Caracas.

The Costie-Ruiz pair, two weeks earlier, had defeated the reigning World Games duet champion Sharon Hambrook and Kelly Kryczka, both of Calgary, Canada, during the Sunkist American Cup pre-Olympic meet at Los Angeles. It was an impressive comeback for Costie, who had a very disappointing World



USA's Candy Costie teamed with Tracie Ruiz for duet gold at the Pan American Games.

(Photo by Ann Ingram)

Games in 1982 at Guayaquil.

Ruiz, of Bothell, Wash., continued her hold on the world solo ranking by easily capturing the IX Pan American Games synchro solo title and gold medal in convincing fashion. She took a commanding 3.833 lead over her nearest rival, Canadian Sharon Hambrook, then added another .60 during the solo routine event to finish with a final score of 190.499 to 187.066 for Hambrook.

Venezuela's Ana Amicarela, now a freshman at the University of Iowa, upset Pilar Ramirez of Mexico (165.334) to gain a bronze medal, the first medal ever won in Pan American Games competition by a Venezuelan. Amicarela scored a total 166.683 points. Cuba's Teresa Perez Sole finished a very close fourth with 164.483 points.

In the duet event, the popular U.S. duet of Ruiz and Costie gained a .517 lead after figures competition and then outswam the petite Villagos twins, Penny and Vicky, of Canada, 188.550-187.233. Pilar Ramirez paired with Claudia Novelo of Mexico to take the bronze. Teresa Perez Sole teamed with Natalia Prieto Daujonovich of Cuba, again being edged out of a bronze medal, 165.142-164.900.

In the team event, the United States was relegated to the second place spot for the first time in Pan American Games history by a popular contingent of Canadians. The crowd-pleasing Lady Mounties also won the judges' average high mark of 9.86 to 9.80 for the United States. The final score read Canada 188.427, USA 186.440. A battle for the bronze medal again came down to

Mexico and Cuba. Mexico prevailed, 163.900-163.406.

Ten countries competed at Caracas which proved to be the greatest number of nations to compete in Pan American Games' history.

At the European Championships held Aug. 24-27 in Rome, the British stole the show.

Led by Carolyn Wilson, the girls from Great Britain swept all three events—commandingly.

Wilson got things going her way by taking a substantial lead in figures, scoring 86.333 points to West Germany's Gudrun Hanisch's 82.000. France's Muriel Hermine was third at 80.367.

In the solo competition, Wilson received scores of 9.3-9.5 for a final total of 180.333. She had also won the event at Split, Yugoslavia, in 1981.

The battle for second, however, was much closer, as Hermine switched places with Hanisch after figures to win the silver medal with 172.767 points. Hanisch took the bronze with 172.600.

Wilson also won her second straight European Championships duet title, this time teaming with Amanda Dodd and scoring 174.667 points. In 1981, Wilson performed with Caroline Holmyard, who settled for a gold medal in the team competition this year.

The German duet of Hanisch and Gerlind Scheller finished second with 168.834 points, nipping the Holland contingent of Marijke Engelen and Catrien Eijken with 168.600.

The team competition went just as smoothly for the British girls, winning by nearly five points over Holland. The GBR margin of victory was 168.342 to 163.577 for the Dutch. West Germany was third at 159.381.

It was the third time Great Britain swept all three events. Besides the last two competitions in 1983 and 1981, they also did the trick in 1974, the first time synchro was introduced on the program of the European Championships.

The only time Great Britain has not won a gold medal in synchro competition at the European Championships came in 1977 at Jonkoeping, Sweden, when Holland won the team gold. □



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Water Polo

Shots

By Chris Georges

The U.S. national men's team traveled to Arizona State University on Oct. 1 to play an exhibition game marking the opening of training for the 1984 Olympics. The 17 participating players were the finalists for the 13 spots available on the Olympic squad.

The game, which was actually more like a low-key scrimmage, refereed by national team manager Terry Sayring, drew about 250 observers on a damp, dreary day. Intended to increase awareness of and interest in water polo in the Phoenix area, the scrimmage ended in a 10-10 tie and was followed on the next day by a clinic.

A rule proposal which will be going to the NCAA Convention in January could ensure the life of collegiate water polo if it is passed. Sponsored by Stanford Athletic Director Andy Geiger, the measure would require the NCAA to maintain championship competition in any Olympic sport for which it had hosted championships during the 1981-82 school year, regardless of whether that sport otherwise met the percentage minimum for championships.

Water polo currently needs 56 schools to sponsor varsity water polo in order to qualify as an NCAA sport for 1984; it has 52 as of presstime. The proposed legislation will probably be presented through Cal Athletic Director Dave Maggard, a member of the 44-person NCAA Council.

Coach Ed Reed's Brown University team tops the latest coaches' poll in the Eastern Water Polo Association, ahead of Navy and Bucknell. The 10-member association, with varsity teams from three conferences, plays semi-round-robin tournaments, with league standings

determined after each tourney by a coaches' poll.

Following up the top three teams in the Sept. 25 poll were Harvard, Slippery Rock, Richmond, Army, Washington & Lee, MIT and George Washington. Brown earned the top ranking by virtue of its three wins at the Sept. 24-25 tournament at home: 14-6 over Army, 17-7 over George Washington and 8-6 over Bucknell.

The U.S. Water Polo Junior National Outdoor Championships, held July 19-24 at Merced (Calif.) College, saw Commerce's women and Concord's men walk off with their respective crowns. Commerce, which put three girls on the All-America team, crushed Modesto/Stanslaus, 13-5, in the final game after outscoring its previous three opponents, 39-4. Finishing third was Redlands, followed by the host Merced team.

Concord nipped Stanford, 6-5, in the deciding game of the men's tournament, after being stunned by a 10-10 tie with eventual sixth-place finisher Hartigan earlier at the championships. Concord's "B" team

took the third spot; Clovis was fourth.

Women's Junior National All-America
First Team: Teresa Gonzales (goalie), Yolanda Gascon and Margo Miranda (Commerce); Jill Dellamora (Santa Cruz); Agnes Denouden (Modesto); Kris Hedlund (Tualatin Hills); Veronica Baker (Redlands). Spares: Betsy Schowachert (goalie, Santa Cruz); Debbie Crae (Merced); Jill Lowe and Sonja Sondeno (Modesto); Laura Ruiz (Commerce); Shannon Endsley (Redlands).

Men's Junior National All-America
First Team: Steve Moyer (goalie) and Chris Woolfolk (Stanford); Dan O'Connell (Hartigan); John Diepersloot (Clovis); Matt Kennedy (Merced); Steve Campbell and Bruce Perry (Concord). Spares: Steve Coupland (goalie, Merced); Dean Quintal (goalie) and Mark Daley (Stanford); John Gifford and John Felix (Concord); Bill Mortimer (Clovis).

The hometown Punahou team swept through the Hawaiian Invitational in Honolulu on Aug. 16-21, taking first place in the 14 and under, 16 and under and 18 and under divisions, as well as finishing second behind The Olympic Club in the men's open category. The Hackers took the women's open crown behind the play of MVP Sandy Vessey. □



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The College Scene

By Bob Ingram

Former Olympic swimming coach, **Edward J. Shea**, known as the "Father of Swimming in the South," was elected to Springfield College's (Mass.) Athletic Hall of Fame. He graduated from Springfield in 1941. While there, he captained both the freshman and varsity swimming teams and held many school records in the sport. As a backstroker and member of his team's medley relay, Shea won numerous New England Championships and finished in the NCAA Championships at Michigan State in 1941. Dr. Shea has served as director of athletics at the Atlanta Athletic Club, Ga., head swimming coach and director of aquatics at Emory University, Ga., and director of athletics and physical education at Phillips Academy in Andover, Mass. He became chairman of the department of physical education for men at Southern Illinois University in 1954, a title he still holds.

Former University of Toledo varsity swimmer, **John Muenzer**, completed a 36-mile crossing of Lake Erie, breaking the records for time and distance set 26 years ago. He covered the distance in 24 hours, 12 minutes, breaking the previous mark of Dr. Harry Briggs of Naples, Fla., who swam 32 miles in 36 hours in 1957. Muenzer, a native of Maumee, Ohio, completed his four years at Toledo this year by setting school records in the 1650, 1000, 500 and 200 yard freestyle events. In his four seasons at UT, Muenzer has set 13 individual team records, the most under varsity swim coach, **Mike Wohl**.

Fourth-year coach, **Nick Cavaturo**, of Iona College in New Rochelle, N.Y., reports that the *Judge*-ment day may be near. Senior **Greg Judge** was recently elected captain of the 1983-84 Gaels and **Matt Judge** ('86) was presented the team's MVP award for his efforts in the 1982-83 season that included four



Ed Shea ("Father of Swimming in the South") was elected to Springfield's Hall of Fame.

team records. In addition, the team's top recruit is freshman **Ray Judge**, a Westchester, N.Y., All-County selection. The three brothers will also be in the starting line-up for the Gaels' water polo team, which has achieved varsity status. Yes, they are the brothers of **Chris Judge** ('80) of Fordham, who was the MVP in the 1982 Indoor Water Polo Na-

NISCA Celebrates 50th Anniversary

This year NISCA is celebrating its 50th anniversary year by conducting a drive to expand both its membership and programs.

For membership information, contact William R. Wolff, NISCA Treasurer, P.O. Box 99, Kenilworth, IL 60043.

Among NISCA's major services are an awards program for athletes and coaches, magazine discounts, top national times listings, power rankings for comparing relative team strengths across the nation and many others.

NISCA's rapport with the National Federation has been excellent, and this bond will be strengthened even further.

Similarly, NISCA has secured the sponsorship of several national organizations to underwrite and promote specific activities, and there will be an increase in these relationships between NISCA and various manufacturers and firms.

tionals.

University of Alabama swimming coach, **Don Gambriel**, received the United States Swimming Award at the organization's annual convention in Cincinnati, Ohio. This is the highest award that can be bestowed upon an individual by U.S. Swimming.

For the record, the **University of Alabama** defended the Bernie Moore trophy symbolic of the All-Sports Championship of the Southeastern Conference.

Don Craine, a 30-year-old native of Fort Lauderdale, Fla., and a former All-America diver at the University of Michigan, has been named head diving coach at the University of Arkansas. He will also assist swimming coaches **Sam Freas** and **Kent Kirchner**. He replaces **Scott Pyle**, who resigned over the summer to enter private business in Dallas, Texas.

Seniors **George Cockey**, **Kurt Eckhardt** and **John Reister** have been named tri-captains for Towson State University's men's swimming team.

Western Illinois University swimming coach, **Tom Schweer**, announced his team captains for the upcoming men's season. They are sophomores **Dan Cox** from Burlington, Iowa, **Scott Johanssen** from Davenport West, Iowa, and **Bob Rettle** from Belleville West, Ill. All three swimmers finished in the top six in their respective events at last year's Association of Mid-Continent Universities conference meet.

Maura Costin, former Texas assistant women's coach, is now head women's coach at Princeton. She succeeds **Jane Barkman Brown**, who has resigned to help her husband, Peter, coach the Old Dominion men's and women's teams. Last year, **Pete Brown** coached at Delaware.

Elected to the Coaches Hall of Fame in Fort Lauderdale, Fla., by the American Swimming Coaches Association are USC's **Peter Daland**, Stanford's **George Haines**, Indiana's **James "Doc" Councilman** and Arden Hills Swim Club's **Sherm Chavoor**.

Edward Wojtowicz, who has been coaching age group swimming in the Northwest Indiana area for three years, was named assistant men's and women's swimming coach at Tulane University. He was also ap-



(Photo by Diane Hirs)

Toledo varsity swimmer John Muenzer stood up in the surf about 200 feet offshore of Sandusky, Ohio, having just completed a 36-mile marathon in 24:12, breaking a 26-year-old record.

pointed assistant senior age group coach for the Green Wave Swim Club in New Orleans, La.

Captains for the 1983-84 season at Tulane are junior Missie Kelly from Newport News, Va., for the women's team, along with men's tri-captains Scooter Aselton, a junior

from Blythewood, S.C., Reed Dunne, a junior from Mobile, Ala., and Robert Killeen, a senior from New Orleans.

Al Benedict, chairman of the board of MGM Grand Hotels, Inc., in Las Vegas and Reno, received the Charles McCaffree Award from the

College Swimming Coaches Association of America. The award is given to "an ex-competitive swimmer who has achieved outstanding success in a field other than aquatics." While swimming at Rutgers University in 1946-48, Benedict was named to the All-American collegiate swimming team during his last two years.

Former LSU All-America swimmer, Ricky Meador, returns to his alma mater as an assistant swimming coach of the men's and women's teams. He will also serve as assistant director and swim coach for the LSU Tiger Aquatic Swim Team.

Captain of the women's swimming team at the University of North Dakota is All-American Kim Edwards, the first female All-American in modern time from the school. The UND women finished 13th at last year's NCAA Division II Championships. The men's team will be led by Kevin Murphy. Both teams will be swimming in their new complex this year which houses a 50

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The College Scene

continued

meter, 8-lane pool with two bulkheads plus spectator seating for 800.

Coach **Martha Tillman** of Washington University, St. Louis, Mo., announced her team captains for 1983-84. Co-captains for the women's team include seniors **Alice Campbell** and **Heidi Dessloch**. Campbell is a political science major from Bloomington, Ind. Dessloch is a business major from Sewickley, Pa. She holds team records in three individual events—the 500, 1000 and 1650—and is co-record holder in three relays.

Co-captains for the men's swimming team at Washington University in St. Louis, Mo., also coached by Martha Tillman, are senior **Eric Fencil** and junior **Kevin Tollefson**. Fencil, a product of Florissant, Mo., is a business major. Tollefson, who is from Beaverton, Ore., is a math major. Tollefson is also co-holder of the team record in the 800 free relay. In 1983, Coach Tillman's teams concluded with a 11-2 women's mark and a 7-2 men's dual meet record.

Eugene P. Damm, Jr., of Wappingers Falls, has been appointed head coach of the men's and women's varsity swimming teams at Vassar College in Poughkeepsie, N.Y. Damm, who is program director for IBM's Technical Resource Programs in White Plains, N.Y., has had 17 years of competitive swim coaching in the area. He's also served 10 years as president of the Empire State Swim League. The new coach holds a bachelor's degree from Southeastern Massachusetts University and a master's degree in organic chemistry from Dartmouth.

Johns Hopkins University swim team has elected **Mike Leonhardt**, **Rob Dyer**, **Bob Britanisky**, **Heather Dick** and **Lisa Newton** as captains for the men's and women's squads for the 1983-84 season. Awards were also given at the annual team picnic, including Leonhardt and Dick for most valuable; **Dick Johnson** and **Nancy Robbins** for most improved; **David Bangs** and "The Freshman Women" for unsung heroes; and **Jim Cutrone** and **Ann Aronowitz** for team spirit.

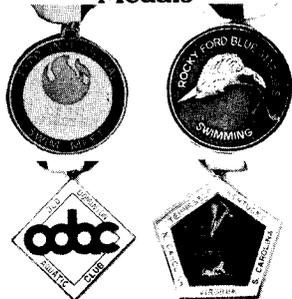
The University of Southern Cali-

fornia saluted its Olympic athletes of the past 80 years, Oct. 13-15, in a gala celebration honoring their contributions to the Games. Since 1904, 194 USC students and alumni have competed in the Olympic Games and have won 124 medals—of which 65 were gold. Nearly 100 of USC's 169 surviving Olympians attended the three-day "Salute to USC Olympians." They were honored in festivities on campus, at the Los Angeles Memorial Coliseum and during the halftime show of the USC-Arizona State football game. USC has had a competitor at every Olympics since 1912, and their total number of competitors is thought to outnumber the Olympic competitors from any other U.S. school. The school was the center of the action in the 1932 Olympics and will be again in 1984 as the largest Olympic Village and the site of swimming and diving events. USC is also across the street from the Coliseum where the opening and closing ceremonies, along with the track and field events, will be held. It is also near the Los Angeles Sports Arena and other venues. □

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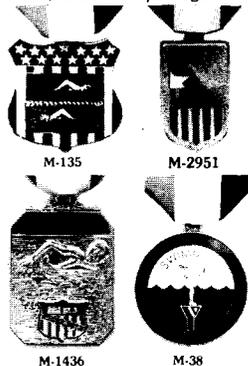
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Eastern Swimmer Continued

Trudi Adamczak, PEMB	1:12.75
Diane Damrath, AMSC	1:02.39
(Per submitted results)	
100 YD BACKSTROKE	
Nancy Dowdall, AUAQ	1:12.63
Kim Kostrubanic, PEMB	1:12.75
Kim Onetto, PEMB	1:12.75
100 YD BREASTSTROKE	
Diane Damrath, AMSC	1:17.52
Karin Mihal, FAIR	1:23.13
Joanna Stewart, WISC	1:23.64
100 YD BUTTERFLY	
Jackie Verhagen, WISC	1:13.00
Beth Hurry, WISC	1:13.20
Trudi Adamczak, PEMB	1:13.45

8 and under

25 YD FREESTYLE	
Jeremy Maneyapanda, KTYM	17.55
Shad Carlson, WISC	18.38
Eric Gibson, FAIR	18.59
50 YD FREESTYLE	
Jeremy Maneyapanda, KTYM	39.42
Ethan Buckley, GDSC	40.08
Shad Carlson, WISC	41.87
25 YD BACKSTROKE	
Ethan Buckley, GDSC	21.83
Jeremy Maneyapanda, KTYM	22.47
Matt Stewart, WISC	22.53
25 YD BREASTSTROKE	
Jeremy Maneyapanda, KTYM	22.57
Matt Stewart, WISC	23.18
Erin English, KTYM	23.76
25 YD BUTTERFLY	
Thomas Parker, WISC	19.67
Eric Gibson, FAIR	23.09
Jeremy Maneyapanda, KTYM	23.38

9-10

50 YD FREESTYLE	
Dinesh Maneyapanda, KTYM	32.38
Bryon Miller, KTYM	32.66
Bob Lorenz, CHSC	33.68
100 YD FREESTYLE	
Dinesh Maneyapanda, KTYM	1:12.25
Bob Lorenz, CHSC	1:13.02
John Hofstatter, AMSC	1:13.27
50 YD BACKSTROKE	
Bob Lorenz, CHSC	39.32
Bryon Miller, KTYM	39.76
Ian Marshall, EISC	40.93
50 YD BREASTSTROKE	
Randy Schmitt, EISC	43.56
Bryon Miller, KTYM	43.69
Bob Lorenz, CHSC	44.09
50 YD BUTTERFLY	
John Hofstatter, AMSC	38.92
Andy Cottrill, FAIR	39.45
Bryon Miller, KTYM	39.72

11-12

50 YD FREESTYLE	
Bryan Woodruff, PEMB	29.94
Bob Woughter, TCSC	30.22
Bill Burns, PEMB	30.84
100 YD FREESTYLE	
Bryan Woodruff, PEMB	1:05.60
Bob Woughter, TCSC	1:05.64
Patrick Glasser, CHSC	1:06.59
50 YD BACKSTROKE	
Andy Wooding, GRSC	36.22
Bryan Woodruff, PEMB	36.72
Bob Woughter, TCSC	37.03
50 YD BREASTSTROKE	
Billy Lorenz, CHSC	38.04
Scott Dill, AMSC	38.77
Matthew Schilling, Unat.	38.89
50 YD BUTTERFLY	
Andy Wooding, GRSC	32.60
Billy Lorenz, CHSC	34.11
John Uchel, WISC	34.36

13-14

50 YD FREESTYLE	
David Fahrenholz, AUAQ	27.46
Robert Hermanet, FAIR	27.66
Matt Keller, PEMB	27.73
100 YD FREESTYLE	
Clark Alford, AMSC	58.93
Robert Hermanet, FAIR	59.22
Tim Dors, CHSC	59.59
100 YD BACKSTROKE	
Mark Joseph, Unat.	1:09.63
Robert Hermanet, FAIR	1:12.37

Mitchell Rick, FAIR	1:12.89
100 YD BREASTSTROKE	
Daniel Stewart, WISC	1:17.99
Matt Keller, PEMB	1:18.48
Robert Hermanet, FAIR	1:18.50
100 YD BUTTERFLY	
Tim Dors, CHSC	1:05.36
Clark Alford, AMSC	1:07.97
Robert Hermanet, FAIR	1:08.01

Open

50 YD FREESTYLE	
Glenn Mancuso, MCM	25.25
Steven Galloway, FAIR	26.06
Cole Racho, AUAQ	26.07
100 YD FREESTYLE	
Sean Hilchey, PEMB	55.38
Glenn Mancuso, MCM	55.88
Steven Galloway, FAIR	57.74
100 YD BACKSTROKE	
Steven Galloway, FAIR	1:07.13
Matt Fix, AUAQ	1:07.74
Glenn Mancuso, MCM	1:07.94
100 YD BREASTSTROKE	
Herb Schmidt, TCSC	1:09.83
Matt Fix, AUAQ	1:11.14
Dan Consadine, WISC	1:12.68
100 YD BUTTERFLY	
Matt Fix, AUAQ	1:01.27
Mike Byrne, AUAQ	1:07.72
Scott Meisner, PEMB	1:09.39

VALLEY LEAGUE CHAMPIONSHIPS Morgantown, W. Va.

July 31, 1983 25 Yd. Pool

GIRLS

8 and under	
25 YD FREESTYLE	
L. Ratica, EFSC	17.59
K. Chopp, SWNY	18.90
B. Kenney, SWNY	19.12
25 YD BACKSTROKE	
L. Ratica, EFSC	21.65
B. Zelenka, SWNY	23.72
L. Reger, MSC	24.50
25 YD BREASTSTROKE	
L. Vitale, EFSC	23.17
B. Zelenka, SWNY	24.39
K. Chopp, SWNY	24.98
25 YD BUTTERFLY	
M. Heintz, EFSC	23.18
S. Hornbrook, MSC	23.22
B. Kenney, SWNY	23.29
100 YD INDIVIDUAL MEDLEY	
L. Ratica, EFSC	1:41.92
S. Hornbrook, MSC	1:47.32
L. Vitale, EFSC	1:49.85

9-10

50 YD FREESTYLE	
C. Robson, SWNY	31.25
L. Highlands, SWNY	31.78
K. Hromanik, EFSC	32.18
50 YD BACKSTROKE	
C. Robson, SWNY	38.18
J. Burkart, MSC	40.56
A. Rasmberg, MSC	43.56
50 YD BREASTSTROKE	
M. Gwilliam, MSC	41.32
L. Highlands, SWNY	42.02
C. Shultz, MSC	46.62
50 YD BUTTERFLY	
C. Robson, SWNY	33.08
A. Rasmberg, MSC	37.79
J. Burkart, MSC	40.46
100 YD INDIVIDUAL MEDLEY	
L. Highlands, SWNY	1:20.56
J. Burkart, MSC	1:24.61
K. Hromanik, EFSC	1:25.75

11-12

50 YD FREESTYLE	
H. Shirley, BVA	59.46
J. Kirby, BVA	1:03.57
S. Harshman, SWNY	1:04.36
50 YD BACKSTROKE	
J. Kirby, BVA	33.45
K. Chopp, SWNY	33.84
H. Nailler, MSC	35.54
50 YD BREASTSTROKE	
S. Harshman, SWNY	36.14
C. Bonari, BVA	36.19
H. Nailler, MSC	37.45

50 YD BUTTERFLY

H. Shirley, BVA	29.83
K. Chopp, SWNY	31.79
L. Vesely, BVA	34.15
200 YD INDIVIDUAL MEDLEY	
H. Shirley, BVA	2:28.02
J. Kirby, BVA	2:36.33
S. Harshman, SWNY	2:37.41

13-14

100 YD FREESTYLE	
A. Pearson, MSC	59.97
B. Kirby, BVA	1:00.68
E. Gilson, MSC	1:02.77
100 YD BACKSTROKE	
B. Mehaulic, SWNY	1:09.09
C. Dull, BVA	1:10.31
B. Kirby, BVA	1:12.65
100 YD BREASTSTROKE	
B. Mehaulic, SWNY	1:18.48
K. McCrory, MSC	1:18.81
B. Kirby, BVA	1:22.29
100 YD BUTTERFLY	
C. Dull, BVA	1:07.18
A. Pearson, MSC	1:07.35
M. Whittier, MSC	1:11.05
200 YD INDIVIDUAL MEDLEY	
C. Dull, BVA	2:29.68
B. Mehaulic, SWNY	2:29.81
M. Whittier, MSC	2:33.68

15-18

100 YD FREESTYLE	
S. Harshman, SWNY	56.02
J. Clarkson, SWNY	56.56
K. Mehaulic, SWNY	59.20
100 YD BACKSTROKE	
J. Clarkson, SWNY	1:04.84
K. Mehaulic, SWNY	1:07.97
M. Vingle, MSC	1:09.69
100 YD BREASTSTROKE	
S. Harshman, SWNY	1:14.68
J. Paugh, MSC	1:14.99
K. Mehaulic, SWNY	1:19.11
100 YD BUTTERFLY	
J. Clarkson, SWNY	1:03.02
K. Plushkin, MSC	1:05.20
M. Vingle, MSC	1:10.31
200 YD INDIVIDUAL MEDLEY	
S. Harshman, SWNY	2:20.16
K. Plushkin, MSC	2:27.06
J. Paugh, MSC	2:28.64

BOYS

8 and under	
25 YD FREESTYLE	
R. Smith, EFSC	17.24
G. Waggel, SWNY	18.01
G. Harshman, SWNY	18.13
25 YD BACKSTROKE	
R. Smith, EFSC	21.15
J. Waggel, SWNY	23.00
J. Will, MSC	23.05
25 YD BREASTSTROKE	
Ja. Balko, SWNY	23.50
J. Will, MSC	26.09
J. Waggel, SWNY	27.68
25 YD BUTTERFLY	
Ja. Balko, SWNY	20.39
C. Smith, EFSC	47.35
100 YD INDIVIDUAL MEDLEY	
Ja. Balko, SWNY	1:32.08
R. Smith, EFSC	1:37.92

9-10

50 YD FREESTYLE	
L. Ankeny, SWNY	30.99
J. Renton, MSC	31.99
B. Papakie, EFSC	34.66
50 YD BACKSTROKE	
B. Kim, MSC	39.92
W. Amend, SWNY	40.44
B. Papakie, EFSC	43.33
50 YD BREASTSTROKE	
W. Amend, SWNY	43.06
J. Renton, MSC	43.08
R. Keech, MSC	44.69
50 YD BUTTERFLY	
L. Ankeny, SWNY	37.32
B. Kim, MSC	41.20
R. Keech, MSC	48.37
100 YD INDIVIDUAL MEDLEY	
L. Ankeny, SWNY	1:21.00
J. Renton, MSC	1:22.33
W. Amend, SWNY	1:23.81

11-12

100 YD FREESTYLE	
D. Sutor, SWNY	1:01.17
S. Melego, SWNY	1:04.47
B. Hoffman, BVA	1:04.87
50 YD BACKSTROKE	
S. Melego, SWNY	34.77
L. Robson, SWNY	37.93
M. Reasor, MSC	38.10
50 YD BREASTSTROKE	
J. Highlands, SWNY	33.91
D. Sutor, SWNY	35.64
L. Robson, SWNY	39.57
50 YD BUTTERFLY	
J. Highlands, SWNY	29.79
D. Sutor, SWNY	32.09
B. Hoffman, BVA	32.92
200 YD INDIVIDUAL MEDLEY	
J. Highlands, SWNY	2:19.69
B. Hoffman, BVA	2:43.19
G. Whittier, MSC	3:26.90

13-14

100 YD FREESTYLE	
M. Roder, MSC	54.04
J. Kucik, SWNY	54.98
A. DeGroat, MSC	55.75
100 YD BACKSTROKE	
J. Kucik, SWNY	1:08.03
A. DeGroat, MSC	1:09.29
Joe Kucik, SWNY	1:12.69
100 YD BREASTSTROKE	
M. Roder, MSC	1:08.40
J. Kim, MSC	1:13.54
L. Melego, SWNY	1:14.60
100 YD BUTTERFLY	
L. Melego, SWNY	1:04.69
A. DeGroat, MSC	1:10.05
D. Keech, MSC	1:25.92
200 YD INDIVIDUAL MEDLEY	
M. Roder, MSC	2:13.31
J. Kucik, SWNY	2:20.38
J. Kim, MSC	2:37.62

15-18

100 YD FREESTYLE	
M. Rollins, MSC	50.62
J. Fisher, MSC	50.89
E. Stratford, MSC	54.47
100 YD BACKSTROKE	
Kevin Batey, MSC	1:00.20
D. Amato, MSC	1:00.37
M. Rollins, MSC	1:01.34
100 YD BREASTSTROKE	
D. Amato, MSC	1:04.34
Ken Batey, MSC	1:08.22
D. Basinger, SWNY	1:09.91
100 YD BUTTERFLY	
M. Rollins, MSC	56.75
J. Fisher, MSC	58.17
W. Coleman, MSC	58.78
200 YD INDIVIDUAL MEDLEY	
D. Amato, MSC	2:04.72
Ken Batey, MSC	2:12.26
Kevin Batey, MSC	2:14.65

4th ANNUAL MID CAP SUPERSTAR MEET Harrisburg, Pa.

Aug. 3, 1983 25 M. Pool

GIRLS

8 and under	
25 M FREESTYLE	
Ann Bentz, AC	16.64
Brandy Beaver, HPD	16.68
Joey Schubert, WW	16.69
25 M BACKSTROKE	
Dacia Cornish, H	20.83
Brandy Beaver, HPD	21.28
Jennifer Deibert, PC	23.43
25 M BREASTSTROKE	
Joey Schubert, WW	21.75
Becky Miller, HPD	21.86
Ann Bentz, AC	21.97
25 M BUTTERFLY	
Dacia Cornish, H	17.61
Becky Miller, HPD	17.78
Joey Schubert, WW	17.78

10 and under

50 M FREESTYLE	
Dreon Olivetti, M	33.03
Kristen Bojanic, LM	33.21

Eastern Swimmer Continued

Sara Valkenburg, WW	34.05
50 M BACKSTROKE	
Kristen Bojanic, LM	39.08
Allison Hoff, WW	41.62
Erin McRedmond, MV	41.99
50 M BREASTSTROKE	
Lisa Kaylor, WW	42.67
Allison Hoff, WW	44.13
Michelle Gardner, AC	44.43
50 M BUTTERFLY	
Kristen Bojanic, LM	37.50
Michelle Gardner, AC	38.07
Jenny Bierbower, WW	38.65

12 and under

50 M FREESTYLE	
Amy McLaughlin, P	29.15
Lynn Kelly, AC	31.17
Kristen Kuethe, SS	31.53
50 M BACKSTROKE	
Becky Kern, AC	36.65
Amy Carlucci, C	37.12
Maggie Finkelstein, HPD	37.31
50 M BREASTSTROKE	
Amy Bratton, HPD	39.27
A. Christopher, SM	39.32
Donna Hughes, CC	41.28
50 M BUTTERFLY	
Amy McLaughlin, P	33.09
Amy Carlucci, C	35.22
Ann Hall, SS	35.26

14 and under

50 M FREESTYLE	
S. Buckovich, YY	27.75
Suzanne Levine, WSY	27.82
Joanne Jordan, CC	28.90
50 M BACKSTROKE	
Suzanne Levine, WSY	32.78
S. Buckovich, YY	32.78
Tina McIntosh, SM	34.50
50 M BREASTSTROKE	
Kelli Hofstetter, H	38.28
Cristen Lewis, WSY	38.48
Tina McIntosh, SM	38.55
50 M BUTTERFLY	
Joanne Jordan, CC	31.89
Tracey Morret, M	32.38
Jena McArthur, WSY	32.38

Unlimited

50 M FREESTYLE	
Laurel Snyder, C	28.50
Julie Byrne, AC	29.58
Diane Morret, M	29.58
50 M BACKSTROKE	
Patti Dobroski, H	33.94
Bonnie Charles, AC	35.08
Shawn Ulrich, P	35.18
50 M BREASTSTROKE	
Kim Norris, WW	38.43
Patti Cooke, P	39.07
Jill Prosser, BS	39.59
50 M BUTTERFLY	
Beth Roeder, YY	30.56
Patty Dilsner, WSY	32.29
Patti Dobroski, H	32.61
100 M INDIVIDUAL MEDLEY	
Beth Roeder, YY	1:11.06
Pattianne Cooke, P	1:12.25
Jan Lightner, AC	1:14.49

BOYS

8 and under	
25 M FREESTYLE	
David Scott, M	16.39
Matt Saikeld, IC	16.88
Andy Hoff, WW	16.80
25 M BACKSTROKE	
David Scott, M	20.74
Jude Olivetti, M	21.28
Matt Williams, BS	23.66
25 M BREASTSTROKE	
Brian Himmleright, NE	21.84
Pat Sattler, IC	22.25
Andrew Hoff, WW	22.40
25 M BUTTERFLY	
David Scott, M	17.94
Pat Sattler, IC	18.56
Greg Jacoby, YY	18.97

10 and under

50 M FREESTYLE	
Ricky McLoughlin, M	31.40
Brian Hatfield, LM	32.86
Jason DeVan, DC	33.10



The Reading, Pa., Y's Michele Ciesienski, Heather Orth (top); Jennifer Hess and Carlyn Winter combined for 101 points to win the 10 and under team trophy at the Middle Atlantic long course IOs.

50 M BACKSTROKE

Jason DeVan, DC	39.70
H. Davidson, C	40.59
Rodger Weikert, IC	41.69
50 M BREASTSTROKE	
Matt Morgan, C	43.46
Ricky Jordan, HPD	43.63
Steve Sucheski, LM	45.46
50 M BUTTERFLY	
Ricky McLoughlin, M	36.11
Brian Hatfield, LM	36.58
H. Davidson, C	37.88

12 and under

50 M FREESTYLE	
Mike Klinefelter, NE	28.60
S. Stell, YY	29.26
Jim Sheehon, C	30.77

50 M BACKSTROKE

Brian Duffie, HPD	36.10
Paul Feeman, NE	36.46
Mike Bingaman, HPD	36.63
50 M BREASTSTROKE	
Jason McKinney, WSY	38.81
Andy Linn, DC	39.46
Scott Strupp, CL	39.82
50 M BUTTERFLY	
Mike Klinefelter, NE	31.90
Mike Richards, HBG	34.09
Chuck Brunner, LM	34.33

14 and under

50 M FREESTYLE	
John Kesler, LM	26.42
Bill Folger, P	26.98
Mark Andreozzi, AC	27.37
50 M BACKSTROKE	
John Kesler, LM	31.36
Mark Inman, MV	32.91
David Reardon, DC	33.04
50 M BREASTSTROKE	
Scott Lehman, WH	35.11
Bill Folger, P	35.76
Mark Andreozzi, AC	36.43
50 M BUTTERFLY	
John Kesler, LM	28.50
Bill LaCates, YY	28.84
Mark Inman, MV	30.29

Unlimited

50 M FREESTYLE	
Ed Kotinsky, LM	25.44
Matt Mumber, HPD	25.70

50 M BACKSTROKE

John Benkovich, HPD	26.29
50 M BREASTSTROKE	
John Matson, HPD	28.89
Jerry Feaser, D	30.05
Bill Marlin, MV	30.79
50 M BUTTERFLY	
Eric Sheffy, AC	32.21
Ed Kotinsky, LM	33.88
Steve McCarver, HHPD	34.03
50 M BREASTSTROKE	
John Matson, HPD	27.44
Bill Marlin, MV	28.51
Skip Bliss, P	29.05
100 M INDIVIDUAL MEDLEY	
Jerry Feaser, D	1:03.97
Tim Bixler, C	1:06.38
Chris Dahowski, YY	1:07.15

McDONALD'S/SSU/ FLORIDA GOLD COAST LONG COURSE "A" CHAMPIONSHIP Aug. 5-7, 1983 50 M. Pool

* Florida Gold Coast Record

HIGH POINT WINNERS

Girls	
Jennifer Kaiser, SWSC	10-under
Kuppe Baldrige, SWSC	11-12
Pam Smith, SWSC	13-14
Mirjam Bakker, SWSC	15-18
Boys	
Ilam Rzakowolsky, HURR	10-under
Paulo Anastasio, HURR	11-12
Roberto Granados, DELF	13-14
Steve Smutny, SWSC	15-18

Girls

10 and under	
50 M FREESTYLE	
Amy Tom, BST	34.51
Vicky Stern, DA	34.62
Rachel Lindo, MSCJ	35.32
100 M FREESTYLE	
Amy Tom, BST	1:17.63
Nicole Araujo, MSCJ	1:19.00
Rachel Lindo, MSCJ	1:21.19
200 M FREESTYLE	
Jennifer Kaiser, SWSC	2:44.26
Vicky Stern, DA	2:45.26
Nicole Araujo, MSCJ	2:49.10

50 M BACKSTROKE

Jennifer Kaiser, SWSC	41.50
Rachel Lindo, MSCJ	41.85
Lisa Gorski, PCSC	42.12
100 M BACKSTROKE	
Jennifer Kaiser, SWSC	1:20.38
Jamie Marion, FLST	1:34.42
Gail Spicer, MSCJ	1:35.09
50 M BREASTSTROKE	
Amy Tom, BST	42.68*
Lisa Gay, WS	45.48
Jodi Summerbell, SRSC	46.53
100 M BREASTSTROKE	
Lisa Gay, WS	1:42.15
Jodi Summerbell, SRSC	1:44.59
Carolyn Mike, AALL	1:47.00
50 M BUTTERFLY	
Amy Tom, BST	37.03
Vicky Stern, DA	37.19
Lisa Gorski, PCSC	37.84
100 M BUTTERFLY	
Jennifer Kaiser, SWSC	1:23.66
Lisa Gorski, PCSC	1:23.93
200 M INDIVIDUAL MEDLEY	
Amy Tom, BST	3:06.20
Lisa Gorski, PCSC	3:07.88
Jennifer Kaiser, SWSC	3:14.23

11-12

50 M FREESTYLE	
Michelle Fehlberg, PAC	31.31
Regina Smith, SWSC	32.54
Maria Ramsay, BASA	32.62
100 M FREESTYLE	
Michelle Fehlberg, PAC	1:09.79
N. Keller, YMCAK	1:11.47
Regina Smith, SWSC	1:11.63
200 M FREESTYLE	
Kuppe Baldrige, SWSC	2:25.33
Michelle Fehlberg, PAC	2:30.39
Regina Smith, SWSC	2:30.81
50 M BACKSTROKE	
Tricia Wright, MSCJ	37.59
Kuppe Baldrige, SWSC	39.00
Maria Ramsay, BASA	39.74
100 M BACKSTROKE	
Kuppe Baldrige, SWSC	1:21.53
Tricia Wright, MSCJ	1:23.94
Maria Ramsay, BASA	1:26.54
50 M BREASTSTROKE	
Amy Santrock, BOCA	40.91
Paige Sanderson, BOCA	41.08
Rachel Rennert, MBS	41.17
100 M BREASTSTROKE	
Amy Santrock, BOCA	1:28.46
Paige Sanderson, BOCA	1:30.12
N. Keller, YMCAK	1:32.72
50 M BUTTERFLY	
Kuppe Baldrige, SWSC	34.79
Amy Santrock, BOCA	34.90
Michelle Fehlberg, PAC	35.13
100 M BUTTERFLY	
Kuppe Baldrige, SWSC	1:15.93
Regina Smith, SWSC	1:17.67
Michelle Fehlberg, PAC	1:18.31
200 M INDIVIDUAL MEDLEY	
Kuppe Baldrige, SWSC	2:44.34
Amy Santrock, BOCA	2:53.30
Michelle Fehlberg, PAC	2:53.56

13-14

50 M FREESTYLE	
Regina Engelhardt, PCSC	29.52
Pam Smith, SWSC	29.77
Arlene Westcarr, MSCJ	29.88
100 M FREESTYLE	
Regina Engelhardt, PCSC	1:02.86
Pam Smith, SWSC	1:06.01
Kelley Beebe, Unat.	1:06.63
200 M FREESTYLE	
Pam Smith, SWSC	2:10.34
Elise Hendrickson, SWSC	2:21.91
Erin Lantaff, CSSC	2:23.17
400 M FREESTYLE	
Regina Engelhardt, PCSC	4:45.40
Pam Smith, SWSC	4:46.99
Elise Hendrickson, SWSC	5:00.18
100 M BACKSTROKE	
Annamarie Flynn, SWSC	1:15.03
Mardi Gomborg, INE	1:17.38
Meria v.d. Wurff, AUA	1:18.72
200 M BACKSTROKE	
Alyssa Duncan, SWSC	2:45.55
Mardi Gomborg, PINE	2:46.04
Mary Kovacs, NMST	2:46.98
100 M BREASTSTROKE	
Laura Kersey, PCSC	1:23.12

Eastern Swimmer Continued

Meria v.d. Wurff, AUA	1:28.59
Jane Cronlund, CSSC	1:29.99
200 M BREASTSTROKE	
Patty Walko, Unat.	3:10.50
Elise Hendrickson, SWSC	3:14.04
Mary Kovacs, NMST	3:14.10
100 M BUTTERFLY	
Tricia Jackson, PCSC	1:09.83
Pam Smith, SWSC	1:10.24
Anitra Ingalls, PCSC	1:15.23
200 M BUTTERFLY	
Pam Smith, SWSC	2:40.28
Amy Tomkinson, ORCA	2:44.37
Mardi Gomberg, PINE	2:45.14
200 M INDIVIDUAL MEDLEY	
Tricia Jackson, PCSC	2:36.62
Regina Engelhardt, PCSC	2:42.96
Kelley Beebe, Unat.	2:43.09
400 M INDIVIDUAL MEDLEY	
Patty Walko, Unat.	5:49.26
Mardi Gomberg, PINE	5:50.35
Pam Smith, SWSC	5:53.83

Senior	
50 M FREESTYLE	
Laurie Steurer, ORCA	29.06
Cherida Roberts, SRSC	29.65
Dana Mitchell, SWSC	29.66
100 M FREESTYLE	
Dana Mitchell, SWSC	1:04.18
Ellen Lasher, FLST	1:04.50
Cherida Roberts, SRSC	1:04.56
200 M FREESTYLE	
Mirjam Bakker, SWSC	2:14.95
Kim Sipowski, PCSC	2:15.73
Beth Paul, HURR	2:17.48
400 M FREESTYLE	
Mirjam Bakker, SWSC	4:40.20
Kim Sipowski, PCSC	4:41.55
Beth Paul, HURR	4:54.73
100 M BACKSTROKE	
Mirjam Bakker, SWSC	1:10.74
Terri Baur, HURR	1:11.60
Callie Flipse, REAC	1:14.76
200 M BACKSTROKE	
Mirjam Bakker, SWSC	2:33.46
Callie Flipse, REAC	2:41.57
Lylie Breter, SWSC	2:42.49
100 M BREASTSTROKE	
Brigid Malone, MBS	1:22.73
Karen Ferandino, FLST	1:23.16
Stephanie Kneer, PCSC	1:23.36
200 M BREASTSTROKE	
Carol Cozier, BASA	2:59.21
Aida Sevilla, HURR	3:00.80
Amy Kaspert, NMST	3:05.84
100 M BUTTERFLY	
Mirjam Bakker, SWSC	1:10.13
Michelle Jardin, PINE	1:11.09
Olga Perez, BST	1:13.83
200 M BUTTERFLY	
Mirjam Bakker, SWSC	2:30.56
Beth Paul, HURR	2:32.11
Michelle Jardin, PINE	2:32.32
200 M INDIVIDUAL MEDLEY	
Mirjam Bakker, SWSC	2:35.26
Michelle Jardin, PINE	2:40.55
Brigid Malone, MBS	2:40.84
400 M INDIVIDUAL MEDLEY	
Mirjam Bakker, SWSC	5:23.71
Terri Baur, HURR	5:26.24
Anna Prozzillo, HURR	5:28.51

BOYS	
10 and under	
50 YD FREESTYLE	
Ilam Rzadkowsky, HURR	31.53
J. Lindo, YMCAK	33.35
S. Brinn, YMCAK	33.42
100 M FREESTYLE	
Ilam Rzadkowsky, HURR	1:08.93
Joey Kolber, HURR	1:11.85
S. Brinn, YMCAK	1:12.44
200 M FREESTYLE	
Ilam Rzadkowsky, HURR	2:27.56
Joey Kolber, HURR	2:33.18
Tim O'Neill, RCA	2:44.42
50 M BACKSTROKE	
Ilam Rzadkowsky, HURR	36.57
Julio Suarez, PDP	38.46
S. Brinn, YMCAK	39.09
100 M BACKSTROKE	
Ilam Rzadkowsky, HURR	1:19.37
Joey Kolber, HURR	1:25.70
Tim O'Neill, ORCA	1:27.24

50 M BREASTSTROKE	
Julio Suarez, PDP	42.28
J. Lindo, YMCAK	42.84
K. Gyles, YMCAK	43.30
100 M BREASTSTROKE	
K. Gyles, YMCAK	1:34.38
Craig Henderson, AALL	1:35.21
Nicholas Rabinovitch, HURR	1:41.79
50 M BUTTERFLY	
Mauricio Lopez, PINE	34.03
Julio Suarez, PDP	35.71
S. Brinn, YMCAK	36.81
100 M BUTTERFLY	
Jocko Nesbitt, HURR	1:23.39
George Kossenko, Unat.	1:24.73
Richard Freeman, FFSC	1:26.14
200 M INDIVIDUAL MEDLEY	
Ilam Rzadkowsky, HURR	2:44.97
Julio Suarez, PDP	2:51.68
S. Brinn, YMCAK	2:59.67

11-12	
50 M FREESTYLE	
Sal Hazday, HURR	29.75
Henry Artalejo, MOW	30.12
Laurens Albada, AALI	30.20
100 M FREESTYLE	
Paulo Anastacio, HURR	1:01.74
Paul Niemand, PCSC	1:04.93
Sal Hazday, HURR	1:05.07
200 M FREESTYLE	
Paul Niemand, PCSC	2:16.28
Sal Hazday, HURR	2:19.73
Steve Iaconis, HURR	2:21.02
50 M BACKSTROKE	
Paulo Anastacio, HURR	34.00
Tony Weiss, MOW	35.59
Laurens Albada, AALL	36.19
100 M BACKSTROKE	
Paulo Anastacio, HURR	1:11.92
Tony Weiss, MOW	1:14.59
Steve Iaconis, HURR	1:17.69
50 M BREASTSTROKE	
Mark Houllier, MSCCT	40.18
Paul Niemand, PCSC	40.20
Laurens Albada, AALL	40.73
100 M BREASTSTROKE	
Paulo Anastacio, HURR	1:17.59*
Paul Niemand, PCSC	1:26.18
Henry Artalejo, MOW	1:26.96
50 M BUTTERFLY	
Sal Hazday, HURR	32.01
Steve Iaconis, HURR	32.20
Jose Izaza, LAP	32.86
100 M BUTTERFLY	
Paulo Anastacio, HURR	1:09.26
Sal Hazday, HURR	1:10.30
Henry Artalejo, MOW	1:15.78
200 M INDIVIDUAL MEDLEY	
Paulo Anastacio, HURR	2:26.66*
Paul Niemand, PCSC	2:37.71
Sal Hazday, HURR	2:40.80

13-14	
50 M FREESTYLE	
A. Allen, YMCAK	26.45
M. Laduzinski, MBS	26.88
Robert Granados, DELF	27.74
100 M FREESTYLE	
Robert Granados, DELF	59.68
Anil Roberts, MSCCT	57.97
A. Allen, YMCAK	1:00.53
200 M FREESTYLE	
Robert Granados, DELF	2:08.76
M. Laduzinski, MBS	2:08.77
Roderick Espino, LASP	2:11.67
400 M FREESTYLE	
Robert Granados, DELF	4:34.20
M. Laduzinski, MBS	4:34.88
David Tinkham, MSR	4:39.46
100 M BACKSTROKE	
A. Allen, YMCAK	1:09.48
David Tinkham, MSR	1:10.05
Joe Russell, SWSC	1:13.29
200 M BACKSTROKE	
Bary Walker, YMCAK	2:31.45
David Tinkham, MSR	2:35.25
Joe Russell, SWSC	2:36.01
100 M BREASTSTROKE	
Bary Walker, YMCAK	1:14.56
Adrian Mike, AALL	1:17.63
Roderick Espino, LASP	1:18.10
200 M BREASTSTROKE	
Roderick Espino, LASP	2:47.25
Bary Walker, YMCAK	2:47.86
Robert Granados, DELF	2:47.97

100 M BUTTERFLY	
Robert Granados, DELF	1:03.69
A. Allen, YMCAK	1:06.23
M. Laduzinski, MBS	1:06.48
200 M BUTTERFLY	
Robert Granados, DELF	2:22.19
Joe Russell, SWSC	2:25.11
M. Laduzinski, MBS	2:31.63
200 M INDIVIDUAL MEDLEY	
Robert Granados, DELF	2:24.46
Bary Walker, YMCAK	2:24.70
Roderick Espino, LASP	2:30.70
400 M INDIVIDUAL MEDLEY	
Robert Granados, DELF	5:18.75
A. Allen, YMCAK	5:25.79
M. Laduzinski, MBS	5:26.88

Senior	
50 M FREESTYLE	
Chris Riley, PCSC	26.24
Steve Smutny, SWSC	26.37
Neil Prima, FFSC	26.75
100 M FREESTYLE	
Pat Schaefer, MBS	57.33
Neil Prima, FFSC	57.64
Bill Smutny, SWSC	58.67
200 M FREESTYLE	
Vance Tankersley, HURR	2:02.95
Pat Schaefer, MBS	2:02.90
Eric Sullivan, REAC	2:03.44
400 M FREESTYLE	
Pat Schaefer, MBS	4:22.59
Eric Sullivan, REAC	4:25.04
Steve Smutny, SWSC	4:31.54
100 M BACKSTROKE	
Pat Schaefer, MBS	1:05.68
Steve Smutny, SWSC	1:07.60
Jim Kok, AUA	1:07.83
200 M BACKSTROKE	
Pat Schaefer, MBS	2:18.62
Sean Parker, SWSC	2:25.68
Jim Kok, AUA	2:28.08
100 M BREASTSTROKE	
Ricardo Torres, LASP	1:14.29
Fernando Marroquin, DELF	1:14.57
Ronald Roberts, MSCCT	1:15.73
200 M BREASTSTROKE	
Ricardo Torres, LASP	2:41.71
Fernando Marroquin, DELF	2:43.77
Ronald Roberts, MSCCT	2:44.44
100 M BUTTERFLY	
Steve Smutny, SWSC	58.98
Pat Schaefer, MBS	1:03.00
Richard Clarke, MSCCT	1:03.60
200 M BUTTERFLY	
Steve Smutny, SWSC	2:15.66
Richard Clarke, MSCCT	2:26.76
Sean Roy, SWSC	2:29.41
200 M INDIVIDUAL MEDLEY	
Steve Smutny, SWSC	2:15.66
Richard Clarke, MSCCT	2:26.76
Sean Roy, SWSC	2:29.41
400 M INDIVIDUAL MEDLEY	
Bill Smutny, SWSC	2:22.79
Ricardo Torres, LASP	2:23.37
Steve Smutny, SWSC	2:25.79

SENIOR SWIMMING CHAMPIONSHIPS—C.C.S.L. Simsbury, Conn. Aug. 6-7, 1983 25 Yd. Pool

GIRLS	
13-14	
50 YD FREESTYLE	
M. Milliken, SIMS	26.56
S. Ferranti, VERN	27.38
D. Laviero, BRIS	27.75
100 YD FREESTYLE	
F. Freemer, VERN	58.09
M. Milliken, SIMS	58.92
P. Rossi, WLWJ	1:00.62
100 YD BACKSTROKE	
K. Conlon, SIMS	1:07.11
M. Paulin, BRLN	1:09.06
P. Rossi, WLWJ	1:11.61
100 YD BREASTSTROKE	
M. Freemer, VERN	1:18.08
J. Nocera, BRIS	1:19.37
C. Dellagaistina, ENF	1:20.90
50 YD BUTTERFLY	
C. McCoy, SIMS	29.35
D. Laviero, BRIS	29.75
M. Poulin, BRLN	29.91

200 YD INDIVIDUAL MEDLEY	
M. Poulin, BRLN	2:27.54
P. Rossi, WLWJ	2:27.66
M. Freemer, VERN	2:30.14

15-18	
50 YD FREESTYLE	
K. Hale, WRWR	26.88
K. Hildebrand, CS	27.38
M. Lizotte, SIMS	27.47
100 YD FREESTYLE	
K. Mabee, WRWR	1:00.80
M. Fiut, FINS	1:02.09
M. Lizotte, SIMS	1:02.21
100 YD BACKSTROKE	
S. Czaban, NEW	1:10.28
B. Armstrong, WLWJ	1:11.11
M. McMahon, WRWR	1:12.14
100 YD BREASTSTROKE	
R. Redman, BRIS	1:11.89
L. Sadowski, BRLN	1:12.34
S. Gale, WLWJ	1:13.59
100 YD BUTTERFLY	
K. Hale, WRWR	1:05.30
S. Gale, WLWJ	1:06.83
K. Hildebrand, CS	1:09.22
200 YD INDIVIDUAL MEDLEY	
L. Sadowski, BERL	2:16.63
D. Redman, BRIS	2:21.23
S. Gale, WLWJ	2:30.77

13-18	
200 YD FREESTYLE	
L. Sadowski, BRLN	1:59.77
M. Freemer, VERN	2:05.23
P. Rossi, WLWJ	2:09.84

BOYS	
13-14	
50 YD FREESTYLE	
C. Collette, WRWR	23.97
J. Watson, CS	24.99
E. Charbonneau, WALL	25.43
100 YD FREESTYLE	
L. Lee, SIMS	55.29
C. Collette, WRWR	56.66
E. Charbonneau, WALL	57.04
100 YD BACKSTROKE	
L. Lee, SIMS	1:02.94
J. Watson, CS	1:06.94
K. Siani, FINS	1:07.73
100 YD BREASTSTROKE	
K. Brown, SIMS	1:11.29
M. Ohon, ENF	1:11.32
J. Delgado, MER	1:14.39
50 YD BUTTERFLY	
J. Watson, CS	26.81
K. Brown, SIMS	26.88
P. Bier, WRWR	28.14
200 YD INDIVIDUAL MEDLEY	
L. Lee, SIMS	2:13.44
K. Brown, SIMS	2:17.88
J. Watson, CS	2:22.49

15-18	
50 YD FREESTYLE	
S. Sargalski, WRWR	23.48
D. Saxe, BLOOM	24.01JD
P. Van Zandt, PLV	23.97JD
100 YD FREESTYLE	
G. Margarino, BLOOM	52.41
P. Van Zandt, PLV	53.19
D. Saxe, BLOOM	54.62
100 YD BACKSTROKE	
P. Van Zandt, PLV	59.68
S. Jackson, WLWJ	1:00.52
S. Sargalski, WRWR	1:05.83
100 YD BREASTSTROKE	
R. Frank, SIMS	1:07.48
J. Neff, VERN	1:10.27
T. Rainey, WALL	1:10.75
100 YD BUTTERFLY	
J. McNulty, WRWR	57.98
M. Foley, PLV	1:01.30
W. Watson, VERN	1:01.53
200 YD INDIVIDUAL MEDLEY	
J. McNulty, WRWR	2:15.00
S. Jackson, WLWJ	2:18.38
M. Foley, PLV	2:19.84

13-18	
200 YD FREESTYLE	
G. Margarino, BLOOM	1:52.64
R. Frank, SIMS	2:02.11
S. Saxe, BLOOM	2:04.43

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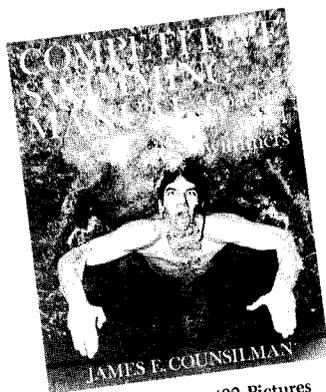
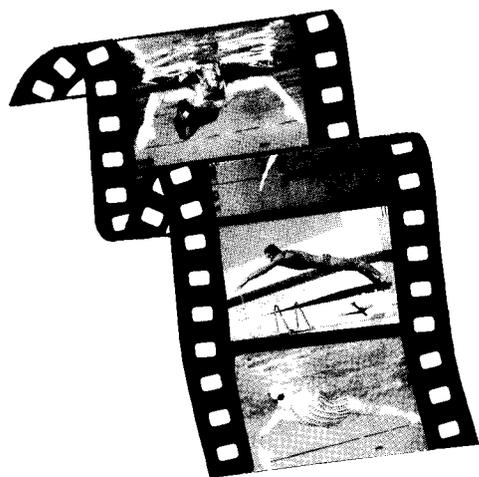
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 * National Record
 p Preliminary time
 r Relay leadoff split
 s Intermediate time
 so Swimoff
 h Hand time

Women

50 M FREESTYLE

Top 10 Performances

25.62**	Dara Torres, Unat.	Clovis	8-5-83
25.64*	Annenmarie Verstappen, HOL	Amersfoort	7-10-83
25.69p	Dara Torres, USA	Amersfoort	1-29-83
25.74p	Dara Torres, Unat.	Clovis	8-5-83
25.79	Jill Sterkel, Texas	Austin	4-3-81
25.79	Dara Torres, Unat.	Los Angeles	7-15-83
25.80p	Jill Sterkel, Industry	Brown Deer	8-15-81
25.82	Jill Sterkel, USA	Gainesville	4-11-82
25.93	Dara Torres, USA	Amersfoort	1-29-83
25.95	Jill Sterkel, Industry	Brown Deer	8-15-81

Remaining Top 25 Performers

26.08	Susie Thayer, USA	Honolulu	8-15-80
26.12p	Laurie Lehner, USA	Honolulu	8-15-80
26.20p*	Karin Seick, FRG	Northem	5-24-81
26.21	Sue Walsh, North Carolina	Indianapolis	8-20-82
26.22r	Tracy Caulkins, Nashville	Carbondale	7-12-81
26.25*	Carli Klimpel, CAN	Ettobicoke	7-15-80
26.33	Susan Tietjen, USA	Rio de Janeiro	2-18-82
26.35	Anne Jardin, CAN	Austin	4-10-80
26.36	Wendy Bogliotti, Cent. Jersey	Providence	7-13-80
26.37	Kelly Asplund, CPH	Austin	4-10-80
26.40p	Sue Scott, W. Chester	Brown Deer	8-15-81
26.40p	Conny Van Bentum, HOL	Amersfoort	1-29-83
26.42so	Heather Strang, Gr. Lansing	Irvine	7-29-80
26.46	Carrie Steinseifer, W. Valley	Clovis	8-5-83
26.47	Sue Habernigg, USA	Honolulu	8-15-80
26.48*	June Croft, GBR	Coventry	11-27-81
26.51	Tammy Thomas, Lawrence	Clovis	8-5-83
26.54	Cynthia Woodhead, Riverside	Austin	4-10-80
26.54p	Amie Lett, Bartow imperial	Irvine	7-29-80
26.54	Suze Fila, Riviera	Brown Deer	8-15-81
26.54	Libby Kinkead, W. Chester	Brown Deer	8-15-81
26.54	Juli Williams, Mission	Brown Deer	8-15-81
26.54*	Caren Metschuk, GDR	Erfurt	5-30-82
26.54*	Birgit Meincke, GDR	Gera	6-18-83
26.54	Jennifer Boyd, USA	Walnut Creek	6-13-83

100 M FREESTYLE

Top 10 Performances

54.79**	Barbara Krause, GDR	Moscow	7-21-80
54.90r	Barbara Krause, GDR	Moscow	7-27-80
54.98p	Barbara Krause, GDR	Moscow	7-20-80
55.16	Caren Metschuk, GDR	Moscow	7-21-80
55.18	Birgit Meincke, GDR	Rome	8-22-83
55.34p	Birgit Meincke, GDR	Guayaquil	8-1-82
55.41	Barbara Krause, GDR	East Berlin	7-5-78
55.44p	Caren Metschuk, GDR	Moscow	7-20-80
55.45	Caren Metschuk, GDR	Magdeburg	5-24-80
55.49r	Kristin Otto, GDR	Rome	8-24-83

Remaining Top 25 Performers

55.63*	Cynthia Woodhead, USA	Tokyo	9-2-79
55.65	Kornelia Ender, GDR	Montreal	7-19-76
55.85	Ines Diers, GDR	Moscow	7-21-80
55.87*	Annenmarie Verstappen, HOL	Guayaquil	8-1-82
55.92	Jill Sterkel, Longhorn	Austin	4-9-80
56.20	Susie Thayer, USA	Honolulu	8-14-80
56.26r	Wendy Bogliotti, USA	East Berlin	8-27-77
56.40h*	Irina Gerassimova, URS	Kiev	7-14-82
56.49	Petra Priemer, GDR	Montreal	7-19-76
56.52	Conny Van Bentum, HOL	Rome	8-22-83
56.52	Carrie Steinseifer, W. Valley	Clovis	8-3-83
56.57r	Tracy Caulkins, USA	West Berlin	8-26-78
56.57p	Dara Torres, Unat.	Clovis	8-3-83
56.58r	Sue Habernigg, Mission	Brown Deer	8-14-81
56.60*	Carli Klimpel, CAN	Heidelberg	7-29-81
56.60*	June Croft, GBR	Amersfoort	1-31-82
56.61	Sarina Huisenbeck, GDR	Magdeburg	5-24-80
56.61	Enith Brigitha, HOL	Montreal	7-19-76
56.61*	Karen Seick, FRG	Guayaquil	8-1-82
56.64r	Natalia Strunzkoiva, URS	Moscow	3-12-82
56.67so	Marybeth Linzmeier, Mission	Clovis	8-3-83

200 M FREESTYLE

Top 10 Performances

1:58.23**	Cynthia Woodhead, USA	Tokyo	9-3-79
1:58.33*	Barbara Krause, GDR	Moscow	7-24-80
1:58.43	Cynthia Woodhead, USA	San Juan	7-3-79
1:58.53	Cynthia Woodhead, USA	West Berlin	8-22-78
1:58.65	Cynthia Woodhead, USA	Kiev	8-22-81
1:58.67	Cynthia Woodhead, USA	Long Beach	4-21-79
1:59.04	Barbara Krause, GDR	East Berlin	7-2-78
1:59.14	Barbara Krause, GDR	Magdeburg	5-26-80
1:59.26	Kornelia Ender, GDR	Montreal	7-22-76
1:59.36	Cynthia Woodhead, Riverside	Ft. Lauderdale	8-16-79

Remaining Top 25 Performers

1:59.45	Birgit Meincke, GDR	Rome	8-24-83
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1:59.53*	Annenmarie Verstappen, HOL	Guayaquil	8-2-82
1:59.63r	Kristin Otto, GDR	Rome	8-22-83
1:59.64	Ines Diers, GDR	Moscow	7-24-80
1:59.74*	June Croft, GBR	Brisbane	10-5-82
1:59.80	Astrid Strauss, GDR	Gera	6-16-83
2:00.05	Marybeth Linzmeier, Mission	Brown Deer	8-14-81
2:00.08	Carmela Schmidt, GDR	Magdeburg	5-26-80
2:00.29	Petra Thumer, GDR	Jonkoepping	8-16-77
2:00.39	Kim Linehan, Longhorn	Ft. Lauderdale	8-18-79
2:00.60*	Tracey Wickham, AUS	Brisbane	10-4-82
2:00.61	Conny Van Bentum, HOL	Rome	8-23-83
2:00.63*	Rebecca Perrott, NZL	Edmonton	8-7-78
2:00.69	Shirley Babashoff, Mission	Belmont Plaza	6-16-76
2:00.77	Tiffany Cohen, Mission	Mission Viejo	7-20-82
2:00.84	Annelies Maas, HOL	Guayaquil	8-2-82
2:00.87	Sara Linke, Walnut Creek	West Berlin	7-20-82
2:01.00*	Ina Beyersmann, FRG	Bonn	7-4-81
2:01.03	Mary Wayte, Chinook	Clovis	8-4-83
2:01.04r	Tracy Caulkins, Nashville	Brown Deer	8-15-81
2:01.13*	Irina Gerassimova, URS	Guayaquil	8-2-82
2:01.14	Mary T. Meagher, Lakeside	Brown Deer	8-14-81

400 M FREESTYLE

Top 10 Performances

4:06.28**	Tracey Wickham, AUS	West Berlin	8-24-78
4:07.12*	Kim Linehan, Longhorn	Austin	7-27-79
4:07.15	Cynthia Woodhead, USA	West Berlin	8-24-78
4:07.66	Kim Linehan, Sarasota YMCA	Woodlands	8-2-82
4:07.73	Kim Linehan, USA	West Berlin	8-24-78
4:07.77	Kim Linehan, Longhorn	Irvine	7-31-80
4:07.84	Kim Linehan, Longhorn	Austin	1-5-80
4:08.05	Tiffany Cohen, Mission	Clovis	8-5-83
4:08.07*	Astrid Strauss, GDR	Rome	8-24-83
4:08.17	Cynthia Woodhead, USA	Irvine	7-31-80

Remaining Top 25 Performers

4:08.58	Ines Diers, GDR	Split	9-9-81
4:08.71	Carmela Schmidt, GDR	Split	9-9-81
4:08.91	Petra Thumer, GDR	Jonkoepping	8-17-77
4:09.16	Petra Schneider, GDR	Moscow	7-22-80
4:09.40*	Annelies Maas, HOL	Jonkoepping	8-17-77
4:09.82	Marybeth Linzmeier, Mission	Mission Viejo	7-21-82
4:10.25	Michelle Ford, AUS	Edmonton	8-9-78
4:10.37	Anke Sonnenbrodt, GDR	Rome	8-24-83
4:10.46	Shirley Babashoff, USA	Montreal	7-20-76
4:11.58	Stephanie Elkins, CPM	Irvine	7-31-80
4:11.67*	Jackie Willmott, GDR	Guayaquil	8-3-82
4:11.69	Barbara Krause, GDR	East Berlin	6-3-76
4:12.40	Jolanda van der Meer, HOL	Guayaquil	8-3-82
4:12.75	Anett Kalatz, GDR	Potsdam	4-8-79
4:12.77	Jacqueline Alex, GDR	Erfurt	5-28-82
4:12.83	Michele Richardson, Hurricane	Clovis	8-5-83
4:12.83*	Julia Daigneault, CAN	Montreal	7-30-83
4:12.90*	Irina Laritscheva, URS	Rome	8-24-83
4:13.01*	Ina Beyersmann, FRG	Rome	8-24-83
4:13.13	June Croft, GBR	Brisbane	10-6-82
4:13.39	Daniela Uebel, GDR	Erfurt	5-28-82

800 M FREESTYLE

Top 10 Performances

8:24.62**	Tracey Wickham, AUS	Edmonton	8-5-78
8:24.70*	Kim Linehan, Longhorn	Ft. Lauderdale	8-16-79
8:24.94	Tracey Wickham, AUS	West Berlin	8-28-78
8:25.78	Michelle Ford, AUS	Edmonton	8-5-78
8:27.48	Kim Linehan, USA	Guayaquil	8-5-82
8:27.80	Marybeth Linzmeier, Mission	Brown Deer	8-13-81
8:27.82	Kim Linehan, Longhorn	Austin	4-9-80
8:28.00	Kim Linehan, Longhorn	Irvine	7-29-80
8:28.90	Michelle Ford, AUS	Moscow	7-27-80
8:29.05	Tracey Wickham, AUS	Brisbane	10-2-82

Remaining Top 25 Performers

8:29.35	Cynthia Woodhead, Riverside	Ft. Lauderdale	8-16-79
8:29.48	Tiffany Cohen, Mission	Mission Viejo	7-23-82
8:29.61*	Astrid Strauss, GDR	Gera	6-19-83
8:31.07	Anke Sonnenbrodt, GDR	East Berlin	3-31-83
8:32.55	Ines Diers, GDR	Moscow	7-27-80
8:32.61*	Jackie Willmott, GDR	Guayaquil	8-5-82
8:32.79	Carmela Schmidt, GDR	Split	9-11-81
8:33.48	Heike Dahne, GDR	Moscow	7-27-80
8:35.07	Petra Thumer, GDR	Leipzig	7-9-77
8:35.17	Florence Barker, Mission	Brown Deer	8-13-81
8:35.17	Petra Schneider, GDR	Erfurt	5-30-82
8:35.87	Karin LaBerge, Germantown	Mission Viejo	7-23-82
8:36.52	Michele Richardson, Hurricane	Clovis	8-3-83
8:37.13	Alice Browne, USA	East Berlin	8-27-77
8:37.13	Sherri Hanna, Mission	Irvine	7-29-80
8:37.59	Shirley Babashoff, USA	Montreal	7-25-76
8:38.05*	Irina Aksenova, URS	Moscow	7-27-80
8:39.05	Manuela Gopfert, GDR	Gera	6-19-83
8:39.33*	Annelies Maas, HOL	Jonkoepping	8-21-77
8:39.48	Stephanie Elkins, CPM	Irvine	7-29-80
8:40.31	Larisa Laritscheva, URS	Edmonton	7-6-83

1500 M FREESTYLE

Top 10 Performances

16:04.40**	Kim Linehan, Longhorn	Ft. Lauderdale	8-19-79
16:06.63*	Tracey Wickham, AUS	Perth	2-25-79
16:08.02	Marybeth Linzmeier, Mission	Ft. Lauderdale	8-19-79
16:11.16	Michelle Ford, AUS	North Sydney	12-19-80
16:11.97	Tiffany Cohen, Mission	Clovis	8-6-83
16:12.16	Michelle Ford, AUS	Brisbane	11-0-81
16:14.93	Tracey Wickham, AUS	Brisbane	2-8-78

16:15.58	Kim Linehan, Longhorn	Austin	4-12-80
16:15.66	Kim Linehan, Sarasota YMCA	Mission Viejo	8-25-78
16:16.86	Marybeth Linzmeier, Mission	Brown Deer	8-16-81

Remaining Top 25 Performers

16:18.94	Karin LaBerge, Germantown	Indianapolis	8-21-82
16:24.60	Alice Browne, Mission	Mission Viejo	8-21-77
16:25.72	Michele Richardson, Hurricane	Clovis	8-6-83
16:27.37	Florence Barker, Mission	Brown Deer	8-16-81
16:27.89*	Ines Diers, GDR	East Berlin	8-27-81
16:28.97	Stacy Shupe, Industry	Clovis	8-6-83
16:29.20	Sherri Hanna, Mission	Brown Deer	8-16-81
16:29.29	Susan Andra, Mission	Indianapolis	8-21-82
16:31.57	Nancy Nemet, CPM	Clovis	8-6-83
16:33.12	Laura Campuzano, Industry	Brown Deer	8-16-81
16:33.56*	Roberta Falotti, ITA	Florence	8-26-79
16:33.94	Jenny Turrill, AUS	Concord	8-25-74
16:34.65	Jennifer Hooker, Mission	Mission Viejo	8-21-77
16:34.80	Linda Irish, Longhorn	Irvine	8-2-80
16:34.82	Judy Scovel, De Anza	Austin	4-12-80
16:35.10	Trudy Housman, AUS	Brisbane	11-0-81
16:35.49	Anna McVann, AUS	Los Angeles	7-17-83
16:36.51	Rosie Brown, FAST	Brown Deer	8-16-81
16:38.40	Valerie Lee, Mission	Mission Viejo	8-21-77
16:39.12	Cynthia Woodhead, Riverside	Mission Viejo	6-25-78

100 M BACKSTROKE

Top 10 Performances

1:00.86**	Rica Reinisch, GDR	Moscow	7-23-80
1:01.30	Kristin Otto, GDR	Guayaquil	8-3-82
1:01.32	Ina Kleber, GDR	Gera	6-18-83
1:01.47	Ina Kleber, GDR	Guayaquil	8-3-82
1:01.48p	Cornelia Sirch, GDR	Gera	6-18-83
1:01.50p	Rica Reinisch, GDR	Moscow	7-22-80
1:01.51r	Ulrike Richter, GDR	East Berlin	6-5-76
1:01.51r	Rica Reinisch, GDR	Moscow	7-20-80
1:01.61	Ina Kleber, GDR	Erfurt	6-20-82
1:01.62	Kornelia Ender, GDR	East Berlin	6-3-76
1:01.62	Ina Kleber, GDR	East Berlin	4-3-83

Remaining Top 25 Performers

1:02.08	Birthe Weigang, GDR	Mulhouse	8-5-83
1:02.19*	Carmen Bunaciu, ROM	Bucharest	7-12-81
1:02.48*	Sue Walsh, USA	Indianapolis	8-21-82
1:02.55	Linda Jezek, USA	Caracas	8-21-83
1:02.60	Petra Riedel, GDR	West Berlin	8-22-78
1:02.63	Birgit Treiber, GDR	Magdeburg	5-24-80
1:02.63	Kathrin Zimmermann, GDR	Jonkoepping	8-21-77
1:02.70*	Larisa Gortschakova, URS	East Berlin	4-1-83
1:02.87	Cornelia Polit, GDR	Moscow	3-14-82
1:02.96r	Betsy Mitchell, CPM	East Berlin	7-3-81
1:03.02	Viktoryia Klochko, URS	Clovis	8-6-83
1:03.04	Theresa Andrews, N. Baltimore	Moscow	8-21-83
1:03.11	Joan Pennington, Longhorn	Brown Deer	8-16-81
1:03.28	Nancy Garapick, CAN	Clovis	8-6-83
1:03.32	Nancy Garapick, CAN	Montreal	7-20-76
1:03.33	Debbie Risen, K.C. Blazers	Clovis	8-6-83
1:03.36	Antje Stille, GDR	Gera	4-10-77
1:03.43	Cheryl Gibson, CAN	West Berlin	8-22-78
1:03.47	Kim Carlisle, CPM	Irvine	7-31-80
1:03.48*	Lisa Forrest, AUS	Brisbane	10-4-82

200 M BACKSTROKE

Top 10 Performances

2:09.91**	Cornelia Sirch, GDR	Guayaquil	8-7-82
2:10.92	Cornelia		

ALL-TIME LONG COURSE *continued*



(Photo by Tony Duffy)

Even though nearly a decade has passed since DDR's Roland Matthes, Kornelia Ender and Ulrike Tauber have competed, all three still hold times among the top 25 world performers.

1:09.52	Ute Geweniger, GDR	Gera	4:19-81
1:09.53*	Tracy Caulkins, Nashville	Tuscaloosa	7:24-81
1:09.59	Ute Geweniger, GDR	Erfurt	5:28-82
1:09.62	Sylvia Gerasch, GDR	Rome	8:25-83
Remaining Top 25 Performers			
1:10.31*	Julia Bogdanova, URS	West Berlin	8-22-78
1:10.41	Elvira Vasilikova, URS	Moscow	7:26-80
1:10.50	Larisa Belokon, URS	Kiev	8:23-81
1:10.63*	Anne Ottenbrite, CAN	Caracas	8:20-83
1:10.68	Lina Kachushite, URS	Potsdam	4-8-79
1:10.77*	Tania Bogomilova, BUL	Rome	8:25-83
1:10.79	Kim Rhodenbaugh, CPM	Indianapolis	8-21-82
1:10.79*	Petra Van Staveren, HOL	Rome	8:25-83
1:10.86	Hannelore Anke, GDR	Montreal	7:22-76
1:10.97*	Hiroko Nagasaki, JPN	Tokyo	8:27-83
1:10.98*	Sabrina Negasator, ITA	Rome	8:25-83
1:11.05*	Susannah Brownson, GBR	Split	9-8-81
1:11.14*	Eva-Marie Wikansson, SWE	Rome	8-25-83
1:11.16*	Susanne Nilsson, DEN	Moscow	7:26-80
1:11.26	Olga Zelenkova, URS	Rome	8:25-83
1:11.29	Svetlana Varganova, URS	Kiev	7:15-82
1:11.37	Petra Schneider, GDR	Magdeburg	5:26-80
1:11.44	Stike Horner, GDR	East Berlin	2:17-82
1:11.48	Margaret Kelly, GBR	Moscow	7:26-80
1:11.51p	Jeanne Childs, Punahou	Mission Viejo	7:22-82
1:11.63	Ayshkute Buzluite, URS	Kiev	1:11-83
1:11.83	Shannon Orcutt, Mission	Brown Deer	8:16-81

200 M BREASTSTROKE			
Top 10 Performances			
2:28.36**	Lina Kachushite, URS	Potsdam	4-6-79
2:28.82	Svetlana Varganova, URS	Guayaquil	8-2-82
2:29.23	Svetlana Varganova, URS	Leningrad	2:21-80
2:29.45	Lina Kachushite, URS	Leningrad	3-7-80
2:29.54	Lina Kachushite, URS	Moscow	7:23-80
2:29.61	Svetlana Varganova, URS	Moscow	7:23-80
2:29.71*	Ute Geweniger, GDR	Guayaquil	8-2-82
2:29.77p	Svetlana Varganova, URS	Guayaquil	7:23-80
2:29.91*	Hiroko Nagasaki, JPN	Los Angeles	7:14-83
2:30.12p	Svetlana Varganova, URS	Guayaquil	8-2-82
Remaining Top 25 Performers			
2:30.55*	Anne Ottenbrite, CAN	Montreal	7:30-83
2:30.67	Sylvia Gerasch, GDR	Rome	8:23-83
2:31.06	Larisa Belokon, URS	Kiev	7:14-82
2:32.01	Julia Bogdanova, URS	Moscow	7:28-79
2:32.41*	Jeanne Childs, Punahou	Mission Viejo	7:20-82
2:32.43	Svetlana Alimbayeva, URS	Moscow	2:12-82
2:32.43	Tracy Caulkins, Nashville	Tuscaloosa	7:25-81
2:32.64	Stike Horner, GDR	Erfurt	5:28-82
2:32.75*	Susanne Nilsson, DEN	Moscow	7:23-80
2:32.79*	Irena Fleissnerova, TCH	Moscow	7:23-80
2:32.83	Olga Zelenkova, URS	Moscow	8-1-83
2:32.96	Kim Rhodenbaugh, CPM	Clovis	8-3-83
2:33.35	Marina Kosheva, URS	Montreal	7:21-76
2:33.43	Susan Rapp, Eden Prairie	Clovis	8:3-83
2:33.46	Bettina Goebel, GDR	Magdeburg	5:25-80
2:33.80	Tania Bogomilova, BUL	Rome	8:23-83
2:34.28	Bevley Acker, Cape Coast	Mission Viejo	7:20-82
2:34.31	Ayshkute Buzluite, URS	Kiev	7:14-82
2:34.41*	Ute Haste, FRG	Rome	8:23-83
2:34.43	Susannah Brownson, GBR	Kiev	7:3-81
2:34.53	Kathy Bald, CAN	Montreal	7:30-83

100 M BUTTERFLY			
Top 10 Performances			
57.93**	Mary T. Meagher, Lakeside	Brown Deer	8:16-81
59.26	Mary T. Meagher, CPM	Austin	4:11-80
59.41	Mary T. Meagher, CPM	Irvine	8:2-80
59.41	Mary T. Meagher, USA	Guayaquil	8:5-82

59.44	Mary T. Meagher, Lakeside	Mission Viejo	7:22-82
59.46*	Andrea Pollack, GDR	East Berlin	7-3-78
59.54	Laurie Lettner, Gold Vault	Clovis	8-6-83
59.68p	Laurie Lettner, Gold Vault	Clovis	8-6-83
59.71	Mary T. Meagher, USA	Tokyo	9:3-79
59.75	Mary T. Meagher, Lakeside	Indianapolis	8:21-82
Remaining Top 25 Performers			
59.76	Christiane Knacke, GDR	East Berlin	7:28-77
59.83	Tracy Caulkins, USA	Austin	1:5-80
1:00.13	Kornelia Ender, GDR	Montreal	7:22-76
1:00.19	Ines Geissler, GDR	Gera	6:19-83
1:00.20	Joan Pennington, USA	West Berlin	8:23-78
1:00.34	Jill Sterkel, Longhorn	Austin	4:11-80
1:00.40	Ute Geweniger, GDR	Split	9-9-81
1:00.42	Melanie Buddemeyer, USA	Guayaquil	8:5-82
1:00.42	Caren Metschuck, GDR	Moscow	7:24-80
1:00.59	Lisa Bussie, USA	San Juan	7:57-79
1:00.75	Patty King, Nashville	Clovis	8:6-83
1:00.75	Maud Lauckner, GDR	Erfurt	5:30-82
1:00.83	Cornelia Polit, GDR	Gera	6:19-83
1:00.89*	Takemi Ise, JPN	Tokyo	8:30-81
1:00.97	Diane Johannigman, CPM	Austin	4:11-80
1:00.99**	Karin Seick, FRG	East Berlin	2:27-80
1:01.08	Naoko Kume, JPN	Tokyo	7:28-83
1:01.10*	Cinzia Savi-Scarpino, ITA	Rome	8:19-80
1:01.16	Wendy Boglioli, Cent. Jersey	Mission Viejo	8:18-77
1:01.19	Jodi Eyles, Ft. Lauderdale	Indianapolis	8:21-82
1:01.21	Lisa Curry, AUS	Brisbane	10:3-82
1:01.25	Kathleen Nord, GDR	Erfurt	5:30-82

200 M BUTTERFLY			
Top 10 Performances			
2:05.96**	Mary T. Meagher, Lakeside	Brown Deer	8:13-81
2:06.37*	Mary T. Meagher, GDR	Irvine	7:30-80
2:07.01	Mary T. Meagher, Lakeside	Ft. Lauderdale	8:16-79
2:07.14	Mary T. Meagher, Lakeside	Indianapolis	8:18-82
2:07.41	Mary T. Meagher, Lakeside	Mission Viejo	7:24-82
2:07.82*	Cornelia Polit, GDR	Rome	8:27-83
2:08.03	Ines Geissler, GDR	Gera	6:19-83
2:08.09	Ines Geissler, GDR	Rome	8:27-83
2:08.41p	Mary T. Meagher, Lakeside	Ft. Lauderdale	8:16-79
2:08.63	Mary T. Meagher, USA	Tokyo	8:27-83
Remaining Top 25 Performers			
2:09.59	Heike Dahne, GDR	Split	9:8-81
2:09.67	Andrea Pollack, GDR	East Berlin	7:4-78
2:09.87	Tracy Caulkins, USA	West Berlin	8:26-78
2:10.09	Kathleen Nord, GDR	Gera	6:19-83
2:10.45	Sybille Schonrock, GDR	Moscow	7:21-80
2:11.07	Nancy Hogshead, FAST	Irvine	7:30-80
2:11.22	Rosemarie Gabriel, GDR	East Berlin	8-8-78
2:11.29*	Michelle Ford, AUS	Edmonton	8-8-78
2:11.33	Jackie Linehan, GDR	East Berlin	4-2-83
2:11.57	Kim Linehan, Longhorn	Irvine	7:30-80
2:11.70	Linda Thompson, AFOX	Irvine	7:30-80
2:11.74	Mayumi Yokoyama, USA	Austin	1:6-80
2:11.96*	Naoko Kume, JPN	Tokyo	8:31-80
2:12.12	Linda Hank, AUS	Melbourne	3:20-80
2:12.15*	Wendy Quirel, CAN	Tokyo	8:31-80
2:12.16	Anett Kalatz, GDR	East Berlin	3-4-81
2:12.20*	Petra Zindler, FRG	Hannover	6:22-83
2:12.48	Diane Johannigman, CPM	Irvine	7:30-80
2:12.50	Ulrike Tauber, GDR	Montreal	17-9-76
2:12.58	Christiane Knacke, GDR	East Berlin	2:27-80
2:12.77	Anett Fiebig, GDR	Jonkhepping	8:18-77
2:12.87*	Conny Van Bentum, HOL	Rome	7:30-80

200 M INDIVIDUAL MEDLEY			
Top 10 Performances			
2:11.73**	Ute Geweniger, GDR	East Berlin	7:5-81

2:11.79	Petra Schneider, GDR	Guayaquil	8-6-82
2:11.80	Ute Geweniger, GDR	Erfurt	5:31-82
2:12.64	Ute Geweniger, GDR	Split	9:11-81
2:12.68	Ute Geweniger, GDR	Gera	6:19-83
2:13.00	Petra Schneider, GDR	Magdeburg	5:24-80
2:13.07	Ute Geweniger, GDR	Rome	8:26-83
2:13.38	Ute Geweniger, GDR	Guayaquil	8:6-82
2:13.49	Petra Schneider, GDR	Split	9:11-81
2:13.69*	Tracy Caulkins, USA	Austin	1:5-80
Remaining Top 25 Performers			
2:14.25	Kathleen Nord, GDR	Gera	6:16-83
2:14.98	Joan Pennington, USA	West Berlin	8:20-78
2:15.85	Ulrike Tauber, GDR	East Berlin	8:28-77
2:16.65*	Cinzia Savi-Scarpino, ITA	Rome	7:19-83
2:16.72*	Irina Gerassimova, URS	Rome	8:26-83
2:16.94*	Lisa Curry, AUS	Brisbane	10:2-82
2:17.05	Grit Slaby, GDR	East Berlin	7:4-81
2:17.14*	Kornelia Ender, GDR	East Berlin	6:5-76
2:17.31*	Sharon Davies, GBR	Blackpool	4:20-80
2:17.34	Susan Rapp, Eden Prairie	Clovis	8:5-83
2:17.39	Cynthia Woodhead, Riverside	Austin	4:10-80
2:17.60	Olga Klevakina, URS	West Berlin	8:20-78
2:17.65	Patty Gavin, USA	Kiev	8:21-81
2:17.67	Polly Winde, Germantown	Mission Viejo	7:23-82
2:17.79	Sabine Kathle, GDR	Jonkhepping	8:20-77
2:17.90	Nancy Hogshead, FAST	Irvine	8:1-80
2:18.00*	Petra Zindler, FRG	Hannover	6:25-83
2:18.00*	Michele McPherson, CAN	Montreal	7:29-83
2:18.03*	Susanne Nielsson, DEN	Greve	8:3-81
2:18.06	Anne Tweedy, Santa Barbara	Woodlands	8:2-78
2:18.08	Birgit Meineke, GDR	Erfurt	5:31-82
2:18.25	Svetlana Koptchikova, URS	Rome	8:26-83

400 M INDIVIDUAL MEDLEY			
Top 10 Performances			
4:36.10**	Petra Schneider, GDR	Guayaquil	8-1-82
4:36.29	Petra Schneider, GDR	Moscow	7:26-80
4:37.59	Petra Schneider, GDR	Erfurt	7:23-82
4:38.44	Petra Schneider, GDR	Magdeburg	5:27-80
4:39.30	Petra Schneider, GDR	Split	8:7-81
4:39.54	Petra Schneider, GDR	Gera	6:16-83
4:39.95	Kathleen Nord, GDR	Rome	8:22-83
4:39.96	Petra Schneider, GDR	Leningrad	3-8-80
4:40.34	Petra Schneider, GDR	Rome	8:22-83
4:40.61*	Tracy Caulkins, Nashville	Irvine	7:30-80
Remaining Top 25 Performers			
4:42.77	Ulrike Tauber, GDR	Montreal	7:24-76
4:45.43	Ute Geweniger, GDR	Split	9:7-81
4:46.83*	Sharon Davies, GBR	Moscow	7:26-80
4:47.08	Patty Gavin, W. Chester	Mission Viejo	7:19-82
4:47.19	Anne Tweedy, USA	San Juan	7:5-79
4:47.62	Grit Slaby, GDR	East Berlin	7:1-81
4:47.81	Nancy Hogshead, FAST	Irvine	8:20-80
4:47.90*	Petra Zindler, FRG	Rome	8:22-83
4:48.00	Polly Winde, Germantown	Clovis	8:4-83
4:48.10*	Cheryl Gibson, CAN	Montreal	7:24-76
4:48.17*	Agnieszka Czopek, POL	Moscow	7:26-80
4:48.43	Vera Barker, Mission	Mission Viejo	7:19-82
4:48.56*	Suzanne Landells, AUS	Los Angeles	7:15-83
4:48.79	Birgit Treiber, GDR	East Berlin	6:1-76
4:49.11*	Cinzia Savi-Scarpino, ITA	Rome	7:17-83
4:49.16*	Olga Klevakina, URS	West Berlin	8:23-78
4:49.25*	Sonia Dangalakova, BUL	Moscow	7:26-80
4:49.43	Elena Dendeleberova, URS	Rome	8:22-83
4:49.57	Sabine Kathle, GDR	East Berlin	8:27-77
4:49.61	Karin LaBerge, Germantown	Irvine	7:30-80
4:50.08	Sue Heon, Germantown	Clovis	8:4-83
4:50.12	Michele McPherson, CAN	Thunder Bay	8:20-81

400 M MEDLEY RELAY			
Top 10 Performances			
4:05.79**	GDR National Team	Rome	8:26-83
4:05.88	GDR National Team	Guayaquil	8:6-82
4:06.67	GDR National Team	Moscow	7:20-80
4:07.95	GDR National Team	Montreal	7:18-76
4:08.12*	USA National Team	West Berlin	8:0-82
4:08.21	USA National Team	Guayaquil	8:0-82
4:08.82	GDR National Team	Moscow	3:14-82
4:08.89p	GDR National Team	Moscow	7:20-80
4:09.13	GDR National Team	West Berlin	8:20-78
4:09.72	GDR National Team	Split	9:11-81
Remaining Top 25 Performers			
4:10.04*	URS National Team	Moscow	3:12-82
4:10.48	Karl-Marx-Stadt, GDR	Gera	6:15-83
4:10.70	GDR National Team	East Berlin	8:28-77
4:11.59	Cincinnati Pepsi Marlins, USA	Austin	4:12-80
4:11.97	USA National Team	Kiev	8:23-81
4:12.24*	GBR National Team	Moscow	7:20-80
4:12.35	URS National Team	Guayaquil	8:6-82
4:12.37*	HOL National Team	Guayaquil	8:6-82
4:12.52	DDR I	Leningrad	3:9-80
4:12.56	Karl-Marx-Stadt, DDR	East Berlin	7:4-81
4:12.77	USA National Team	Austin	1:6-80
4:12.78	HOL National Team	Rome	8:26-83
4:12.81p	GDR National Team	Guayaquil	8:6-82
4:12.99	USA National Team	Caracas	8:21-83
4:13.21	Karl-Marx-Stadt I, GDR	Erfurt	5:27-82

400 M FREESTYLE RELAY			
Top 10 Performances			
3:42.71*	GDR National Team	Moscow	7:27-80
3:43.43*	USA National Team	West Berlin	8:26-78
3:43.97	GDR National Team	Guayaquil	8:3-82
3:44.37	GDR National Team	Split	9:8-81
3:44.72	GDR National Team	Rome	8:24-83
3:44.82	USA National Team	Montreal	7:25-76
3:45.19p	GDR National Team	Moscow	7:27-80
3:45.50	GDR National Team	Montreal	7:25-76
3:45.68	Mission Viejo "A", USA	Brown Deer	8:15-81
3:45.76	USA National Team	Guayaquil	8:3-82
Remaining Top 25 Performers			
3:45.92	USA National Team	San Juan	7:7-79
3:45.95*	HOL National Team	Guayaquil	8:3-82
3:46.32	USA National Team	Tokyo	9:17-79
3:46.54	USA National Team	Caracas	8:18-83
3:46.62	GDR National Team	Ulrecht	8:11-79
3:46.63	GDR National "A" Team	Leningrad	3:7-80
3:46.71	FAST "A", USA	Clovis	8:5-83
3:46.77	GDR National Team	East Berlin	8:27-77
3:47.31	USA National Team	Austin	1:5-80



(Photo by Tony Duffy)

Sippy Woodhead (left) has come a long way since she was a budding 12 year old being interviewed by Sports Illustrated's Jerry Kirschenbaum. She holds six of the top 10 world performances in the 200 meter

freestyle and still claims the world record at 1:58.23. The DDR's Petra Schneider (right) has done just as well, holding down eight of the top nine performances in the 400 IM, including the world mark of 4:36.10.

3:47.37	GDR National Team	West Berlin	8-26-78	22.99	Scott Findorff, USA	Honolulu	8-15-80	1:49.89	Bruce Hayes, USA	Caracas	8-17-83
3:47.42*	FRG National Team	Split	9-8-81	23.03	Chris Cavanaugh, Santa Clara	Indianapolis	8-20-82	1:50.01	Thomas Fahrner, FRG	Hannover	6-21-83
3:47.53p	HOL National Team	Guayaquil	8-3-82	23.05*	Pelle Holmeritz, CPH (SWE)	Austin	4-10-80	1:50.27*	Peter Szmidt, CAN	Etobicoke	7-17-80
3:47.86*	CAN National Team	Etobicoke	7-23-80	23.07p	Randy Kyle, UT Gatorade S.	Clovis	8-5-83	1:50.28	Bruce Furniss, USA	Montreal	7-19-76
3:47.94	USA National Team	Kiev	8-21-81	23.10	Kris Kirchner, Texas	Austin	4-3-81	1:50.33	Andreas Schmidt, FRG	Hannover	6-21-83
3:48.01	GDR National Team	Moscow	3-14-82	23.11	David McCagg, FAST	Indianapolis	8-20-82	1:50.36*	Alberto Mestre, VEN	Caracas	8-17-83
800 M FREESTYLE RELAY				23.14	Jerry Spencer, Mission	Irvine	7-29-80	1:50.41	David Larson, FAST	Clovis	8-4-83
Top 10 Performances				23.14	Asa Lawrence, Longhorn	Clovis	8-5-83	1:50.50	John Naber, USA	Montreal	7-19-76
8:02.27**	GDR National Team	Rome	8-22-83	23.18	John Newton, UT Gatorade S.	Austin	4-10-80	1:50.53*	Rich Saeger, USA	Guayaquil	8-3-82
8:07.44*	Mission Viejo "A", USA	Brown Deer	8-14-81	23.21	Eric Finch, Longhorn	Brown Deer	8-15-81	1:50.58	Jim Montgomery, USA	Montreal	7-19-76
8:10.22	FAST "A", USA	Clovis	8-4-83	23.21*	Bernd Hoffmeister, FRG	Hannover	6-23-83	1:50.61	Andy Varis, Dr. Pepper	Austin	4-11-80
8:11.12	Mission Viejo "A", USA	Clovis	8-4-83	100 M FREESTYLE							
8:11.69*	FRG National Team	Rome	8-22-83	Top 10 Performances							
8:12.41*	HOL National Team	Rome	8-22-83	49.36**	Rowdy Gaines, Auburn	Austin	4-3-81	1:50.88	Aleksai Filonov, URS	Kiev	7-15-82
8:13.07	Cinci Pepsi Marlins "A", USA	Irvine	8-1-80	49.44*	Jonty Skinner, N. River (SAF)	Philadelphia	8-14-76	1:50.89	Alexander Schwotka, FRG	Hannover	6-21-83
8:14.76	Longhorn "A", USA	Irvine	8-1-80	49.47p	Rowdy Gaines, Auburn	Austin	4-3-81	1:50.91	Doug Towne, TFJ	Brown Deer	8-14-81
8:15.25	USA National Team	Knoxville	8-27-82	49.58*	Joerg Woithe, GDR	Gera	6-17-83	1:50.92	Mike Heath, Mustang	Indianapolis	8-19-82
8:15.50*	GDR National Team	Rome	8-22-83	49.60p	Joerg Woithe, GDR	Guayaquil	8-3-82	1:51.02	Billy Forrester, USA	West Berlin	8-20-78
Remaining Top 25 Performers				49.61	Rowdy Gaines, FAST	Austin	4-9-80	1:51.04	Tim Shaw, USA	Calli	7-22-75
8:16.59	Nashville "A", USA	Brown Deer	8-14-81	49.61p	Rowdy Gaines, FAST	Irvine	7-30-80	400 M FREESTYLE			
8:17.00	Mission Viejo "A", USA	Indianapolis	8-19-82	49.78r	Rowdy Gaines, FAST	Irvine	7-31-80	Top 10 Performances			
8:17.06	Mission Viejo "A", USA	Mission Viejo	8-18-77	49.81r	Jonty Skinner, N. River (SAF)	Philadelphia	8-14-76	3:48.32**	Vladimir Salnikov, URS	Moscow	2-19-83
8:17.37	USA National Team	Honolulu	8-16-80	49.81	Joerg Woithe, GDR	Erfurt	5-29-82	3:49.27*	Sven Lodziewski, GDR	Gera	6-18-83
8:17.41	Cincy Pepsi Marlins "B", USA	Irvine	8-1-80	Remaining Top 25 Performers							
8:18.23*	URS National Team	Rome	8-22-83	49.99	Jim Montgomery, USA	Montreal	7-25-76	3:49.38	Vladimir Salnikov, URS	Edmonton	7-5-83
8:18.35	FAST "A", USA	Irvine	8-1-80	49.99p	Chris Cavanaugh, USA	Guayaquil	8-3-82	3:49.57	Vladimir Salnikov, URS	Moscow	3-12-82
8:18.80	Longhorn "A", USA	Brown Deer	8-14-81	50.13*	Sergey Smiragin, URS	Edmonton	7-5-83	3:49.57	Vladimir Salnikov, URS	Kiev	7-14-82
8:18.87	FAST "A", USA	Brown Deer	8-14-81	50.19**	Per Johansson, SWE	Guayaquil	8-5-82	3:49.80	Vladimir Salnikov, URS	Rome	8-25-83
8:18.99*	SWE National Team	Rome	8-22-83	50.24	David McCagg, USA	West Berlin	8-28-78	3:50.49*	Peter Szmidt, CAN	Etobicoke	7-18-80
8:19.26	Pleasant Hill "A", USA	Mission Viejo	8-18-77	50.31	Jack Babashoff, USA	East Berlin	8-27-77	3:51.07	Vladimir Salnikov, URS	Knoxville	8-27-82
8:19.29	Mission Viejo "A", USA	Irvine	8-1-80	50.40	Robin Leary, Mission	Brown Deer	8-13-81	3:51.20	Vladimir Salnikov, URS	Leningrad	2-24-80
8:19.36*	FRA National Team	Rome	8-22-83	50.43*	Fernando Canales, PUR	Caracas	8-19-83	3:51.30	Vladimir Salnikov, URS	Guayaquil	8-5-82
8:19.52	Industry Hills "A", USA	Brown Deer	8-14-81	50.57	John Eburna, USA	Montreal	8-22-78	Remaining Top 25 Performers			
8:19.92	Nashville "A", USA	Indianapolis	8-19-82	50.58p	Dirk Richter, GDR	Guayaquil	8-3-82	3:51.43	Sviatoslav Semenov, URS	Guayaquil	8-5-82
Men				50.60	Kris Kirchner, USA	Tokyo	8-29-81	3:51.56*	Brian Goodell, USA	East Berlin	8-27-77
50 M FREESTYLE				50.62p	Bill Barrett, Bruin	Clovis	8-3-83	3:51.63*	Borut Petric, YUG	Split	9-10-81
Top 10 Performances				50.66p	Pelle Holmeritz, Stockholm	Stockholm	7-17-82	3:51.98	Jeff Float, USA	Kiev	8-21-81
22.54p**	Robin Leary, Mission	Brown Deer	8-15-81	50.70	Mike Heath, Mustang	Indianapolis	8-18-82	3:52.19	Mike Bruner, Mesa	Irvine	7-31-80
22.57	Robin Leary, Mission	Brown Deer	8-15-81	50.70h	Aleksey Markovskiy, URS	Kiev	7-15-82	3:52.54	Tim Shaw, USA	Montreal	7-22-76
22.59	Robin Leary, Bruin	Clovis	8-5-83	50.73*	Andreas Schmidt, FRG	Hannover	6-26-83	3:52.55	Darjan Petric, YUG	Guayaquil	8-5-82
22.59*	Kevin DeForest, St. Louis	Indianapolis	8-26-83	50.74p	Tom Jager, Parkway	Clovis	8-3-83	3:52.62	Matt Cetlinski, FAST	Clovis	8-5-83
22.69*	Peng Siang-Ang, SLO (SIN)	Indianapolis	8-20-82	50.79	David Larson, FAST	Clovis	8-3-83	3:52.82*	Thomas Fahrner, FRG	Rome	8-25-83
22.71	Joe Bottom, USA	Honolulu	8-15-80	50.80	Klaus Steinbach, FRG	West Berlin	8-28-78	3:52.99	Bruce Hayes, Bruin	Clovis	8-5-83
22.74*	Joerg Woithe, GDR	Tou/ouse	3-18-82	50.81p	Bruce Hayes, Bruin	Clovis	8-3-83	3:53.13	Aleksandr Chaev, URS	Moscow	3-12-82
22.78	Rowdy Gaines, USA	Knoxville	8-27-82	200 M FREESTYLE							
22.81p	Bruce Stahl, USA	Amersfoort	1-29-82	Top 10 Performances							
22.83p	Bruce Stahl, Santa Barbara	Austin	4-10-80	1:47.87**	Michael Gross, FRG	Rome	8-22-83	3:53.25	Andy Astbury, GBR	Moscow	7-24-80
22.83p	Joe Bottom, USA	Honolulu	8-15-80	1:48.28*	Michael Gross, FRG	Hannover	6-21-83	3:53.35	Stefan Pfeiffer, FRG	Rome	8-25-83
Remaining Top 25 Performers				1:49.16	Rowdy Gaines, FAST	Austin	4-11-80	3:53.66	Billy Forrester, FAST	Woodlands	8-2-78
22.86	Gary Schatz, Longhorn	Austin	4-10-81	1:49.30*	Sven Lodziewski, GDR	Gera	6-17-83	3:53.69	John Mykkanen, Irvine	Clovis	8-5-83
22.86	Tom Jager, Parkway	Indianapolis	8-20-82	1:49.43	Rowdy Gaines, USA	Knoxville	8-28-82	3:53.70	Casey Converse, Mission	Belmont Plaza	6-18-76
22.88	Boyd Crisler, FAST	Brown Deer	8-15-81	1:49.44p	Michael Gross, FRG	Hannover	6-20-83	3:53.85	Mike O'Brien, Mission	Clovis	8-5-83
22.90*	Marcos Goldenstein, BRA	Rio de Janeiro	1-28-83	1:48.45*	Rowdy Gaines, War Eagle	Mission Viejo	7-19-82	3:53.91*	Djan Madruga, BRA	Austin	4-10-80
22.91	Rick DeMont, TFJ	Brown Deer	8-15-81	1:49.16	Rowdy Gaines, FAST	Austin	4-11-80	3:53.91*	John Naber, Ladera Oaks	Belmont Plaza	6-18-76
22.97*	Greg Fassala, AUS	Darwin	8-10-83	1:49.30*	Sven Lodziewski, GDR	Gera	6-17-83	3:53.95	Ivar Stukolier, URS	Moscow	7-24-80
22.98p	Art Griffith, Unat.	Indianapolis	8-20-82	1:49.45	Michael Gross, FRG	Guayaquil	8-1-82	3:53.99	Bruce Furniss, Beach	Kansas City	8-20-75
22.98	John Sauerland, Bruin	Clovis	8-5-83	1:49.60	Joerg Woithe, GDR	Gera	6-17-83	800 M FREESTYLE			
Men				Top 10 Performances							
1:49.81*	Sergei Kopliakov, URS	Moscow	7-21-80	1:52.33**	Vladimir Salnikov, URS	Los Angeles	7-14-83	7:52.83	Vladimir Salnikov, URS	Moscow	2-14-82
Remaining Top 25 Performers				1:52.83	Vladimir Salnikov, URS	Knoxville	8-26-82	7:52.88	Vladimir Salnikov, URS	Knoxville	8-26-82

ALL-TIME LONG COURSE *continued*

7:56.49	Vladimir Sainikov, URS	Minsk	3-24-79
7:58.31*	Jeff Kostoff, Industry	Clovis	8-3-83
7:58.50	Tony Corbisiero, Gotham	Indianapolis	8-18-82
7:58.96	Bruce Hayes, USA	Knoxville	8-26-82
7:59.26	Bruce Hayes, Mission	Indianapolis	8-18-82
7:59.44s	Vladimir Sainikov, URS	Moscow	2-22-83
7:59.66	Brian Goodell, Mission	Irvine	7-29-80
Remaining Top 25 Performers			
7:59.85*	Djan Madruga, Mission (BRA)	Austin	4-9-80
8:00.06	Mike Bruner, Mesa	Irvine	7-29-80
8:00.17	George DiCarlo, TFJ	Clovis	8-3-83
8:01.54s	Bobby Hackett, Bernal's Gator	Belmont Plaza	6-21-76
8:02.12s	Sviatoslav Semenov, URS	Guayaquil	8-7-82
8:02.26	Mike O'Brien, Mission	Clovis	8-3-83
8:02.91*	Steve Holland, AUS	Sydney	2-29-76
8:02.91	John Mykkanen, Irvine	Clovis	8-3-83
8:03.56	Max Metzker, AUS	Melbourne	3-23-80
8:04.24	Bari Weick, USA	Honolulu	8-14-80
8:04.45s*	Darjan Petric, YUG	Guayaquil	8-7-82
8:05.07	Doug Towne, TFJ	Brown Deer	8-13-81
8:05.85	Dave Sims, Bolles School	Clovis	8-3-83
8:06.11s	Paul Hartloff, Santa Barbara	Belmont Plaza	6-21-76
8:06.31s*	Sven Lodziewski, GDR	East Berlin	3-31-83
8:06.35ps	Rainer Strohbach, GDR	Moscow	7-21-80
8:06.53	Matt Cetlinski, Wellington	Indianapolis	8-18-82
8:06.65s*	Rafael Escaltes, ESP	Moscow	7-22-80
8:06.86s	Aleksandr Chaev, URS	Leningrad	2-22-80
8:06.85	Brian Roney, Industry	Irvine	7-29-80

1500 M FREESTYLE

Top 10 Performances

14:54.76**	Vladimir Sainikov, URS	Moscow	2-22-83
14:56.35	Vladimir Sainikov, URS	Moscow	3-13-82
14:58.27	Vladimir Sainikov, URS	Moscow	7-22-80
15:01.77	Vladimir Sainikov, URS	Guayaquil	8-7-82
15:02.40*	Brian Goodell, USA	Montreal	7-20-76
15:02.83	Vladimir Sainikov, URS	Edmonton	7-6-83
15:03.07	Vladimir Sainikov, URS	Moscow	2-14-82
15:03.91	Bobby Hackett, USA	Montreal	7-20-76
15:03.99	Vladimir Sainikov, URS	West Berlin	8-26-78
15:04.66*	Steve Holland, AUS	Montreal	7-20-76

Remaining Top 25 Performers

15:05.54	Sviatoslav Semenov, URS	Guayaquil	8-7-82
15:10.20*	Darjan Petric, YUG	Guayaquil	8-7-82
15:12.96*	Sven Lodziewski, GDR	Moscow	3-13-82
15:13.76	Paul Hartloff, Santa Barbara	Long Beach	6-21-76
15:14.30	Aleksandr Chaev, URS	Moscow	7-22-80
15:14.49	Max Metzker, AUS	Moscow	7-22-80
15:14.54	Borut Petric, YUG	Rome	8-25-83
15:15.29	Rainer Strohbach, GDR	Moscow	7-22-80
15:15.76	Casey Converse, Mission	Belmont Plaza	6-21-76
15:16.85*	Stefan Pfeiffer, FRG	Rome	8-27-83
15:17.77	Jeff Kostoff, Industry	Indianapolis	8-21-82
15:17.81	George DiCarlo, TFJ	Mission Viejo	7-24-82



(Photo by Tony Duffy)

Vladimir Sainikov is without equal in the men's distance freestyle. The Soviet star, pictured with wife Marina, holds 20 of the possible 30 performances in the 400, 800 and 1500 meter free. ▶

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ALL-TIME LONG COURSE *continued*

<p>15:17.93* Rafael Escalas, ESP 15:19.11 Bruce Hayes, Mission 15:19.76 Mike Bruner, Mesa 15:19.84* Djan Madruga, BRA 15:20.91 Tim Shaw, Beach 15:21.00 Rainer Henkel, FRG 15:21.60h Thomas Fahrner, FRG 15:22.17 John Mykkanen, USA 15:22.90 Eduard Petrov, URS</p> <p>100 M BACKSTROKE Top 10 Performances 55.19** Rick Carey, USA 55.38 Rick Carey, Badger 55.44p Rick Carey, Badger 55.49 John Naber, USA 55.80 Rick Carey, USA 55.89 John Naber, USA 55.93p Rick Carey, USA 55.95* Dirk Richter, GDR 56.04p Bob Jackson, Conquistador 56.04 Rick Carey, USA</p> <p>Remaining Top 25 Performers 56.24r Mark Rhodenbaugh, CPM 56.25** Vladimir Shemetov, URS 56.27 Dave Bottom, Walnut Creek 56.30 Roland Matthes, GDR 56.34 Peter Rocca, USA 56.38 Viktor Kuznetsov, URS 56.45** Mike West, CAN 56.50* Mark Kerry, Dutch Boy (AUS) 56.53* Bengt Baron, SWE 56.72* Sandor Wladar, HUN 56.79r Frank Baltrusch, GDR 56.88 Sergey Zabolotnov, URS 56.95p Eric Ericson, Wilmington 57.03 David Marsh, Stringray 57.03 Dave Wilson, CPM 57.09 Clay Britt, Starlit 57.14 Wade Flemons, CAN 57.16 Vladimir Dolgov, URS 57.16r Igor Polianskiy, URS 57.20* Romulo Arantes, BRA 57.25 Mark Tonelli, Nashville (AUS)</p>	<p>Split 9-12-81 Mission Viejo 7-24-82 Austin 4-12-80 Montreal 7-20-76 Belmont Plaza 6-21-75 Darmstadt 7-2-82 Hannover 6-25-83 Walnut Creek 8-14-83 Moscow 8-5-83</p> <p>Caracas 8-21-83 Clovis 8-6-83 Clovis 8-6-83 Montreal 7-19-76 Caracas 8-22-83 Montreal 7-22-76 Caracas 8-21-83 Guayaquil 8-6-82 Irvine 7-31-80 Guayaquil 8-8-82</p> <p>Clovis 8-6-83 Moscow 2-22-83 Clovis 8-6-83 Munich 9-4-72 Montreal 7-19-76 Kiev 7-16-82 Edmonton 7-7-83 Ft. Lauderdale 8-17-79 Moscow 7-21-80 Split 9-10-81 Erfurt 5-31-82 Moscow 2-21-83 Clovis 8-6-83 Irvine 7-31-80 Clovis 8-6-83 Irvine 7-31-80 Montreal 7-27-83 Kiev 7-14-82 Moscow 8-5-83 San Juan 7-2-79 Ft. Lauderdale 8-17-79</p>	<p>2:00.65 Vladimir Shemetov, URS 2:00.72 Rick Carey, Badger 2:00.80* Sandor Wladar, HUN Remaining Top 25 Performers 2:00.85 Steve Barnicoat, Mission 2:01.35 Dan Harrigan, USA 2:01.47* Frank Baltrusch, GDR</p> <p>2:01.50 Jesse Vassallo, Mission 2:01.63* Mike West, CAN 2:01.86 Igor Polianskiy, URS 2:01.87 Roland Matthes, GDR 2:02.05 Dirk Richter, GDR 2:02.29 Richie Hughey, Dynamo 2:02.40 Zoltan Verrasztó, HUN 2:02.52 Cam Henning, CAN 2:02.61* Mark Kerry, Dutch Boy (AUS) 2:02.70 Viktor Kuznetsov, URS 2:02.73 Oleg Gavrilenko, URS 2:02.79p Bob Jackson, Conquistador 2:02.81* Frederic Delcourt, FRA 2:02.85* Ricardo Prado, BRA 2:03.09 Djan Madruga, BRA 2:03.17 Mark Tonelli, AUS 2:03.27 Dave Bottom, Walnut Creek</p> <p>100 M BREASTSTROKE Top 10 Performances 1:02.28** Steve Lundquist, USA 1:02.34 Steve Lundquist, Mustang 1:02.36 John Moffet, USA 1:02.45 Steve Lundquist, USA 1:02.53 Steve Lundquist, Mustang 1:02.62 Steve Lundquist, Mustang 1:02.75 Steve Lundquist, USA 1:02.82* Victor Davis, CAN 1:02.83 John Moffet, SoCal 1:02.86 Gerald Moerken, FRG</p> <p>Remaining Top 25 Performers 1:02.93 Bill Barrett, CPM 1:02.93* Adrian Moorhouse, GBR 1:03.08* Dmitry Volkov, URS 1:03.11 John Hencken, USA 1:03.20 Rickie Gill, USA 1:03.26* Peter Evans, AUS 1:03.31 Duncan Goodhew, GBR 1:03.32 Robertas Zhulpa, URS 1:03.33 Aleksandr Fedorovskiy, URS 1:03.42 Richard Schroeder, SBSC 1:03.43 David Wilkie, GBR 1:03.44 Yuriy Kis, URS 1:03.56 Walter Kusch, FRG 1:03.58a Peter Lang, FRG 1:03.60* Janos Dzvonyar, HUN</p>	<p>Moscow 2-18-83 Mission Viejo 7-21-82 Spiit 9-12-81</p> <p>Austin 4-9-80 Montreal 7-24-76 Erfurt 5-28-82 Gera 6-19-83 Brown Deer 8-13-81 Edmonton 7-4-83 Moscow 8-2-83 Belgium 9-6-73 East Berlin 4-3-83 Clovis 8-3-83 Moscow 7-26-80 Montreal 7-30-83 Ft. Lauderdale 8-16-79 Kiev 6-6-80 Moscow 3-14-82 Irvine 7-29-80 Bordeaux 7-28-83 Caracas 8-19-83 Rio de Janeiro 2-18-82 Montreal 7-24-76 Clovis 8-3-83</p> <p>Caracas 8-17-83 Clovis 8-6-83 Caracas 8-17-83 Tokyo 8-27-83 Indianapolis 8-21-82 Mission Viejo 7-19-82 Guayaquil 8-1-82 Guayaquil 8-1-82 Clovis 8-6-83 Jonkoepping 8-17-77</p> <p>Irvine 7-29-80 Brisbane 10-6-82 Moscow 2-22-83 Montreal 7-20-76 Kiev 8-21-81 Tokyo 8-29-81 Edinburgh 4-24-80 Rome 8-22-83 Etobicoke 4-20-78 Clovis 6-6-83 Montreal 7-20-76 Split 9-8-81 West Berlin 8-20-78 Etobicoke 7-23-81 Budapest 4-12-80</p>	<p>1:03.60 Graham Smith, CAN 1:03.60 Argen Miskarov, URS 1:03.64 Jeff Freeman, Santa Clara 1:03.80 Nick Nevid, Longhorn 1:03.80* Shigehiro Takahashi, JPN 1:03.81* Giorgio Lalle, ITA</p> <p>200 M BREASTSTROKE Top 10 Performances 2:14.77** Victor Davis, CAN 2:15.11* David Wilkie, GBR 2:15.36* Robertas Zhulpa, URS 2:15.38* Steve Lundquist, Mustang 2:15.59 Robertas Zhulpa, URS 2:15.85 Robertas Zhulpa, URS 2:15.93 Robertas Zhulpa, URS 2:16.15 Robertas Zhulpa, URS 2:16.25 Victor Davis, CAN 2:16.47 Victor Davis, CAN</p> <p>Remaining Top 25 Performers 2:16.78* Gerald Moerken, FRG 2:16.93* Alban Vermes, HUN 2:17.26 John Hencken, USA 2:17.28 Arsen Miskarov, URS 2:17.46 John Moffet, USA 2:17.49 Adrian Moorhouse, GBR 2:17.51 Timur Podmarov, URS 2:17.81* Shigehiro Takahashi, JPN 2:17.82 Gennadiy Utenkov, URS 2:18.03 Glenn Mills, CPM 2:18.21 Doug Soltis, FAST 2:18.22* Glenn Beringin, AUS 2:18.25 Artur Shekelt, URS 2:18.37 Nick Nevid, USA 2:18.54 Dmitriy Kuzmin, URS 2:18.62 Aleksandr Dubrovinn, URS 2:18.73 Aleksandr Fedorovskiy, URS 2:18.85p Richard Schroeder, SBSC 2:18.99 Yuriy Kis, URS 2:19.07 Duncan Goodhew, GBR 2:19.20 Rick Colella, USA</p>	<p>West Berlin 8-20-78 Kiev 8-21-81 Austin 4-12-80 Brown Deer 8-16-81 Tokyo 9-2-83 Jonkoepping 8-17-77</p> <p>Guayaquil 8-5-82 Montreal 7-24-76 Leningrad 2-21-80 Clovis 8-3-83 Moscow 2-12-82 Moscow 7-26-80 Edmonton 7-5-83 Split 9-8-81 Brisbane 10-4-82 Etobicoke 7-3-82</p> <p>Jonkoepping 8-18-77 Moscow 7-26-80 Montreal 7-24-76 Moscow 7-26-80 Knoxville 8-28-82 Clovis 8-25-83 Leningrad 6-27-82 Santa Clara 6-30-78 Moscow 3-14-82 Austin 4-9-80 Clovis 8-3-83 Sydney 3-21-82 Vienna 7-12-81 West Berlin 8-23-78 Moscow 3-14-82 Kiev 7-15-82 Leningrad 2-21-80 Clovis 8-3-83 Rome 8-25-83 Blackpool 5-26-80 Montreal 7-24-76</p>
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YWCA NATIONALS RETURN TO PENN STATE

Announcing the 1984
YWCA JUNIOR-SENIOR
SWIMMING CHAMPIONSHIPS
OF THE USA

April 13, 14, 15, 1984

at
PENN STATE UNIVERSITY
UNIVERSITY PARK, PA

FOR MEET INFORMATION CONTACT

NICK CAVATARO
MEET DIRECTOR
GREENWICH YWCA
259 E. PUTNAM AVENUE
GREENWICH, CONNECTICUT 06830
203-869-6501 ext. 41

NOTE: This meet is divided into a junior (13-under) and a senior (open) section, with time standards set roughly equivalent to 13-15 'A' level USS standards (this meet is USS sanctioned). The meet committee will also accept team inquiries from non-YWCA teams that are USS registered, do not compete in YMCA, Junior or Senior National meets and have a 'Y', Boys Club or other youth center type affiliation.



CINCINNATI PEPSI MARLINS WINTER INVITATIONAL

December 9-10-11, 1983

AA times for Seniors and 13-14
B and Better for 8-UN; 9-10; 11-12

This meet, as always, will
draw a tremendous entry of
very fine swimmers.

Coming INVITATIONALS

January 13-14-15, 1984

A-Under times all age groups

February 17-18-19, 1984

AA Times for seniors and 13-14
B and Better for other age groups

March 9-10-11, 1984

AAA Senior (LONG COURSE)

Contact:

Cincinnati Pepsi Marlins
616 W. North Bend Road
Cincinnati, OH 45224
(513) 761-3320

***State Age Groups Desired



SEVENTH INVITATIONAL MEET

SPONSORED BY THE
COLUMBIA CORSAIRS

Age Group "B-C" Swim Meet

December 16, 17, 18, 1983

University of Maryland
Baltimore County
Catonsville, Maryland

- 8 Lane - 25 yard pool
- Colorado Electric Timing
- Timed Finals
- Medals 1st - 2nd- 3rd
- Ribbons 4-8
- USS Sanctioned

Contact: Joanna Cooper

7462 Sea Change
Columbia, Md. 21045
301-596-3239

Entry Deadline: Dec. 2, 1983



Photo by Ladislav Perenyi

The West German national team only has one of the top 10 times in the men's 800 freestyle relay, but theirs is the best: a 7:20.40 world record from this year's European Championships.

Remaining Top 25 Performers

54.15*	Par Arvidsson, CPH (SWE)	Austin	4-11-80
54.18	Joe Bottom, USA	East Berlin	8-27-77
54.27	Mark Spitz, USA	Munich	8-31-72
54.31	Dave Cowell, Mid-Ohio Valley	Clovis	8-6-83
54.35	Matt Vogel, USA	Montreal	7-21-76
54.36p	Brad Hering, USA	Amerfoort	1-29-83
54.39*	Aleksey Markovskiy, URS	Split	9-9-81
54.46	Grant Ostlund, FAST	Ft. Lauderdale	8-16-79
54.47	Bengt Baron, SWE	Guayaquil	8-2-82
54.51*	Dan Thompson, CAN	Montreal	7-30-83
54.59	Chris Rives, USA	Guayaquil	8-2-82
54.61*	Roger Pyttel, GDR	London	8-11-79
54.61	Mike Bottom, USA	Honolulu	8-16-80
54.62	Jim Halliburton, CPM	Irvine	8-2-80
54.62	Steve Lundquist, Mustang	Clovis	8-6-83
54.65	Gary Hall, USA	Montreal	7-21-76
54.72*	Rafael Vidai, VEN	Caracas	8-21-83
54.77	Steve Smith, FAST	Irvine	8-2-80
54.77*	David Zubero, ESP	Rome	8-23-83
54.87*	Edward Maasdijk, HOL	Rotterdam	6-26-82
54.95	Kees Vervoorn, HOL	Rotterdam	6-26-82

200 M BUTTERFLY

Top 10 Performances

1:57.05**	Michael Gross, FRG	Rome	8-26-83
1:58.01*	Craig Beardsley, USA	Kiev	8-22-81
1:58.14p	Craig Beardsley, FAST	Mission Viejo	7-23-82
1:58.21p	Craig Beardsley, FAST	Irvine	7-30-80
1:58.22	Michael Gross, FRG	Hannover	6-25-83
1:58.33	Craig Beardsley, USA	Knoxville	8-26-82
1:58.37p	Michael Gross, FRG	Hannover	6-24-83
1:58.46	Craig Beardsley, FAST	Irvine	7-30-80
1:58.76	Craig Beardsley, FAST	Clovis	8-3-83
1:58.85	Michael Gross, FRG	Guayaquil	8-6-82
1:58.85	Craig Beardsley, USA	Caracas	8-21-83

Remaining Top 25 Performers

1:58.96*	Sergey Fesenko, URS	Knoxville	8-26-82
1:59.00*	Ricardo Prado, BRA	Caracas	8-21-83
1:59.13	Mike Bruner, Mesa	Irvine	7-30-80
1:59.17*	Rafael Vidai, VEN	Caracas	8-21-83
1:59.22*	Paolo Revelli, ITA	Rome	7-16-83
1:59.40	Billy Forrester, FAST	Irvine	7-30-80
1:59.54	Steve Gregg, USA	Montreal	7-18-76
1:59.63*	Roger Pyttel, GDR	East Berlin	6-3-76
1:59.64	Pablo Moraes, USA	Tokyo	8-27-83
1:59.77	Bill O'Brien, Dads Club	Irvine	7-30-80
2:00.01*	Filberto Colon, Mission (PUR)	Clovis	8-3-83
2:00.02*	Marcel Gery, TCH	Rome	8-26-83
2:00.12	Jeff Float, Arden Hills	Irvine	7-30-80
2:00.21*	Phil Hubble, GBR	Split	9-11-81
2:00.26	Dennis Baker, David Douglas	Irvine	7-30-80
2:00.39*	Anthony Mosse, NZL	Tokyo	8-27-83
2:00.40	Michael Kraus, FRG	Jonkoepping	8-16-77

'83-'84 OKLAHOMA SWIMMING SHORT COURSE SCHEDULE

- Nov. 5 KERR MCGEE SPRINT MEET
P.O. Box 20452, Oklahoma City, OK 73156
- Nov. 12-13 TROJAN AQUATIC CLUB B/C
Bill Wetterman, 6612 East 99th Place, Tulsa, OK 74133
- Nov. 19-20 PONCA SAILFISH SWIM TEAM SR/AGE GROUP
David Strah, 1508 Dover, Ponca City, OK 74601
- Dec. 3-4 TULSA HURRICANE SWIM CLUB INVITATIONAL
Sandra Voorhees, 7830 S. Evanston, Tulsa, OK 74136
- Dec. 10-11 PHILLIPS 66 B MEET
B-66 Adams Bldg., Bartlesville, OK 74004
- Jan. 6-8 PHILLIPS 66 A MEET
(Same as above)
- Jan. 14-15 PONCA SAILFISH SWIM TEAM B/C
(Same as above)
- Jan. 28 MOORE AQUATIC CLUB PENTATHLON
P.O. Box 7683, Moore, OK 73153
- Mar. 2-4 PHILLIPS 66 MEET OF CHAMPIONS
(Same as above)
- Mar. 10-11 PONCA SAILFISH B/C
(Same as above)
- Mar. 10-11 LAWTON Y BARRACUDAS B/C
Jim Noyes, 3 Vail Mountain Dr., Star Rt. B, Lawton, OK 73501

CONTACT Bill Smith
OKS Chairman
6705 Eastwood Circle
Oklahoma City, OK 73132
(405) 722-7040
for further information

Train over CHRISTMAS in Long Beach

California State University of Long Beach offers:

- Facilities:**
1. 8-lane, 50 meter x 10-lane, 25 yard pool
 2. Diving well which consists of 8-lane, 25 meter pool with two 1-m and 3-m Maxi-flex boards on Duraform standards
 3. Universal and free weights
- Training:** 4 hours of pool time per day
- Cost:** \$250.00 per week which includes 4 lanes long course for two hours; and 4 lanes short course meters for two hours

Swim meets can also be arranged with other visiting teams

Dates available: December 19 through January 28

CSULB is within minutes of the beaches, close to Disneyland, Universal Studios, Knott's Berry Farm, The Queen Mary and two hours from San Diego

For more information and list of accomodations contact:

Barry Hartwyk, Men's Head Swim Coach
CSULB Sports, Athletics and Recreation Dept.
1250 Bellflower Blvd., Long Beach, CA 90840
(213) 498-4650 or leave message at (213) 498-4777.

ALL-TIME LONG COURSE *continued*

2:00.42*	Par Arvidsson, Concord (SWE)	Ft. Lauderdale	8:18-79
2:00.50h	Sergey Korotaev, URS	Kiev	7:13-82
2:00.57	Tony Bartle, New Haven	Irvine	7:30-80
2:00.60	Mikhail Gorelik, URS	Leningrad	4-8-78
2:00.70	Mark Spitz, USA	Munich	8:28-72
2:00.72	Chris Rives, Dads Club	Brown Deer	8:13-81

200 M INDIVIDUAL MEDLEY

Top 10 Performances

2:02.25**	Alex Baumann, CAN	Brisbane	10-4-82
2:02.29	Alex Baumann, CAN	Edmonton	7-7-83
2:02.48*	Giovanni Franceschi, ITA	Rome	8:27-83
2:02.78	Alex Baumann, CAN	Heidelberg	7:29-81
2:02.78*	Bill Barrett, USA	Tokyo	8:28-83
2:02.85*	Alexander Sidorenko, URS	Moscow	2:13-82
2:02.95*	Jens-Peter Berndt, GDR	Rome	4:7-79
2:03.24p	Bill Barrett, CPM	Irvine	8:1-80
2:03.24	Bill Barrett, Bruin	Clovis	8:5-83
2:03.24	Steve Lundquist, Mustang	Clovis	8:5-83

Remaining Top 25 Performers

2:03.29	Jesse Vassallo, USA	San Juan	7-6-79
2:03.55*	Josef Hladky, TCH	Rome	8:27-83
2:03.65	Graham Smith, CAN	West Berlin	8:24-78
2:04.10*	Ricardo Prado, Mission (BRA)	Clovis	8:5-83
2:04.42	Chris Cavanaugh, USA	Kiev	8:22-81
2:04.67	Pablo Morales, Unat.-CPH	Clovis	8:5-83
2:04.83	Bill Sawchuk, CAN	Etbicoke	7:17-80
2:04.91	David Lundberg, USA	Honolulu	8:15-80
2:05.29	Sergey Fesenko, URS	Potsdam	4:7-79
2:05.34	Bruce Furniss, USA	Tokyo	9:2-79
2:05.37p	Mark Rhodenbaugh, CPM	Clovis	8:5-83
2:05.45*	Mikhail Tarasov, URS	Rome	8:27-83
2:05.50*	Sandor Wladar, HUN	Budapest	8:14-82
2:05.52	Andreas Reichel, GDR	Erfurt	5:31-82
2:05.64	Roger Von Jouanne, USA	Indianapolis	7:26-82
2:05.83*	Robin Brew, SCO	Brisbane	10-4-82
2:05.89	Peter Rocca, CPH	Austin	4:10-80
2:05.90p	Bobby Laugherty, FAST	Clovis	8:5-83
2:05.91	Artur Shekfel, URS	Brown Deer	8:21-81

400 M INDIVIDUAL MEDLEY

Top 10 Performances

4:19.78**	Ricardo Prado, BRA	Guayaquil	8-2-82
4:19.80*	Alex Baumann, CAN	Edmonton	7-3-83
4:20.05*	Jesse Vassallo, USA	West Berlin	8:22-78
4:20.33	Jesse Vassallo, Mission	Brown Deer	8-14-81
4:20.41*	Giovanni Franceschi, ITA	Rome	8:23-83
4:20.81*	Jens-Peter Berndt, GDR	Rome	8:23-83
4:21.26	Ricardo Prado, Mission	Clovis	8-4-83
4:21.43	Ricardo Prado, BRA	Caracas	8:18-83
4:21.51	Jesse Vassallo, Mission	Irvine	7:30-80
4:21.63	Jesse Vassallo, USA	San Juan	7-3-79

Remaining Top 25 Performers

4:21.97*	Aleksandr Sidorenko, URS	Leningrad	2:22-80
4:22.10	Sergey Fesenko, URS	Leningrad	2:22-80
4:22.38	Jeff Kostoff, Industry	Clovis	8-4-83
4:23.36	Jeff Float, USA	Knoxville	8:27-82
4:23.52*	Josef Hladky, TCH	Rome	8:23-83
4:23.62*	Leszek Gorski, POL	Split	9-8-81
4:23.68	Rod Strachan, USA	Montreal	7:25-76
4:24.24*	Zoltan Verraszo, HUN	Moscow	7:27-80
4:24.38	Sandor Wladar, HUN	Rome	8:23-83
4:24.39	Maurizio Divano, ITA	Rome	8:23-83
4:24.48	Andras Hargitay, HUN	Moscow	7:27-80
4:24.82	Tim McKee, USA	Montreal	7:25-76
4:24.74	John Simons, De Anza	Irvine	7:30-80
4:25.30	Djan Madruga, Mission	Austin	4:11-80
4:25.31	Mike O'Brien, Mission	Clovis	8-4-83
4:25.42	Bruce Hayes, Mission	Mission Viejo	7:20-82
4:28.35	Mikhail Tarasov, URS	Moscow	8-1-83
4:26.70	Andreas Reichel, GDR	Erfurt	5:28-82
4:26.74	Ron Neugent, Wichita	Irvine	7:30-80
4:26.76	Cam Reid, CAN	Montreal	7-13-81

400 M MEDLEY RELAY

Top 10 Performances

3:40.42**	USA National Team	Caracas	8:22-83
3:40.84	USA National Team	Guayaquil	8:7-82
3:42.22	USA National Team	Montreal	7:22-76
3:42.50	USA National "I" Team	Knoxville	8:28-82
3:42.86*	URS National Team	Guayaquil	8-7-82
3:43.99	URS National Team	Rome	8:27-83
3:44.23	URS National Team	Split	9:12-81
3:44.33	URS University Games	Edmonton	7-7-83
3:44.59	USA National Team	Honolulu	8:16-80
3:44.63	USA National Team	West Berlin	8:22-78

Remaining Top 25 Performers

3:44.85*	GDR National Team	Moscow	3:14-82
3:44.78	USA National Team	Tokyo	9:3-79
3:44.78*	FRG National Team	Guayaquil	8-7-82
3:44.78	FRG National Team	Rome	8:27-83
3:45.01*	SWE National Team	Split	9:12-81
3:45.33	URS National "I" Team	Knoxville	8:28-82
3:45.54	GDR National Team	Rome	8:27-83
3:45.62	URS National Team	Kiev	8:23-81
3:45.66	Longhorn "A", USA	Clovis	8-6-83
3:45.70*	AUS National Team	Moscow	7:24-80
3:45.70	Longhorn "A", USA	Brown Deer	8:16-81
3:45.83	USA National Jr. Team	Brown Deer	8:23-81
3:45.84	Bruin Swimming "A", USA	Clovis	8-6-83
3:45.92	URS National Team	Moscow	7:24-80
3:45.94*	CAN National Team	Montreal	7:22-76

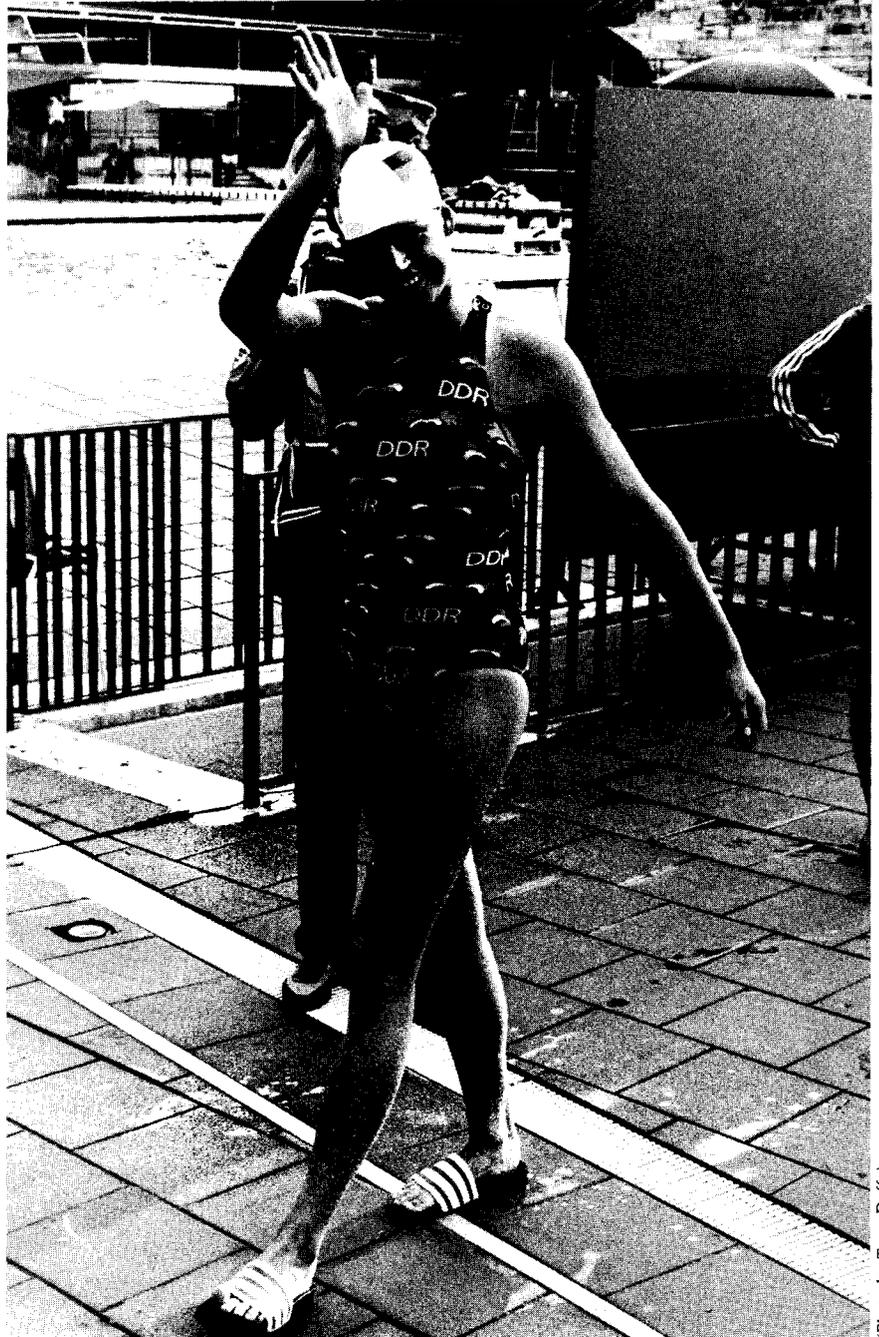
400 M FREESTYLE RELAY

Top 10 Performances

3:19.26**	USA National Team	Guayaquil	8-5-82
3:19.41	USA National Team	Knoxville	8:25-82
3:19.74	USA National Team	West Berlin	8:22-78
3:19.98	USA National Team	Tokyo	8:28-83
3:20.88*	URS National Team	Rome	8:25-83
3:21.11	USA National Team	East Berlin	8:28-77
3:21.41	USA National Team	Caracas	8:20-83
3:21.48	USA National Team	Kiev	8:21-81
3:21.48	URS National Team	Split	9-9-81
3:21.69	URS National Team	Kiev	8:21-81

Remaining Top 25 Performers

3:21.72	URS University Games	Edmonton	7-5-83
3:21.78	URS National Team	Guayaquil	8-5-82



(Photo by Tony Duffy)

You gotta hand it to the DDR's Ina Kleber—she has four of the top 10 performances in the 100 back, the most of any top 10 performances' swimmer. All 10 are turned in by East Germans—three by Rica Reinisch, one by Kristin Otto, one by Cornelia Sirch and one by Kornelia Ender.

3:21.78	URS National Team	Knoxville	8:26-82
3:21.80	FAST "A", USA	Clovis	8-5-83
3:21.82	USA University Games	Edmonton	7-5-83
3:21.86	Bruin Swimming "A", USA	Clovis	8-5-83
3:21.93	FAST "A", USA	Austin	4:10-80
3:21.99	Mission Viejo "A", USA	Indianapolis	8:20-82
3:22.02*	SWE National Team	Rome	8:25-83
3:22.15	SWE National Team	Guayaquil	8-5-82
3:22.24	FAST "A", USA	Irvine	7:31-80
3:22.61	USA National "A" Team	Honolulu	8:15-80
3:22.67*	FRG National Team	Split	9-9-81
3:22.99	Mission Viejo "A", USA	Brown Deer	8:14-81
3:23.02*	GDR National Team	Rome	8:25-83

7:22.94	USA National Team	Knoxville	8:27-82
7:23.01*	GDR National Team	Rome	8:23-83
7:23.22	USA National Team	Montreal	7:21-78
7:23.50*	URS National Team	Moscow	7:23-80
7:23.63	USA National Team	Caracas	8:18-83

Remaining Top 25 Performers

7:24.41	URS National Team	Split	9-7-81
7:24.91	URS National Team	Guayaquil	8-3-82
7:25.22	FRG National Team	Split	9-7-81
7:25.46	FRG National Team	Guayaquil	8-3-82
7:25.71	URS National "A" Team	Leningrad	3-8-80
7:26.01*	ITA National Team	Rome	8:23-83
7:26.37	URS National Team	Kiev	8:22-81
7:26.37*	SWE National Team	Rome	8:23-83
7:26.67	FAST "A", USA	Irvine	8-1-80
7:26.67	USA National Team	Tokyo	9:2-79
7:27.22	URS University Games	Edmonton	7-4-83
7:27.26	USA National Team	Montreal	7:21-76
7:27.43	FRG National Team	Heidelberg	7:30-81
7:27.49	FAST "A", USA	Clovis	8-4-83
7:27.78	SWE National Team	Split	9-7-81



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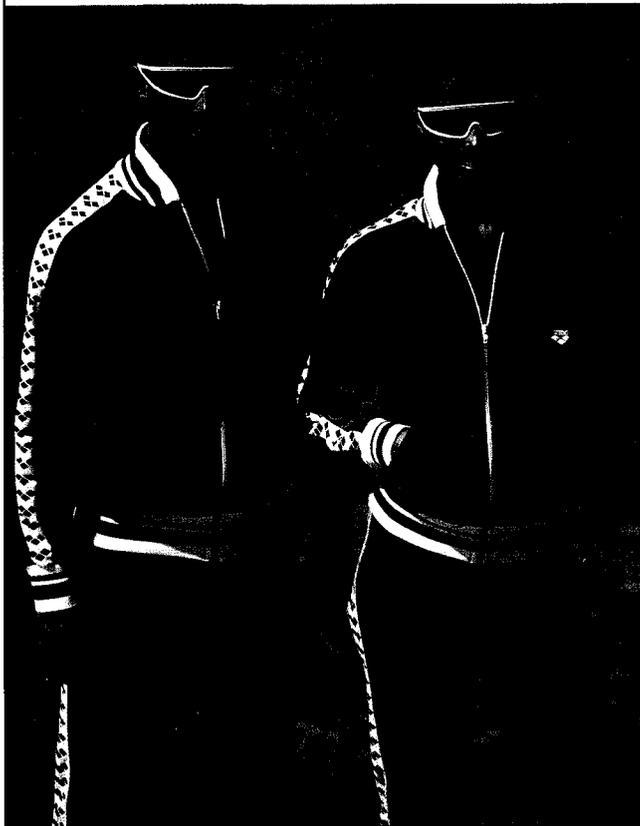
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FOR THE RECORD

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national

PHILLIPS 66/U.S. SWIMMING
1983 LONG COURSE
NATIONAL CHAMPIONSHIPS
 Clovis West High School
 Clovis, Calif.
 Aug. 3-6, 1983 50 M. Pool

Editor's Note: Because there were so many errors in the team standings published in the September *Swimming World*, following is a revised, corrected version from the U.S. Swimming office for combined scores and women's scores. The men's scores, as published in the September issue, were correct.

TEAM STANDINGS
Combined

Mission Viejo	910
Florida	652
Longhorn	472
Cincinnati Pepsi Marlins	322
Fort Lauderdale	229
Industry Hills	224
Germantown Academy	217
Hurricane	143½
Santa Barbara	100
Concord-Pleasant Hill	96
Stanford	84
Badger	76
Dynamo	72
Santa Clara	70
Walnut Creek	66
West Valley	63
Rockville	22
Multnomah	14
Tacoma	13
Lobo	12

Women

Mission Viejo	531
Longhorn	308
Florida	253
Cincinnati Pepsi Marlins	173
Germantown Academy	168
Fort Lauderdale	161
Industry Hills	144
Lakeside	115
Eden Prairie	102
Nashville	83
Stanford	73
Hurricane	61
Dynamo	55
Chinook	50½
Central Jersey	49
Concord-Pleasant Hill	45
North Carolina	42
Lawrence	37
Paramus	37
Gold Vault	37
North Baltimore	35
West Valley	35
Hawaii	32
Aulea	30½
Lake Forest	30
No. Virginia Fun & Fitness	29
New Haven	29
KC Blazers	22
Pensacola Jr.	21
Michiana Marlins	20
St. Petersburg	18
San Jose	18
Santa Rosa	17

(The remainder of the women's scores, beginning with JCC Sailfish

at 16, were correct as published in the September issue, except for Lake Forest, which scored 30 points rather than two.)

south

REGION III
LONG COURSE CHAMPIONSHIPS
 Tuscaloosa, Ala.
 July 20-23, 1983 50 M. Pool

TEAM STANDINGS

Cincinnati Pepsi Marlins	1,540
Dynamo	1,256
Nashville	496

WOMEN

50 M FREESTYLE	
Aimee Berzins, CPM	26.85
Karen Hill, CAC	27.18
Mary Holmes, DYNA	27.24
100 M FREESTYLE	
Mary Holmes, DYNA	58.68
Kim Nicholson, CPM	59.08
Elizabeth Brown, PACK	59.50
200 M FREESTYLE	
Mary Holmes, DYNA	2:05.00
Pam Selby, NAC	2:05.90
Aimee Berzins, CPM	2:05.94
400 M FREESTYLE	
Mary Holmes, DYNA	4:20.84
Nancy Nemet, CPM	4:21.55
Chris Emerson, SUN	4:22.36
800 M FREESTYLE	
Nancy Nemet, CPM	8:55.43
Libby Pruden, NAC	8:56.13
Virginia Diederich, DYNA	8:56.92
1500 M FREESTYLE	
Nancy Nemet, CPM	16:52.04
Lisa Crawford, DYNA	17:07.17
Mary Holmes, DYNA	17:07.52
100 M BACKSTROKE	
Sandy McIntyre, DYNA	1:04.60

Betsy Mitchell, CPM	1:04.62
Jennifer Lowe, NAC	1:05.21
200 M BACKSTROKE	
Andrea Hayes, PJCA	2:17.65
Sandy McIntyre, DYNA	2:19.02
Betsy Mitchell, CPM	2:20.56
100 M BREASTSTROKE	
Kim Rhodenbaugh, CPM	1:12.98
Julie Hogan, DYNA	1:15.38
Amy Hinckhouse, DYNA	1:16.48
200 M BREASTSTROKE	
Kim Rhodenbaugh, CPM	2:39.70
Jackie Diederich, DYNA	2:42.45
Julie Hogan, DYNA	2:43.26
100 M BUTTERFLY	
Patty King, NAC	1:01.75
Sandi Sciples, MSU	1:03.55
Hope Williams, SAM	1:04.40
200 M BUTTERFLY	
Patty King, NAC	2:16.33
Macie Phillips, NAC	2:17.49
Sandi Sciples, MSU	2:18.41
200 M INDIVIDUAL MEDLEY	
Kim Rhodenbaugh, CPM	2:20.37
Patty King, NAC	2:22.42
Janelle Bosse, CPM	2:22.90
400 M INDIVIDUAL MEDLEY	
Janelle Bosse, CPM	4:59.06
Kim Rhodenbaugh, CPM	5:01.06
Julie Hogan, DYNA	5:03.26

MEN

50 M FREESTYLE	
Randy Kyle, UTGS	23.33
Mike Ellison, SA	23.49
Chris Emerson, SUN	23.53
100 M FREESTYLE	
John Van Meter, UTGS	51.32
Randy Kyle, UTGS	51.33
Mike Ellison, SA	52.21
200 M FREESTYLE	
Jeff Bush, DYNA	1:53.46
Randy Kyle, UTGS	1:54.48
Doug Robertson, UTGS	1:54.85

400 M FREESTYLE	
Gary Brinkman, SIU	4:00.71
Doug Robertson, UTGS	4:02.79
John Kratzer, SA	4:03.42
800 M FREESTYLE	
Gary Brinkman, SIU	8:15.63
David Sims, BSS	8:17.46
Jeff Gordon, CPM	8:22.82
1500 M FREESTYLE	
Gary Brinkman, SIU	15:47.87
David Sims, BSS	15:55.70
Jeff Gordon, CPM	16:04.12
100 M BACKSTROKE	
Dave Wilson, CPM	57.80
Mook Rhodenbaugh, CPM	57.95
Larry Craft, Unat.	58.62
200 M BACKSTROKE	
Rich Hughey, DYNA	2:05.75
Glenn McCall, SA	2:06.37
Doug Gertsen, SA	2:07.27
100 M BREASTSTROKE	
Pablo Restrepo, SIU	1:05.24
Glenn Mills, CPM	1:05.85
Greg Rhodenbaugh, CPM	1:06.19
200 M BREASTSTROKE	
Glenn Mills, CPM	2:20.65
Pablo Restrepo, SIU	2:23.34
Greg Rhodenbaugh, CPM	2:24.41
100 M BUTTERFLY	
Steve Smith, DYNA	56.42
Charlie Johnson, CPM	56.62
Mike Ellison, SA	56.87
200 M BUTTERFLY	
Jon Denney, CPM	2:02.84
Charlie Johnson, CPM	2:04.67
Peter Ferreira, Unat.	2:05.55
200 M INDIVIDUAL MEDLEY	
Brian Tsuchiya, UTGS	2:08.22
Mook Rhodenbaugh, CPM	2:08.85
Jeff Bush, DYNA	2:09.22
400 M INDIVIDUAL MEDLEY	
Brian Tsuchiya, UTGS	4:33.43
Glenn Mills, CPM	4:33.97
Jon Denney, CPM	4:34.24

international

XVI EUROPEAN CHAMPIONSHIPS
 Stadio Del Nuoto
 Rome, Italy
 Aug. 22-27, 1983 50 M. Pool

** World/European/National Record
 * European/National Record
 # National Record

WOMEN

100 M FREESTYLE—Aug. 24	
Birgit Meineke, GDR	55.18
Kristin Otto, GDR	55.52
Conny Van Bentum, HOL	56.61
Annermarie Verstappen, HOL	56.75
Karin Seick, FRG	57.41
Svetlana Koptchikova, URS	57.64
Susanne Schuster, FRG	57.78
Maria Kardum, SWE	57.97
200 M FREESTYLE—Aug. 23	
Birgit Meineke, GDR	1:59.45
Astrid Strauss, GDR	2:00.16
Conny Van Bentum, HOL	2:00.61
June Croft, GBR	2:00.99
Irina Beyermann, FRG	2:01.06
Andrea Orosz, HUN	2:02.65#
Maria Kardum, SWE	2:03.50
Veronique Jardin, FRA	2:04.37
400 M FREESTYLE—Aug. 24	
Astrid Strauss, GDR	4:08.07*
Anke Sonnenbrodt, GDR	4:10.37
Irina Laritscheva, URS	4:12.90#
Irina Beyermann, FRG	4:13.01#
Andrea Orosz, HUN	4:14.72#
Jolande van der Meer, HOL	4:15.82
Sarah Hardcastle, GBR	4:17.44
Jackie Willmott, GBR	4:19.59
800 M FREESTYLE—Aug. 26	
Astrid Strauss, GDR	8:32.12
Anke Sonnenbrodt, GDR	8:37.72

hey coach

BY STEPHEN R. BENTLEY

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Sarah Hardcastle, GBR	8:40.44
Jolanda van der Meer, HOL	8:40.77
Carla Lasi, ITA	8:43.40#
Ina Beyersmann, FRG	8:48.21
Irina Laritscheva, URS	8:49.20
Aneta Patrascoiu, ROM	9:01.14
100 M BACKSTROKE—Aug. 24	
Ina Kleber, GDR	1:01.79
Cornelia Sirch, GDR	1:02.46
Carmen Bunaciu, ROM	1:03.08
Svenja Schlicht, FRG	1:03.74#
Larisa Gortschakova, URS	1:04.06
Jolanda de Rover, HOL	1:04.16
Katalin Viragh, HUN	1:04.22
Viktoria Klotzka, URS	1:04.24
200 M BACKSTROKE—Aug. 27	
Cornelia Sirch, GDR	2:12.05
Katrin Zimmermann, GDR	2:13.36
Larisa Gortschakova, URS	2:14.41
Aneta Patrascoiu, ROM	2:14.80
Carmen Bunaciu, ROM	2:14.91
Svenja Schlicht, FRG	2:15.42#
Jolanda de Rover, HOL	2:15.71
Katalin Viragh, HUN	2:19.07
100 M BREASTSTROKE—Aug. 25	
Ute Geweniger, GDR	1:08.51**
(Split: 32.17)	
Sylvia Gerasch, GDR	1:09.62
Tania Bogomilova, BUL	1:10.77#
Petra Van Stavoren, HOL	1:10.79#
Eva-Marie Hakansson, SWE	1:11.14#
Olga Zelenkova, URS	1:11.26
Sabrina Seminatore, ITA	1:11.56
(Prelims: 1:10.98#)	
Angelika Knipping, FRG	1:12.95
200 M BREASTSTROKE—Aug. 23	
Ute Geweniger, GDR	2:30.64
Sylvia Gerasch, GDR	2:30.67
Olga Zelenkova, URS	2:33.10
Tania Bogomilova, BUL	2:33.80#
Larisa Belokon, URS	2:34.32
Ute Hesse, FRG	2:34.41#
Petra Van Stavoren, HOL	2:36.14
Simona Brighetti, ITA	2:39.03
100 M BUTTERFLY—Aug. 25	
Ines Geissler, GDR	1:00.31
Cornelia Polit, GDR	1:00.92
Cinzia Savi-Scarponi, ITA	1:01.37
Ann Osgerby, GBR	1:01.56#
Conny Van Bentum, HOL	1:01.99
Annermarie Verstaappen, HOL	1:02.82
Carole Broek, ITA	1:02.84
(Prelims: 1:02.71#)	
Caroline Cooper, GBR	1:03.89

200 M BUTTERFLY—Aug. 27	
Cornelia Polit, GDR	2:07.82*
Ines Geissler, GDR	2:08.09
Conny Van Bentum, HOL	2:12.87#
Ann Osgerby, GBR	2:13.00#
Freda Ross, GBR	2:13.64
Sonja Hauslaender, AUT	2:13.76#
Petra Zindler, FRG	2:14.07
Nicole Hasse, FRG	2:14.18
200 M IND. MEDLEY—Aug. 26	
Ute Geweniger, GDR	2:13.07
Kathleen Nord, GDR	2:15.55
Irina Gerassimova, URS	2:16.72#
Cinzia Savi-Scarponi, ITA	2:18.07
Svetlana Koptchikova, URS	2:18.25
Petra Zindler, FRG	2:18.73
Maria Kardum, SWE	2:19.32
(Prelims: 2:19.30#)	
Laurence Bensimon, FRA	2:20.11#
400 M IND. MEDLEY—Aug. 22	
Kathleen Nord, GDR	4:39.95
Petra Schneider, GDR	4:40.34
Petra Zindler, FRG	4:47.90#
Cinzia Savi-Scarponi, ITA	4:48.88#
Elena Dendeberova, URS	4:49.43
Irina Gerassimova, URS	4:52.99
Birgit Schultz, FRG	4:53.93
Katrine Bonstad, NOR	4:57.29
400 M MEDLEY RELAY—Aug. 26	
GDR	4:05.79**
Ina Kleber	1:01.79
Ute Geweniger	1:09.16
Ines Geissler	1:00.09
Birgit Meineke	54.75
Holland	4:12.78
West Germany	4:13.25#
URS	4:13.51
Sweden	4:14.78#
Great Britain	4:16.17
Italy	4:16.23#
Switzerland	4:17.78#
400 M FREESTYLE RELAY—Aug. 24	
GDR	3:44.72
Holland	3:48.24
West Germany	3:49.86
Sweden	3:50.20
Great Britain	3:50.38#
URS	3:51.73
France	3:52.63#
Italy	3:54.68#
800 M FREESTYLE RELAY—Aug. 22	
GDR	8:02.27**
Kristin Otto	1:59.63
Astrid Strauss	2:01.34

Cornelia Sirch	2:02.24
Birgit Meineke	1:59.06
West Germany	8:11.69#
Holland	8:12.41#
Great Britain	8:15.50#
URS	8:18.23
Sweden	8:18.99#
France	8:19.36
Italy	8:21.21#
MEN	
100 M FREESTYLE—Aug. 24	
Per Johansson, SWE	50.20
Joerg Woithe, GDR	50.29
Sergey Smiragin, URS	50.35
Pelle Holmertz, SWE	50.71
Dirk Richter, GDR	50.90
Alexey Markovskiy, URS	51.16
Andreas Schmidt, FRG	51.24
Fabrizio Rampazzo, ITA	51.50
200 M FREESTYLE—Aug. 22	
Michael Gross, FRG	1:47.87**
(Split: 53.66)	
Joerg Woithe, GDR	1:50.18
Thomas Fahrner, FRG	1:50.92
Thomas Lejdstrom, SWE	1:51.58
Fabrizio Rampazzo, ITA	1:51.62
Sven Lodziewski, GDR	1:51.75
Borut Petric, YUG	1:52.01
Ivar Stukolkin, URS	1:52.30
400 M FREESTYLE—Aug. 25	
Vladimir Salnikov, URS	3:49.80
Borut Petric, YUG	3:51.96
Darjan Petric, YUG	3:52.60
Thomas Fahrner, FRG	3:52.82#
Stefan Pfeiffer, FRG	3:53.35
Steffen Lies, GDR	3:54.01
Andrew Astbury, GBR	3:55.55
Juan Escaltes, ESP	3:57.84
500 M FREESTYLE—Aug. 27	
Vladimir Salnikov, URS	15:08.84
Borut Petric, YUG	15:14.54
Stefan Pfeiffer, FRG	15:16.85#
Darjan Petric, YUG	15:21.55
Sven Lodziewski, GDR	15:25.06
Rafael Escaltes, ESP	15:26.93
Steffen Lies, GDR	15:33.43
Thomas Fahrner, FRG	15:43.05
100 M BACKSTROKE—Aug. 26	
Dirk Richter, GDR	56.30
Vladimir Shemetov, URS	56.18
Sergey Zabolotnov, URS	56.95
Sandor Wladar, HUN	57.16
Frank Baltrusch, GDR	57.52
Bengt Baron, SWE	58.08
Ricardo Aldabe, ESP	58.19
(Prelims: 58.11#)	
Hans Kroes, HOL	58.32
200 M BACKSTROKE—Aug. 24	
Sergey Zabolotnov, URS	2:01.00
Sandor Wladar, HUN	2:01.61
Frank Baltrusch, GDR	2:02.46
Ricardo Aldabe, ESP	2:03.93#
Zbigniew Januszkiewicz, POL	2:05.13
Michael Ederlund, SWE	2:06.42
Fredric Delcourt, FRA	2:08.48
100 M BREASTSTROKE—Aug. 22	
Robertas Zulpas, URS	1:03.32
Adrian Moorhouse, GBR	1:03.37
Gerald Moerken, FRG	1:04.16
Rafaele Avagnano, ITA	1:04.17
Etienne Dagon, SUI	1:04.25
Yuriy Kis, URS	1:04.34
Peter Berggren, SWE	1:04.61
(Prelims: 1:04.31#)	
Janos Dzvonyar, HUN	1:04.92
200 M BREASTSTROKE—Aug. 25	
Adrian Moorhouse, GBR	2:17.49
Alban Verres, HUN	2:18.27
Robertas Zulpas, URS	2:18.72
Yuriy Kis, URS	2:18.99
Rafaele Avagnano, ITA	2:20.00
Gerald Moerken, FRG	2:20.47
Enrique Romero, ESP	2:21.99#
Peter Berggren, SWE	2:22.17
100 M BUTTERFLY—Aug. 23	
Michael Gross, FRG	54.00*
David Zuber, ESP	54.77#
Aleksey Markovskiy, URS	54.81
Par Arvidsson, SWE	55.01
Bengt Baron, SWE	55.04
Jorg Peter Knust, FRG	55.41
Fabrizio Rampazzo, ITA	55.58
Soren Ostberg, DEN	55.82*
200 M BUTTERFLY—Aug. 26	
Michael Gross, FRG	1:57.05**
(Split: 55.91)	
Sergey Fesenko, URS	1:59.74
Paolo Revelli, ITA	1:59.84
Marcel Gery, TCH	2:00.02#
Philip Hubble, GBR	2:02.36
Theophile David, SUI	2:02.52#
Hanni Garmetia, ESP	2:02.78
(Prelims: 2:02.32#)	
Guilio Sartorio, ITA	2:03.33
200 M IND. MEDLEY—Aug. 27	
Giovanni Franceschi, ITA	2:02.48*
Jens-Peter Berndt, GDR	2:02.95#
Josef Hladky, TCH	2:03.55#
Aleksandr Sidorenko, URS	2:03.60
Sandor Wladar, HUN	2:05.06#
Mikhail Tarasov, URS	2:05.45
Robin Brew, GBR	2:05.93
Anders Peterson, SWE	2:07.52
400 M IND. MEDLEY—Aug. 23	
Giovanni Franceschi, ITA	4:20.41*
Jens-Peter Berndt, GDR	4:20.81#
Josef Hladky, TCH	4:23.52#

Sandor Wladar, HUN	4:24.38
Maurizio Divano, ITA	4:24.39
Mikhail Tarasov, URS	4:27.32
Sergey Pichugin, URS	4:28.14
Leszek Gorski, POL	4:28.23
400 M MEDLEY RELAY—Aug. 27	
URS	3:43.99
West Germany	3:44.79
Switzerland	3:45.54
Sweden	3:45.98#
Switzerland	3:49.45#
Great Britain	3:49.56
Italy	3:50.20
Spain	3:50.59#
400 M FREESTYLE RELAY—Aug. 25	
URS	3:20.88*
Sweden	3:22.02#
Dirk Richter, GDR	3:22.02#
West Germany	3:23.51
Italy	3:23.83#
Holland	3:26.80
(Leadoff: Stefan Volery, 51.30#)	
Great Britain	3:27.60
800 M FREESTYLE RELAY—Aug. 23	
West Germany	7:20.40**
Thomas Fahrner	1:51.13
Alexander Schowtka	1:51.28
Andreas Schmidt	1:50.78
Michael Gross	1:47.21
GDR	7:23.01#
Italy	7:26.01#
(Leadoff: Paolo Revelli, 1:51:25)	
Sweden	7:26.37#
(Leadoff: T. Lejdstrom, 1:51:22#)	
URS	7:28.68
GBR	7:29.22#
Spain	7:32.01#
Italy	7:35.44
France	7:37.62
VIII MEDITERRANEAN GAMES	
All-Haji Sheikh Aquatics Complex	
Casablanca, Morocco	
Sept. 4-9, 1983	50 M. Pool
* National Record	
WOMEN	
100 M FREESTYLE—Sept. 4	
Sophie Kamoun, FRA	58.00
Veronique Jardin, FRA	58.53
Sophia Dara, GRE	58.63
200 M FREESTYLE—Sept. 5	
Laurence Bensimon, FRA	2:04.86
Sophie Kamoun, FRA	2:05.07
Sophia Dara, GRE	2:05.63
400 M FREESTYLE—Sept. 6	
Sophia Dara, GRE	4:18.61
Carla Lasi, ITA	4:19.61
Laurence Bensimon, FRA	4:21.49
800 M FREESTYLE—Sept. 8	
Carla Lasi, ITA	8:47.94
Monica Olmi, ITA	8:50.71
Sophia Dara, GRE	8:53.93
100 M BACKSTROKE—Sept. 6	
Manuela Carosi, ITA	1:04.96
Veronique Jardin, FRA	1:05.43
Andrea Tocchini, ITA	1:07.05
200 M BACKSTROKE—Sept. 5	
Manuela Carosi, ITA	2:19.20
Veronique Jardin, FRA	2:20.29
Iaria Giuliani, ITA	2:21.50
100 M BREASTSTROKE—Sept. 7	
Sabrina Seminatore, ITA	1:12.35
Catherine Poirot, FRA	1:12.99
Manuela Dalla Valle, ITA	1:13.68
200 M BREASTSTROKE—Sept. 9	
Alessandra Zambruno, ITA	2:38.21
Simona Brighetti, ITA	2:38.50
Vivi Protopapa, GRE	2:40.03*
100 M BUTTERFLY—Sept. 7	
Cinzia Savi-Scarponi, ITA	1:02.79
Ilaria Tocchini, ITA	1:03.60
Sophie Falandry, FRA	1:04.60
200 M BUTTERFLY—Sept. 9	
Cinzia Savi-Scarponi, ITA	2:17.97
Rosanna La Torre, ITA	2:19.50
Natalia Autric, ESP	2:21.18
200 M IND. MEDLEY—Sept. 8	
Cinzia Savi-Scarponi, ITA	2:18.80
Vivi Protopapa, GRE	2:20.54*
Manuela Dalla Valle, ITA	2:22.97
400 M IND. MEDLEY—Sept. 4	
Roberta Felotti, ITA	4:54.72
Laurence Bensimon, FRA	4:55.86*
Vivi Protopapa, GRE	4:56.96*
400 M MEDLEY RELAY—Sept. 8	
France	4:17.99
France	4:19.79
Spain	4:29.69
400 M FREESTYLE RELAY—Sept. 6	
France	3:53.64
Spain	4:02.28
Yugoslavia	4:19.92
MEN	
100 M FREESTYLE—Sept. 6	
Marcello Guarducci, ITA	51.71
Eric Neuville, FRA	52.48
Sadri Ozun, TUR	53.48
200 M FREESTYLE—Sept. 4	
Borut Petric, YUG	1:52.98
Juan Vallejo, ESP	1:53.06
Darjan Petric, YUG	1:53.26
400 M FREESTYLE—Sept. 7	
Darjan Petric, YUG	3:54.72
Jens-Peter Berndt, GDR	3:56.92
Borut Petric, YUG	3:57.86

1500 M FREESTYLE—Sept. 9	
Rafael Escaltes, ESP	15:18.89
Darjan Petric, YUG	15:28.75
Juan Enrique Escaltes, ESP	15:34.16
100 M BACKSTROKE—Sept. 4	
Claude Jambert, FRA	58.88
Zoltan Nour, GRE	58.95*
Fabrizio Bortolon, ITA	59.77
200 M BACKSTROKE—Sept. 6	
Paolo Falchini, ITA	2:06.06
Claude Jambert, FRA	2:08.34
Emmanuel Malamas, GRE	2:09.70
100 M BREASTSTROKE—Sept. 8	
Rafaele Avagnano, ITA	1:05.44
Gustavo Torrijos, ESP	1:05.47
Piero Tenderini, ITA	1:05.52
200 M BREASTSTROKE—Sept. 7	
Enrique Romero, ESP	2:22.07
Rafaele Avagnano, ITA	2:24.07
Cesare Fabbrì, ITA	2:24.94
100 M BUTTERFLY—Sept. 5	
David Zuber, ESP	55.21
Marco Torrijos, ITA	56.50
Sabri Ozun, TUR	56.71*
200 M BUTTERFLY—Sept. 8	
Harri Garmetia, ESP	2:03.09
Marco Torrijos, ITA	2:03.22
Guilio Sartorio, ITA	2:03.41
200 M IND. MEDLEY—Sept. 9	
David Zuber, ESP	2:06.67
Maurizio Divano, ITA	2:07.30
Borut Petric, YUG	2:08.01
400 M IND. MEDLEY—Sept. 5	
Giovanni Franceschi, ITA	4:27.30
Maurizio Divano, ITA	4:28.14
Rafael Escaltes, ESP	4:28.31*
400 M MEDLEY RELAY—Sept. 8	
Italy	3:50.44
Spain	3:52.76
France	3:53.81
400 M FREESTYLE RELAY—Sept. 7	
Italy	3:28.53
(Leadoff: Guarducci, 50.99*)	
France	3:28.80
Spain	3:30.76
800 M FREESTYLE RELAY—Sept. 5	
Italy	7:34.48
Spain	7:35.46
France	7:36.96
AUSTRALIAN WINTER NATIONAL CHAMPIONSHIPS	
Port Darwin, Northern Territories	
Sept. 9-11, 1983	50 M. Pool
** Commonwealth Record	
* National Record	
WOMEN	
50 M FREESTYLE—Sept. 10	
Angela Russell	27.00
Lisa Curry	27.27
Michele Pearson	27.53
100 M FREESTYLE—Sept. 10	
Angela Russell	58.63
Michele Pearson	58.81
Janet Tibbits	58.98
200 M FREESTYLE—Sept. 11	
Suzi Baumer	2:05.54
Michele Pearson	2:05.79
Janet Tibbits	2:07.60
100 M FREESTYLE—Sept. 9	
Suzi Baumer	4:23.15
Andrea Shaw	4:24.25
Catherine Randall	4:25.07
800 M FREESTYLE—Sept. 10	
Suzi Baumer	9:01.80
Dianna Bova	9:07.94
Bronwen Kelly	9:09.16
1500 M FREESTYLE—Sept. 11	
Dianna Bova	17:20.15
Kylie Hammond	17:20.16
Bronwen Kelly	17:36.15
100 M BACKSTROKE—Sept. 11	
Georgina Parkes	1:04.94
Audrey Moore	1:05.55
Joanne Bell	1:05.78
200 M BACKSTROKE—Sept. 9	
Georgina Parkes	2:16.82
Audrey Moore	2:19.01
Karen Phillips	2:21.75
100 M BREASTSTROKE—Sept. 10	
Sharon Kellett	1:14.59
CindyLou Fitzpatrick	1:14.77
Cheryl Parkinson	1:16.01
200 M BREASTSTROKE—Sept. 11	
CindyLou Fitzpatrick	2:40.54
Sharon Kellett	2:40.56
Suzanne Landells	2:40.67
100 M BUTTERFLY—Sept. 10	

Mark Stockwell	23.33
Peter Dale	23.84
100 M FREESTYLE—Sept. 11	
Greg Fasala	51.09
Mark Stockwell	51.66
Peter Dale	51.93
200 M FREESTYLE—Sept. 9	
Justin Lemberg	1:52.15
Peter Dale	1:52.60
Ron McKeon	1:53.48
400 M FREESTYLE—Sept. 10	
Justin Lemberg	3:54.40*
Ron McKeon	4:01.47
Mike McKenzie	4:06.61
800 M FREESTYLE—Sept. 11	
Justin Lemberg	8:13.50
Mike McKenzie	8:24.84
Matthew Brown	8:31.02
1500 M FREESTYLE—Sept. 9	
Mike McKenzie	15:54.55
Jonathan Cattana	16:15.21
Hugh Steel	16:20.07
100 M BACKSTROKE—Sept. 9	
David Orbell	58.62
Richard Cahalan	59.50
Matthew Renshaw	1:00.19
200 M BACKSTROKE—Sept. 11	
David Orbell	2:06.44
Richard Cahalan	2:08.33
Michael Bohl	2:08.94
100 M BREASTSTROKE—Sept. 9	
Brett Stocks	1:04.26
Stephen Cook	1:04.98
Glenn Beringen	1:06.04
200 M BREASTSTROKE—Sept. 10	
Stephen Cook	2:24.53
Paul Blood	2:28.19
Paul Lee	2:28.61
100 M BUTTERFLY—Sept. 11	
Glenn Buchanan	55.19
Jon Sieben	55.26
Mark Stockwell	56.39
200 M BUTTERFLY—Sept. 10	
Jon Sieben	2:01.98
Paul Rowe	2:03.38
Ian Findlay	2:04.57
200 M IND. MEDLEY—Sept. 9	
Glenn Beringen	2:09.22
Matthew Brown	2:09.96
Michael Bohl	2:10.96
400 M IND. MEDLEY—Sept. 10	
Justin Lemberg	4:31.21
Rob Woodhouse	4:31.62
Matthew Brown	4:36.00

diving

XVI EUROPEAN CHAMPIONSHIPS Rome, Italy Aug. 24-27, 1983

WOMEN

SPRINGBOARD—Aug. 23

Brita Baldus, DDR	494.880
Tatiana Ailabieva, USSR	493.140
Daphne Jongejans, HOL	461.100
Anita Rossing, SWE	458.310
Heidemarie Grecka, TCH	455.910
Silke Tollner, DDR	433.860
Ildiko Kelemen, HUN	431.280
Alison Childs, GBR	425.610
Tine Tollan, NOR	425.490
Anjela Stasulevich, USSR	423.330
Regina Dobrich, FRG	401.250
Laura Schermi, ITA	388.020

PLATFORM—Aug. 21

Alia Lobankina, USSR	455.520
Anjela Stasulevich, USSR	448.560
Ramona Wenzel, DDR	410.910
Blanka Meyer, DDR	401.640
Ildiko Kelemen, HUN	394.110
Cristina Szacskas, ROM	365.190
Alena Niederlova, TCH	361.530
Hana Novotna, TCH	359.430
Ileana Pirjol, ROM	354.000
Eike Heinrichs, FRG	344.940
Cristina Betti, ITA	341.760
Andra Spudeit, FRG	312.300

MEN

SPRINGBOARD—Aug. 22

Petar Georgiev, BUL	619.800
Nikolai Drozhin, USSR	618.870
Chris Snode, GBR	610.170
Piero Italiani, ITA	609.570
Massimo Castellani, ITA	594.270
Dieter Waskow, DDR	567.510
Holger Winkowski, DDR	559.200
Ricardo Camacho, ESP	552.720
Dieter Dorr, FRG	550.260
Edwin Jongejans, HOL	545.310
Tom Lemaire, BEL	544.200
Niki Stajkovic, AUT	190.260

(Withdrew after fourth round due to injury)

PLATFORM—Aug. 24

David Ambartsumian, USSR	605.790
--------------------------	---------



DDR's Brita Baldus was all wet after her springboard victory at the European Championships in Rome.

(Photo by Tony Duffy)

Viacheslav Troshin, USSR	563.310
Steffen Haage, DDR	559.410
Chris Snode, GBR	549.720
Domenico Rinaldi, ITA	537.330
Jon Vegard, NOR	533.730
Dieter Waskow, DDR	529.950
Tom Lemaire, BEL	508.890
Petar Georgiev, BUL	502.470
Dieter Plenk, FRG	495.180
Dieter Dorr, FRG	475.860
Fabrizio De Angelis, ITA	440.790

FINA WORLD AGE GROUP DIVING CHAMPIONSHIPS Hamilton, New Zealand Aug. 15-18, 1983

GIRLS

12 and under

ONE METER

Gao Min, PRC	243.42
Terri Seipel, USA	217.86
Jill Campbell, USA	217.53
Laurie Elliott, CAN	224.78
Maria Alcala, MEX	209.10
Michelle Foreman, AUS	193.62

THREE METER

Gao Min, PRC	285.57
Jill Campbell, USA	249.96
Terri Seipel, USA	224.10
Maria Alcala, MEX	218.58
Diana Jackomos, AUS	213.51
Laurie Elliott, CAN	207.12

ONE METER

Cecilia Franzen, SWE	309.84
Jennifer McArton, CAN	307.56
Kelly Jenkins, USA	293.85
Carola Soderstrom, SWE	288.75
Michelle Stringer, AUS	287.67
Laurie Dann, USA	282.48

THREE METER

Jennifer McArton, CAN	330.06
Carola Soderstrom, SWE	323.79
Kim Ann Dornburg, USA	321.48
Luo Li, PRC	316.02
Kelly Jenkins, USA	309.04
Kelly Harber, CAN	302.91

PLATFORM

Kelly Jenkins, USA	256.14
Laurie Dann, USA	248.55
Carola Soderstrom, SWE	241.86

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Kelly Harber, CAN	240.93
Luo Li, PRC	236.10
Mia Jenkins, AUS	223.77
15-17	
ONE METER	
Wendy Williams, USA	441.06
Karen LaFace, USA	432.93
Allison Traynor, CAN	411.87
Julie Kent, AUS	392.58
Moru Romero, MEX	373.80
Tong De Rong, PRC	373.62
THREE METER	
Tong De Rong, PRC	491.49
Wendy Williams, USA	486.78
Lin Jian Giang, PRC	458.16
Karen LaFace, USA	449.40
Mabuchi Yoshino, JPN	423.30
Julie Kent, AUS	403.23
PLATFORM	
Julie Kent, AUS	390.72
Tong De Rong, PRC	376.26
Lin Jian Giang, PRC	373.29
Sarah Madden, USA	364.32
Mabuchi Yoshino, JPN	351.00
Karen LaFace, USA	340.38

BOYS	
12 and under	
ONE METER	
Brad Baell, USA	239.40
Paul Merlo, CAN	223.98
Edward Morse, USA	221.91
Ole Johnny Aasen, NOR	195.42
Geoffrey Joshua, AUS	188.55
Leslie Hansen, CAN	179.85
THREE METER	
Edward Morse, USA	253.08
Ole Johnny Aasen, NOR	232.29
Jason Snell, NZL	217.47
Brad Baell, USA	214.17
Anthony Lyons, AUS	202.02
Leslie Hansen, CAN	195.06
13-14	
ONE METER	
Lee Michaud, USA	342.78
Jesus Mena, MEX	322.20
Lee Jay Striffler, CAN	316.35
Scott Donie, USA	311.16
Wang Yi Jie, PRC	303.57
Kawai Kenshi, JPN	282.21
THREE METER	
Jesus Mena, MEX	372.93
Wang Yi Jie, PRC	370.86
Dennis Soerensen, DEN	367.08
Lee Jay Striffler, CAN	366.24
Scott Donie, USA	337.05
Steve Bell, USA	299.70
PLATFORM	
Dennis Soerensen, DEN	292.62
Wang Yi Jie, PRC	268.59
Steve Bell, USA	265.86
Lee Michaud, USA	259.68
Ueda Akira, JPN	240.90
Jesus Mena, MEX	234.84

15-17	
ONE METER	
Scott Fosdick, USA	537.54
Patrick Evans, USA	536.10
Jose Luis Rocha, MEX	489.87
Craig Rogerson, AUS	486.51
Gao Feng, PRC	484.08
Frode Lund, NOR	453.15
THREE METER	
Liu Shi Ming, PRC	617.64
Jose Luis Rocha, MEX	540.93
Patrick Evans, USA	538.23
Patrick Jeffrey, USA	534.03
Gao Feng, PRC	509.01
Craig Rogerson, AUS	501.66
PLATFORM	
Patrick Evans, USA	578.04
Liu Shi Ming, PRC	557.94
Jose Luis Rocha, MEX	531.72
Shi Wei Dong, PRC	511.62
Mark Latrielle, CAN	490.59
Patrick Jeffrey, USA	464.85



(Photo by Tony Duffy)

The Hungarian goalie goes to the defense in a game against Spain at the European Championships. Hungary won.

water polo

16th EUROPEAN WATER POLO CHAMPIONSHIPS Stadio Dei Nuoto Rome, Italy Aug. 20-27, 1983

FINAL STANDINGS

Group A	
Soviet Union (12 points)	5-0-2
Hungary (11)	5-1-1
Spain (8)	4-3-0
Yugoslavia (8)	3-2-2
West Germany (6)	2-3-2
Holland (5)	2-4-1
Italy (5)	2-4-1
Romania (1)	0-6-1
Group B	
Greece (11)	5-0-1
Bulgaria (10)	5-1-0
France (8)	3-1-2
Sweden (7)	3-2-1
Austria (2)	1-5-0
Denmark (2)	1-5-0
Belgium (2)	1-5-0

GAME RESULTS (Group A only)

First Round—Aug. 20	
Hungary 12	Spain 10
Soviet Union 16	Romania 11
Italy 9	Yugoslavia 9
West Germany 9	Holland 5
Second Round—Aug. 21	
Hungary 10	West Germany 9
Yugoslavia 10	Holland 5
Italy 10	Romania 3
Soviet Union 10	Spain 9
Third Round—Aug. 22	
Hungary 9	Holland 9

Spain 9	Romania 8
Yugoslavia 5	West Germany 3
Soviet Union 9	Italy 6
Fourth Round—Aug. 23	
West Germany 7	Romania 7
Soviet Union 8	Holland 6
Spain 9	Yugoslavia 8
Hungary 9	Italy 3
Fifth Round—Aug. 25	
Spain 8	West Germany 7
Yugoslavia 11	Romania 8
Soviet Union 12	Hungary 10
Holland 10	Italy 8
Sixth Round—Aug. 26	
Soviet Union 8	Yugoslavia 8
Spain 8	Holland 7
Hungary 9	Romania 5
West Germany 9	Italy 8
Seventh Round—Aug. 27	
West Germany 9	Soviet Union 9
Hungary 9	Yugoslavia 7
Holland 6	Romania 5
Italy 18	Spain 13
TOP SCORERS	
Manuel Estiarte (Spain)	26
Milivoj Bebic (Yugoslavia)	20
Imre Budaveri (Hungary)	18
Tom Buunk (Holland)	15
Frank Otto (West Germany)	15

Gudrun Hanisch, FRG	82.000
Muriel Hermine, FRA	80.367
Catrien Eijken, HOL	79.433
Edith Boss, SUI	78.434
Marijke Engelen, HOL	78.167
Amanda Dodd, GBR	77.001
Ailson Bowler, GBR	76.783
SOLO—Aug. 25	
Carolyn Wilson, GBR	180.333
Muriel Hermine, FRA	172.767
Gudrun Hanisch, FRG	172.600
Alexandra Worisch, AUT	168.317
Marijke Engelen, HOL	166.767
Karin Singer, SUI	164.001
Antonella Terenzi, ITA	155.582
Patricia Serneets, BEL	154.334
DUET—Aug. 26	
Carolyn Wilson & Amanda Dodd	174.867
Great Britain	174.867
Gudrun Hanisch & Gerlind Scheller	168.834
West Germany	168.834
Marijke Engelen & Catrien Eijken	168.600
Holland	168.600
Alexandra Worisch & Eva Edinger	167.709
Austria	167.709
Muriel Hermine & Pascale Besson	165.742
France	165.742
Karin Singer & Edith Boss	165.618
Switzerland	165.618
Antonella Terenzi & Alessandra Ripetti	151.867
Italy	151.867
Asa Nilsson & Eva Jonsson	141.151
Sweden	141.151
TEAM—Aug. 27	
Great Britain	168.342
Holland	163.577
West Germany	159.381
France	159.269
Switzerland	157.448
Italy	149.815
Spain	140.488

Sweden	139.594
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NATIONAL SPORTS FESTIVAL V U.S. Air Force Academy Colorado Springs, Colo. July 2-3, 1983

SOLO	
Tracie Ruiz, South	194.700
Mary Visniski, West	187.917
Karen Josephson, North	187.684
Sarah Josephson, North	187.450
Holly Spencer, South	184.100
Becky Roy, West	183.767
Margarita Smith, South	177.467
Kim Stanley, West	174.583
DUET	
Tracie Ruiz & Holly Spencer	190.000
South	190.000
Karen & Sarah Josephson	189.767
North	189.767
Lisa Babb & Mary Visniski	185.375
West	185.375
Alice & Margarita Smith	179.742
South	179.742
Chathleen O'Brien & Erin O'Shaughnessy	170.833
North	170.833
Chare Muth & Holly Vargo	170.784
North	170.784
Karen Buchanan & Karen Brinkman	170.350
East	170.350
Tracy Farnow & Tracy Long	166.925
South	166.925
TEAM	
West	181.938
(Kish, Stanley, Harrell, Judge, Babb, Miller, Donn, Olson)	
North	176.577
South	170.927
East	170.027

synchro

XVI EUROPEAN CHAMPIONSHIPS Rome, Italy Aug. 24-27, 1983

FIGURES—Aug. 24	
Carolyn Wilson, GBR	86.333

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USS Applauded

Dear Editor:

The 1983 Southern Zone All-Star Meet will be remembered as a classic by the swimmers who participated. The get-acquainted barbecue, 75 years-young relay, goody bags and McDonald's strong support added excitement and that extra something which made this meet special.

One of the more enlightening events was an "Olympic Athletes Clinic," sponsored by United States Swimming. Peter Rocca and Billy Forrester, members of the 1976 and 1980 Olympic teams, presented the clinic.

In a crowded room of "future Olympians," Peter and Billy told of their accomplishments and setbacks during their careers. They gave advice on goal-setting, positive thinking, nutrition and the importance of attending the Junior Olympics and Zone All-Star Meets.

The clinic was a giant success. The idea of experienced swimmers conducting such a session proved to be very popular. The swimmers realized that they were not the only ones who make mistakes. They gained an insight through hearing how the champs became champions.

Athletic clinics such as these instill a degree of inspiration that may be unobtainable on a pool deck.

I applaud the USS organization for sponsoring the "Olympic Athletes Clinic," and I hope other swimmers will be fortunate enough to participate. To Peter Rocca and Billy Forrester . . . thank you for a job well done.

CAROL CRONIN

Co-Meet Director

Southern Zone All-Star Meet

Tallahassee, Fla.

What Price Glory?

Dear Swimming World:

Sergei Chlibashvili died four months ago, but who remembers? In the profusion of death, disaster and tragedy which have followed, was there anything significant to warrant reflection on this sad story?

In Bartlesville, Okla. (site of the recent U.S. Diving Outdoor Senior National Championships), even the deserved and mutual pride of their community and of the diving community in an outstanding performance will not likely be enough to maintain interest in "old news."

The cause of death was trauma to the brain and central nervous system, which ultimately permitted Sergei's heart to quit breathing. The trauma occurred by striking the back of his head on the edge of a five-inch thick platform—constructed of or covered by laminated wood—while

spinning backwards into the platform as fast as this highly-trained athlete could spin.

Perhaps blame ought to be laid at the feet of:

- His coaches at the site of the World University Games for not preventing him from doing the dive (they had tried to dissuade him from doing this dive);

- His coach back home who taught him to do the dive (she was, in fact, his widowed mother);

- The other coaches from other countries who covered their eyes and ears—and mouths—to avoid witnessing the tragedy (we felt bound by protocol);

- The meet administrators, life-guards, trainers, physicians and medical staff at the site for not saving his life (they had practiced all appropriate actions and reactions for just such an accident, twice within 48 hours prior to the accident);

- The spectators, media and the Olympic dream who push performers to their limit by their eager anticipation (these are but the frame for the performance, not the substance of it);

- The sport of diving, which routinely seduces its disciples to express serenity while seeking and embracing the edge of their potential (with this as the most tragic accident in 70 years, diving has a verifiably safer record—in both frequency and severity of accidents—than a solid majority of sports today).

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B-C Meet Feb. 25-26, 1984

While laying blame conveniently permits us to purge this spectacle from our memory, the complexities partially listed above do not permit this option. Rather, the tragedy of the death of Sergei Chlibashvili springs precisely from both these external complexities and from the myriad forces which compelled Sergei to drive himself to his edge.

Such is the tragic element in humanity that each tragedy in the procession of tragedies that bombards us all lingers according to the number of familiar cords that it strikes in each of us.

FRED NEWPORT
Diving Coach
University of Illinois
Champaign, Ill.

Misquoted and Misunderstood

Dear *Swimming World*:

I would like to identify myself as the caller (Bill) Lippman spoke of in reference to the "Vertical Backstroke Start." His article appeared in the September issue of *Swimming World* under the heading, "The Rules."

I believe Lippman has grossly misunderstood the gist of our conversation and has taken the liberty to mis-use his position as a rules interpreter to be one of a rules maker.

It would take more space than can be provided to explain the mechanics of the "Vertical Backstroke Start" for long course swimming than is

provided here. Briefly put, at the command, "Take your marks," the vertical backstroke start swimmer has his/her feet below the surface of the water. After the sound of the starting system (gun, beeper, etc.) to begin racing, the swimmer then pulls his/her feet above the surface of the water to push themselves away from

The argument here lies in the definition of the word, "start."

the wall. Nowhere in the rule book does it define that the start of the race is over when the feet leave the wall.

The command, "Take your marks," indicates the swimmers should assume the starting position. The word, "mark," is defined in the technical rules book on page 13 to be a starting position (feet underwater for backstroke). Upon clearance of such position, the starter then releases the swimmer to begin racing by initiating the proper sound to do so.

The sole intent of the start is to assure that no swimmer begins his/her motion before that sound is heard. According to Lippman and his interpretation, the timer should not begin running until the feet have left the wall.

The argument here lies in the defi-

nition of the word, "start," and when is the "start" over and the race begun. This is not defined in our rule book. . . .

Lippman . . . quoted me as saying that I frequently looked for ways of getting around the rules to get swimmers to go faster. Actually, I told him, "I am always willing to try anything that may be faster if the rules don't cover an item, or if it is within the rules." I do not appreciate Lippman making it sound like I am wantonly breaking existing rules.

STEVE DROZDA
North Jeffco Swim Coach
Arvada, Colo.

Visual Aids Helpful

Dear Editor:

I enjoyed the article, "American Swimming in the 1980s" by Don Gambriel and Steve Berizzi.

I would like to see a 16mm film, VHS tape or 35mm slides-and-cassette program made up depicting the rise and/or decline of U.S. swimming and where it's headed.

Our coach, Pete Malone (KC Blazers), preaches this grass-roots patriotism to our troops, and I wonder how much sinks in.

I would like a visual program available to clubs for kids and parents to increase their degree of patriotic enthusiasm to not let our swimming die.

LARRY RISEN
Overland Park, Kan. □

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NOVEMBER

- 11-13 Des Moines, Iowa; Aquatics Club Early Bird
 11-13 Cincinnati, Ohio; A & Under Meet
 12 Hubbard, Ohio; 7th Ann. Hubbard Parents B Meet, sc
 12 Menomonee Falls, Wis.; Menomonee Falls ABC Open, sc
 12-13 Canton, Ohio; Canton City Schools Booster Club A, sc
 12-13 Tulsa, Okla.; Trojan BC
 12-13 Oak Ridge, Tenn.; Oak Ridge Fall Invit.
 12-13 Norfolk, Va.; Headstart A Invit.
 12-13 Brown Deer, Wis.; Schroeder AB Open, sc
 12-13 Madison, Wis.; Madison Pepsi Single AG ABC Open, sc
 18-20 Tempe, Ariz.; Swim Devil Invit.
 18-20 Miami, Fla.; SWSC Thanksgiving Meet
 18-20 Cleveland, Ohio; CSU Fall Classic A Meet, sc
 18-20 Brantford, Canada; Swim International Brantford
 19-20 Ponca City, Okla.; Sailfish SR/AG
 19-20 Charleston, W.Va.; 10th Ann. Thanksgiving Invit.
 19-20 Kenosha, Wis.; Gobbler ABC Open, sc
 25-27 Waipahu, Hawaii; Pearl City Invit.
 25-27 Las Vegas, Nev.; 10th Ann. Thanksgiving Meet
 25-27 Hightstown, N.J.; Peddie Fall Fest.
 25-27 Madison, Wis.; Badger Dolphins ABC Open, sc
 25-27 Dublin, Ireland; 1983 Open International Winter Meet, sc

DECEMBER

- 2-4 Fort Lauderdale, Fla.; Hall of Fame Trophy Meet, sc
 3-4 Culver City, Calif.; All-Star Qualifier A Meet, sc
 3-4 Lompoc, Calif.; Pentathlon
 3-4 Valencia, Calif.; ABC Age Group Meet

- 3-4 Tulsa, Okla.; Hurricane Invit.
 3-4 Grafton, Wis.; Seven-Up AB Open, sc
 3-4 Milwaukee, Wis.; M & I Bank C Meet
 4 Warren, Ohio; Snowflake B Meet, sc
 9-11 St. Louis, Mo.; Sugar Creek Holiday Invit.
 9-11 Cincinnati, Ohio; CPM Invitational
 9-11 Maple Heights, Ohio; Silver Dolphins AB Invit., sc
 10 Fort Lauderdale, Fla.; Pine Crest Santa Claus Meet, sc
 10-11 San Pedro, Calif.; Age Group BC Meet, sc
 10-11 Waterloo, Iowa; Sharks Classic AB
 10-11 Kalamazoo, Mich.; Y-KAT Winter Champs
 10-11 Bartlesville, Okla.; Phillips 66 B Meet
 10-11 Green Bay, Wis.; ABC Open, sc
 11 Bridgewater, N.J.; Mini Meet
 11 Newark, N.J.; Senior Circuit
 11 Verona, Wis.; Verona AG Invit., sc meters
 11 Whitefish Bay, Wis.; North Shore AB Open, sc
 16-18 Tempe, Ariz.; Fiesta Bowl XIII
 16-18 Catonsville, Md.; TWA 7th Ann. Invit.
 16-18 Towson, Md.; NBAC Christmas Meet
 16-18 Pittsburgh, Pa.; 22nd Allegheny Mt. Christmas Meet
 16-18 El Paso, Texas; 17th Ann. Sun Bowl AB
 17 Charleston, W.Va.; 5th Ann. Winter 8 & Under Invit.
 17-18 Barstow, Calif.; ABC Open, sc
 17-18 El Toro, Calif.; Holiday Invitational
 17-18 Indianapolis, Ind.; Perry Meridian HS Meet
 17-18 Beloit, Wis.; Beloit ABC Open, sc
 18 Fanwood-Scotch Plains, N.J.; C Meet
 18 Mountain Lakes, N.J.; A/AA Meet
 20 Miami, Fla.; JR Orange Bowl Sprintathlon
 27-29 Salt Lake City, Utah; 18th Ann. Kearns Holiday Open & Mini Meet
 28-29 Lancaster, Pa.; 6th Ann. Holiday Meet

JANUARY 1984

- 6-8 Bartlesville, Okla.; Phillips 66 A Meet
 6-8 Austin, Texas; U.S. Swimming Internat. Meet
 7-8 Lakewood, Ohio; 25th Ann. Jim Scullion A Meet, sc
 7-8 Greendale, Wis.; Greendale ABC Open
 7-8 Madison, Wis.; Badger Dolphin Open ABC
 7-8 Milwaukee, Wis.; YMCA Finalist
 13-15 East Setauket, N.Y.; GAA's 6th Ann. Winter Wonderland

- 13-15 Cincinnati, Ohio; A & Under Meet
 13-15 Huntington, W.Va.; 16th Ann. Winter Invit.
 14-15 Ponca City, Okla.; Sailfish BC
 20-22 Madison, Wis.; Madison Pepsi ABC Open
 20-22 Geneva, Switzerland; Internat. Champs of Geneva
 21-22 Grafton, Wis.; 7-Up AC ABC Open
 22-29 Fairview Park, Ohio; McDonald's Lake Erie JOs, sc
 28 North Olmsted, Ohio; Lollipop 12 and under Meet, sc
 28 Moore, Okla.; MAC Pentathlon
 28-29 LaCrosse, Wis.; LaCrosse Y ABC Open
 28-29 Whitefish Bay, Wis.; North Shore BC Open

FEBRUARY

- 3-4 Montgomery, Ala.; MOB Invitational BC, sc
 3-5 Milwaukee, Wis.; Schroeder A+ Meet
 4-5 Indianapolis, Ind.; Circle City Classic AB
 4-5 Kokomo, Ind.; YMCA JR State Champs
 4-5 Berea, Ohio; 27th Boosters AG/Opens
 10-12 Tempe, Ariz.; Swim Devil Valentine Invit.
 11 Hubbard, Ohio; 8th Ann. HSC B Meet
 17-19 Rochester, Minn.; 4th Ann. President's Day Meet
 17-19 Cincinnati, Ohio; CPM Invitational
 24-26 Charleston, W.Va.; 23rd Ann. Springtime Invit.
 25-26 Lancaster, Pa.; BC Meet

MASTERS

- NOVEMBER
 19-20 San Francisco, Calif.; San Francisco State, sc
 DECEMBER
 3 Truckee, Calif.; Truckee Meet, sc
 11 North Miami Beach, Fla.; JCC Fall Masters Meet

WATER POLO

- NOVEMBER
 11-13 Annapolis, Md.; Eastern Collegiate Champs

CLINICS

- DECEMBER
 1-3 Atlanta, Ga.; NSPF Pool Oper. Nat'l. Certif. Course
 18- Ft. Lauderdale, Fla.; College Swimming Coaches Forum

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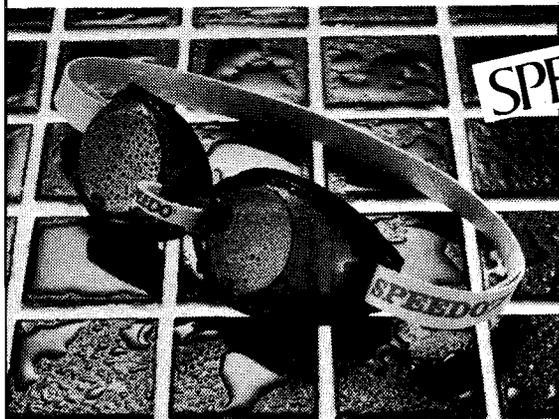
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CALIFORNIA CAPITAL AQUATICS seeking head coach beginning Nov. 1, 1983. Year-round USS team located 15 miles northeast of Sacramento in rapidly growing area. Applicant must be able to work with age group to Senior National level and to enthusiastically provide management and administrative skills. Tremendous potential with enthusiastic group of swimmers and hard-working parents. Salary commensurate with qualifications and skills, starting in \$15-18,000 range. Need references and resumes immediately. Write C.C.A., P.O. Box 72, Fair Oaks, CA 95628; (916) 965-5728.

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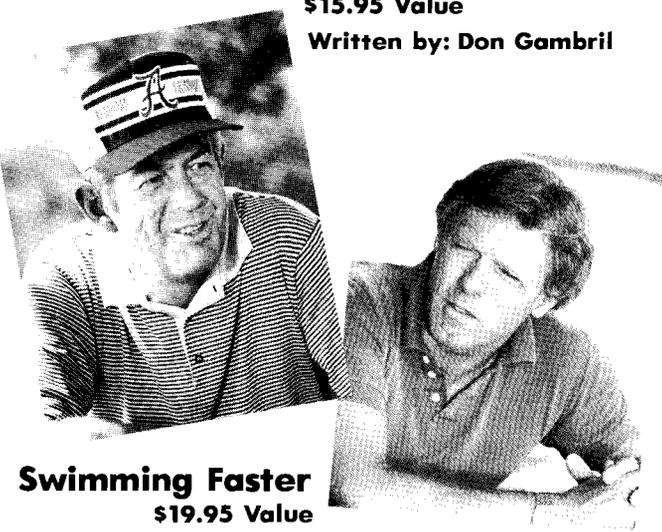
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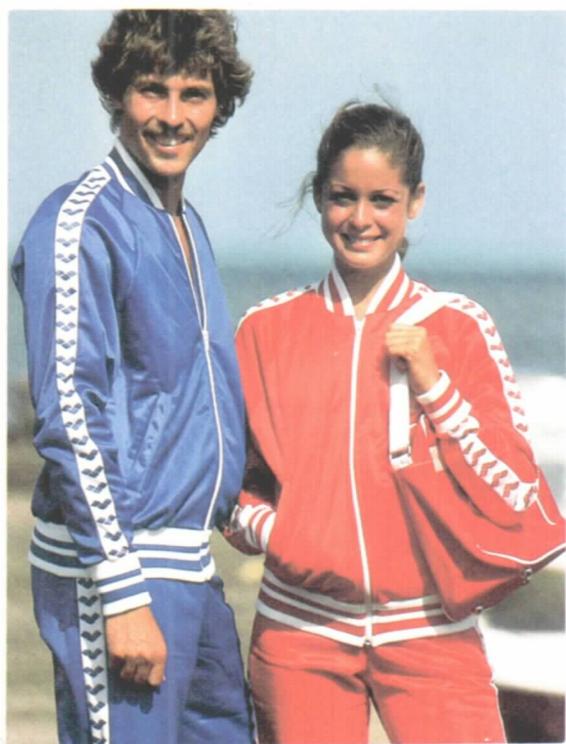
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