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March 2000 Volume 41 No. 3

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# Olympic Flashback

# By Steve Johnson

This is the second in a series of articles chronicling the history of swimming in the Olympic Games from Athens in 1896 all the way through Atlanta in 1996. This month features the Games in 1906 (Athens), 1908 (London) and 1912 (Stockholm) as well as a mini-feature on one of America's all-time swimming greats, Duke Kahanamoku.



# Actions Speak Louder Than Words

## By Kari Lydersen

Tom Malchow, the American record holder in the 200 meter butterfly, speaks softly but carries a big kick-one he hopes will propel him to a gold medal in Sydney.



# O & A with Kieren Perkins

### **By Cecil Colwin**

Australia's Kieren Perkins, perhaps the greatest distance swimmer of all-time, shares his thoughts on swimming the 1500 and on training for the upcoming Australian Olympic Trials in May.



# Camp Listings

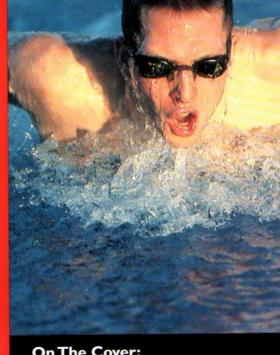
Do you want to go to a swimming or diving camp this summer, but just don't know which camp is best for you? Check out the possibilities from nearly 60 listings in Swimming World's 27th Annual Camp Directory.



# World and U.S. Best Times

1999 is over, and swimming's elite are ready for the final lap as they prepare for the Olympic Games in Sydney. Find out who ranked as the top 25 swimmers in the world and the United States in the pre-Olympic year.

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# On The Cover:

Cover and contents photos by Michael Aron

Last August at Pan Pacs, Tom Malchow set an American record in the 200 meter fly (1:55.41)only 2-tenths shy of the world record. And in February, Tom twice cracked the U.S. short course meters mark, first with a 1:53.61, then a 1:53.28. "He's an extremely committed, dedicated swimmer," says his coach, Jon Urbanchek. "He works hard day-in and day-out." That hard work could earn him a spot on the U.S. Olympic team. "I have a shot, but let's leave it at that," Tom said "In '96, (American record holder) Melvin (Stewart) thought he'd make the Olympic team, and then some kid came out of the woodwork and knocked him out of his spot-me. You never know when that will happen again." (See story, page 20.

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# note Time's Running Out For a Clean Olympics

ith only six-and-a half months left before the first swimmers mount the blocks for the first event of the 2000 Games in Sydney, the prospects for a drugfree Olympics are growing dimmer.

Last month we chronicled the overwhelming evidence that, once again, there is widespread doping of Chinese swimmers. This, despite the fact that the Chinese Swimming Federation appears finally to be making an effort to deal with the doping plague—though still denying, of course, that China has ever had a special problem and while continuing to hurl tired accusations against those who point out the obvious.

Recently, the Chinese federation attempted to respond to ASCA, Swimming World and Australian coaches and journalists by providing information on the new crop of Chinese swimmers that suddenly sprouted with exalted world-class times at the World Cup meet in Shanghai in January. The gist of the Chinese argument was that these new swimmers were not "new" at all, but had progressed at a normal rate over the previous several years.

The ignored requirement that meet results be reported to FINA was explained by saying that the federation was unable to find anyone to translate events, swimmers' names and times into English. In addition, the data were disordered, confusing, lacked computer corroboration and appeared to be slapped hurriedly together in a clumsy attempt to dissuade critics.

Then there's the matter of the mass spectrometer housed at the Peoples' Liberation Army base near Shanghai, home to China's premier swim team, and first reported by

Swimming World more than two years ago. Chinese officials say the technology is being used to test for doping, but skeptics point out that it can also be used to make the detection of drug use by FINA much more difficult.

China is by no means the only problem, though it is doubtful that there is widespread organized doping anywhere else. Still, there has been a handful of positive tests for performance-enhancing drugs around the world. With the rewards for Olympic success escalating, the temptation to cheat will only grow. And, as the Michelle Smith-De Bruin case demonstrated, even one drug cheat can impact dozens of legitimate athletes and millions of idealistic youngsters.

The commitment of the IOC to a clean Olympics remains very much in doubt as well. Even as the Lords of the Rings were reeling from the public relations nightmare of proven bribery, corruption and doping allegations, they continued to pussyfoot around finding reliable tests to detect such widely-used genetically-engineered hormones as EPO and hGH, preferring to spend money on advertising and PR. And they continue to shy away from blood testing, a much more sensitive means for detecting drug use than urine tests.

In the case of EPO, thought to be widely used by cyclists, distance runners and cross-country skiers, it is clear that the IOC has deliberately failed to fund research that appeared to hold the most promise to develop a reliable test by Sydney, instead funding research that experts agreed would not yield a reliable test. Talk about cynicism!

Phil's e-mail: philw@swiminfo.com



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American Swimming Coaches Association





# One Step Forward, Two Steps Back

always thought that American swimmers deserve more recognition internationally. I was glad to see a good step taken toward this matter when it was decided that the NCAA Championships would be held in short course meters. However, a step in the other direction was taken when it was decided that spring nationals would be held in the short course yards format for the next three years.

I wonder what the benefit is of isolating American swimmers from the rest of the world? Both of these meets should be great opportunities to compare the performance of American swimmers against world standards.

EMAD ELSHAFEI, Former African record holder and 1984 Olympian Via E-mail

# **Totally Awesome**

The article about Brooke Bennett in the January issue was great. In March of 1989, as an age group coach with 14 years of experience, I watched 8-year-old Brooke race to a 5:58 500 yard free at our Junior Olympic meet. When her time flashed up on the scoreboard, I turned to one of my older swimmers and said, "That girl will either be totally awesome or completely fall apart in the next few years."

It has been a pleasure to watch her develop into the awesome distance swimmer she has become.

FRANK LOCK Englewood, Florida

## Add These to Your List

Thank you for the great effort made at ranking the 25 greatest men and women swimmers of the century. This was obviously a huge undertaking, but I believe you did an admirable job of bringing together accomplishments from the past and present.

I would like to add my own list of swimmers who should have at least been mentioned under the "Others Receiving Votes."

Men—Lenny Krayzelburg, Mel Stewart, Igor Polianski, David Berkoff, Steve Lundquist, John Moffet, Giorgio Lamberti, Michael Klim, David Wharton, Tom Dolan, Jani Sievinen, Martin Zubero, Neil Walker.

Women—Jenny Thompson, Dara Torres, Karen Moe, Angel Martino, Lea Maurer, Nicole Haislett, Martina Moravcova, Whitney Hedgepeth.

I know that I have probably still missed some great names that deserve mention. However, the accomplishments of all these athletes is noteworthy.

BILLY HOWARD Kearney, Nebraska

# Clearing the Clearinghouse

always read with interest the articles pertaining to college swimming. "The Swimmers' and Parents' Guide to College Recruiting" by Don Wagner in the November issue offered good advice for a college-bound student-athlete. However, I came across some information that was incorrect and has been a confusing issue with college-bound student-athletes.

A prospective student-athlete (PSA) does not have to be registered with the NCAA Clearinghouse to make an official visit. For an official visit to take place, the NCAA rule states that a copy of the PSA's transcript must be on file at the university providing the visit. The transcript must include a recorded score from a national test (PSAT, PACT, SAT, ACT) and that the transcript can be unofficial. The PSA must also be notified in writing from the institution providing the visit that the visit is one of their five paid (official) trips.

Registration with the NCAA Clearinghouse is only required to receive a scholarship and/or begin participation in a sport at a Division I institution. It has nothing to do with official visits.

CHRIS MARSHALL Head Swimming Coach Lehigh University Bethlehem, Pennsylvania

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# **Kenyon Tragedy**

**College** Div. III national champion women's swim team, was killed in a tragic van accident near Coshocton, Ohio on Jan. 13. She was a daughter of Albert and Patricia Hatcher of Evanston, Ill.

Hatcher was a passenger in the van, which was returning from a meet at the University of North Carolina. The driver lost control under icy road conditions, the van hit the guard rail and flipped over. Several other swimmers were injured in the accident, including Jessica Case and Kate Holland, who were life-flighted to Grant Hospital in Columbus.



Molly Hatcher

Swimming World joins the rest of the U.S. swimming community in mourning the loss of Molly Hatcher and sends it sincere condolences to the members of the Kenyon College team, their coaches and their families.

The Kenyon team sent us the following letter of thanks:

"On behalf of the Kenyon College community, we would like to extend our most heartfelt thanks to those who have shown support in facing our tragedy. The outpouring of kindness and caring has been uplifting. As we carry on with our season, we are encouraged by the continuing support received from so many people across the country."

Sincerely, 2000 Kenyon Lords and Ladies

Thorpedo, Lenny Soar at World Cup

Superstars Ian Thorpe and Lenny Krayzelburg each set two world short course records at FINA World Cup meets in January and February.

It all started Jan. 19 in Sydney, when Thorpe, 17, lowered his own

WR in the 200 meter free. Swimming before a home crowd, the Thorpedo

destroyed his 9-month-old mark of 1:43.28 with a stunning 1:42.54. At that same meet, Grant Hackett, 19, stroked



Ian Thorpe

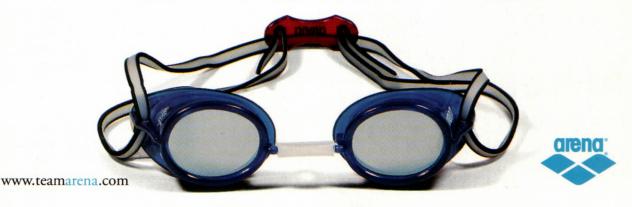
a cool 14:29.52 for the 1500, ten seconds off his own global mark, but still faster than anyone else has swum.

At the next stop on the World Cup tour, in Sheffield, England, Feb. 1-2, **Tom Malchow** cracked the American record in the 200 meter fly, clocking 1:53.61 and defeating WR-holder, **James Hickman**, in the process. The old U.S. standard was 1:54.37, set by **Mel Stewart** almost six years ago.

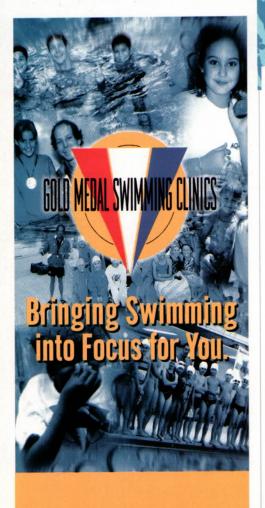
Slovakia's **Martina Moravcova** did not set any records, but she was easily the top woman at Ponds Forge, walking away with wins in the 100 and 200 free, and the 100 and 200 IM.

The next act was played out in

# What it takes to win.



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Berlin's spanking new pool, Feb. 5-6, where Thorpy and Lenny shined more brightly than any stars in the wintry German sky. Swimming the 200 meter free, the Aussie destroyed his three-week-old mark, posting a mind-boggling 1:41.10. His splits: 24.04-49.73-1:15.43-1:41.10. That's out in 49.73, back in 51.37.

Lenny the K came back with two world marks. In the 100 meter back, he clocked 51.28, erasing Jeff Rouse's 51.43 from 1993. He stopped the clock at 1:52.43 in the 200 back, 8-hundredths faster than Martin Zubero's old record set back in 1991. Lenny's splits: 26.39-55.06-1:23.87-1:52.43. He was out in 55.06, came home in 57.37. For good measure, he also clocked 24.17 to win the 50 back, just 5-hundredths shy of the WR.



**Chad Carvin** 

Almost as spectacular as Thorpe and Krayzelburg, **Chad Carvin** swam away with two American marks in Berlin. In the 400 meter free, Carvin carved almost a second off his own record, touching in 3:40.66, behind Thorpe's winning 3:39.03. His 1500 was even better—14:43.69—breaking **Jeff Kostoff's** 12-year-old U.S. standard by seven seconds. Only Hackett and **Kieren Perkins** have swum faster this season.

Tyler Painter was a strong third in 14:50.70, just a hair slower than Kostoff's old mark.

Not to be outdone, **Tom Malchow** took his five-day-old 200 meter fly

mark down another notch, posting a 1:53.28.

In the women's competition, **B.J. Bedford** was a triple winner, sweeping the backstrokes and setting World Cup marks of 27.62 in the 50 and 58.89 in the 100. She also won the 200 in a swift 2:08.60. Ukraine's **Yana** 

Klochkova not only was unstoppable in the IMs, posting times of 2:10.77 and 4:35.01, but she also took the 400 free with ease in 4:07.75.

On to Im-

peria, Italy,

where on Feb.



Yana Klochkova

9-10, **Jenny Thompson** went five-for-five, taking the 50 and 100 free, 50 and 100 fly, and 100 IM. In the longer fly, J.T., the WR-holder, barely held off China's **Ruan Yi**, 58.01 to 58.03. Ruan's time was an Asian record. **Brooke Bennett** took the 400 free in 4:07.70, but was upset by Britain's fast-improving **Rebecca Cooke**, who won the 800 in 8:28.35.

# Keystone Kops Play Berlin

The World Cup meets in Sheffield and Berlin not only had some fast swimming, but two bizarre drug controversies as well.

First, German coach Manfred Thiesmann commented that "a lot of people suspect (Ian Thorpe) of doping. When I was sitting at the coaches' bench in Sydney at the World Cup, every coach wondered how it was possible (to swim so fast)."

Thiesmann also suggested the margins by which Thorpe was breaking records were similar to those by which Chinese swimmers set new standards at the Rome World Championships in 1994.

Thorpe issued a denial, saying "tak-



Don Talbot

ing drugs is inexcusable." The Australian national coach, Don Talbot, also issued stronglyworded denial and pointed out that Thorpe taken part in the

first experimental blood testing procedures as part of an all-out effort to stamp out drug cheats. He and Australian Swimming head, Terry Gathercole, called for mandatory blood testing.

Phillip Whitten, editor-in-chief of Swimming World, supported Thorpe. "There is absolutely no reason to suspect Ian Thorpe is doping," he told the European and Australian press, and attributed the teenager's success to his "physical attributes, natural talent, excellent coaching and superior technique."

In Berlin, FINA officials asked Thorpe, three other Aussies and Lenny Krayzelburg for urine samples for drug tests. However, in best Keystone Kops tradition, for the first time known to Swimming World, and in violation of FINA procedures, the containers were not sealed in tamperproof containers, allowing for the possibility that the samples could be sabotaged after they left the facility.

The American and Australian teams threatened to boycott the World Cup if proper procedures were not followed. Krayzelburg refused to provide a sample until he was assured that the containers would be sealed in the presence of German police.

Several days later, bowing to pressure from Australia, FINA agreed to investigate the bizarre drug-testing fiasco in Berlin.

# **NCAA Swimming**

CLA Stuns Stanford. Led by senior Keiko Price, who posted individual wins in the 50 meter (25.81) and 100 meter free (56.72) and anchored the Bruins' winning 200 medley and free relays, the 15thranked UCLA women's swim team upset No. 3 Stanford on Jan. 28. In a seesaw battle, the Bruins triumphed

154-145 to record their first-ever dual meet victory over the Cardinal. An ebullient UCLA coach, Cyndi Gallagher, said: "We had some outstanding swims and a total team effort today."

# On the Web (Update)

ollege Best Times. Swimming World's web site, swiminfo.com, continues to publish the men's and women's NCAA top 25 times in each event, for yards and short course meters, every two weeks. The most recent rankings were posted on Feb. 22. The next listings go up on March 7.

# People

arnaugh Switches Teams. 1992 Olympian and 2000 U.S. Olympic hopeful, Dr. Ron Karnaugh, 32, is now swimming under Coach Randy Reese at the Circle C Swim Team in Austin, Texas. Karnaugh was the bronze medalist in the 200 IM at the 1998 World Championships in Perth.

Van Dyken to Swim 50, 100 Free. Contrary to recent media reports, Swimming World has learned that quadruple 1996 Olympic gold medalist Amy Van Dyken, 27, will not con-



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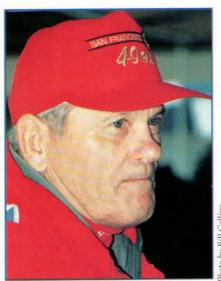


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fine herself only to the 50 free this year. According to several published reports, Van Dyken, who underwent shoulder surgery in January for the second time in 16 months, has said she would swim only the 50 free, in which she holds the American record.

However, we have confirmed that Van Dyken will swim both the 50 and 100 free, passing only on the 100 fly. By swimming both freestyle sprints, Van Dyken puts herself in contention



George Haines

for four Olympic medals in 2000.

Coach Haines Enshrined...Again. George Haines, 76, an honoree in the International Swimming Hall of Fame and cited in January's Swimming World as the greatest coach of the 20th century, has been named to the Silicon Valley Hall of Fame.

Blake Heads USOC. Businessman Norman Blake, 58, has been given a three-year contract and appointed the new CEO of the U.S. Olympic Committee. Auspiciously, he began his new job on Valentine's Day.

Bray Tests Positive. Top New Zealand swimmer Trent Bray has tested positive for the banned steroid nandrolone. The 26-year-old former Commonwealth Games and world short course silver medalist vowed to fight the case, saying he had "never put any substance of this nature into my body."

In recent months, there has been a spate of positives for nandrolone, most involving high-profile track and field athletes. All have denied using the drug, which builds muscle mass but is considered one of the older steroids. There is some speculation that nandrolone is being used in sup-

plements but not listed among the ingredients.

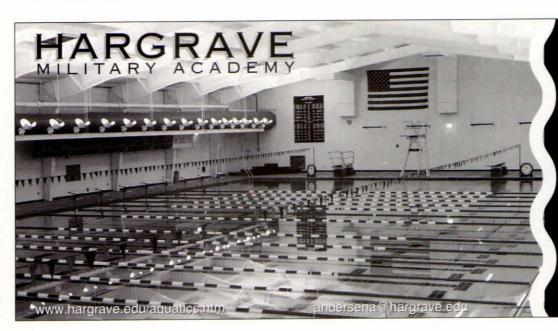
# On Deck

orbes Got Game. Famed Australian swim coach and anti-drugs crusader, Forbes Carlile, underwent successful quintuple heart bypass surgery in Sydney on Feb. 2. Buoyed by greetings from friends and supporters around the globe, he is recovering quickly and vows to get back in the thick of things within a few weeks. Well-wishers can send their greetings to Carlile c/o Phil Whitten at PhilW@swiminfo.com.

Liebowitz Recovering. USC assistant coach Larry Liebowitz underwent surgery for diverticulitis on Feb. 3. He will be out for the rest of the college season. Bill Jewell, head coach at Golden West College, will take his place on deck for the remainder of the season.

Jewell is also in line to replace USC assistant, **Jim Montrella**, who is retiring after this season. Montrella was formerly the head coach at Ohio State.

If you have a news item for "Lane 9," send it to: Lane 9, Swimming World, P.O. Box 20337, Sedona, AZ 86341. Or fax it to: (520) 284-2477.



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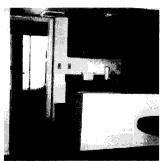
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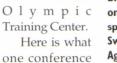


# "Future of Swimming Is Knowledge"

SA Swimming will hold the highly successful National Age Group Coaches Conference Part 1 (April 4-8) and Part 2 (April 8-12) this year at the Lake Placid, N.Y., Olympic Training Center. Both sessions will have major presentations from Bill Boomer and Milt Nelms on stroke posturing.

The fee of \$220 not only includes registration, but also all food and lodging at the Lake Placid Olympic

participant said



Bill Boomer will be one of the featured speakers at USA Swimming's National **Age Group Coaches** 

after attending last year's conference: "This is the best idea USA Swimming has come up with to improve coaching in this sport. The future of swimming is knowledge."

For descriptions of both parts of the conference, visit the USA Swimming web site at www.usa-swimming.org.

# National Junior Team

The brother-and-sister team of Michael and Caroline Bruce headline the USA Swimming 1999-2000 National Junior team. Michael, 18, and Caroline, 13, both made the team in the 200 meter

### MEN

NAME	EVENT(S)
Atkins, Brian	200 Free
Bruce, Michael	200 Breast
Buffington, Ross	800 Free
Calhoun, Pat	100 Breast
Cover, Brandon	200 Fly, 200 IM
Cramer, Jayme	100 Back, 100 Fly
Crippen, Fran	800 Free
Ervin, Anthony	100 Free
	100 Fly
	200 Free
Greenwood, Chris	400 IM
Kahn, David	200 IM
Kirkland, Clay	100 Free
Long, Richard	200 IM
Mahaney, Andrew	200 Fly, 800 Free
Prichard, Ian	400, 800, 1500 Free
Proffitt, Jordie	200 IM
Smith, Sean	800 Free
Staley, Trent	200 Back
Trupin, Dan	200 IM

### CLUB TEAM Deanza Cupertino Wichita Shilshole Seymour Swimming Bolles Anderson Barracudas Foxcatcher Canyons Team Suffolk Ft. Lauderdale Nova of Virginia Team Suffolk **Bolles** Fort Eustis Atlantis A.C. Buenaventura Henderson YMCA Kerr-McGee Tualatin Hills Champaign

1. Hajkorich
E. Nelson
D. Rusk
D. Boggs
L. Shofe
E. Bachman
R. Shoulberg
B. Patmos
J. DeMarie
J. Nelson
G. Brown
J. DeMarie
L. Shofe
D. Henderson
R. Herb
R. Mirande
J. Rogers
J. Brown
P. Bergen
F. Sampson
*****
COACH

COACH

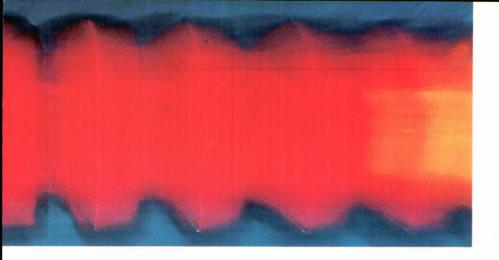
P. Raykovich

### WOMEN

WOMEN	
NAME	EVENT(S)
Bigham, Jennifer	400 Free
Bruce, Caroline	200 Breast
Burke, Rachael	1500 Free
Cashion, Courtney	100 Free
Daly, Ashley	100 Breast, 200 I
Dykehouse, Carlie	200 Fly
Fuccillo, Jeana	400 IM
Genova, Victoria	200 Fly
Hastings, Chelsea	200 Back
Kirk, Dana	100 Fly
MacManus, Diana	100 Back
Swindle, Christina	100 Free
Tannhauser, Jamie	200, 800 Free
Weir, Amanda	100 Free

CLUB TEAM	COACH
Redlands	C. Riggs
Wichita	E. Nelson
Curl-Burke	R. Curl
Irvine Nova	D. Salo
Dynamo	H. Covney
Trinity	E. Fraser
Rockwood	J. Halliburton
Coral Springs	M. Lohberg
Bolles	L. Shofe
Maki Aquatics	G. Mazurkiewicz
Irvine Nova	D. Salo
Miami Swimming	A. Angulo
Shilshole	D. Rusk
Swim Atlanta	P. Perers

Head Men's Coach: Skip Kenney, Stanford Assistant Men's Coach: Mark Bernardino, Virginia Head Women's Coach: Jerry Holtrey, Lake Erie Silver Dolphins Assistant Women's Coach: Steve Bultman, Texas A&M Head Manager: Greg Layne, Bowling Green Swim Club Assistant Manager: Greg Rhodenbaugh, University of Arizona





breaststroke. They also have two sisters, Jaime and Elizabeth, who swim breaststroke.

The team boasts still more family ties: Fran Crippen, who made the team in the 800 meter freestyle, is the younger brother of Maddy Crippen, a member of the 1999 Pan Pacific team.

Rachael Burke, one of only five swimmers to qualify in two events, swims for Rick Curl and the Curl-Burke Swim Team. However, this Burke is no relation to the Burke of Curl-Burke, which happens to be a city, not a person.

Amanda Weir was a triple winner at the 1999 Spring Nationals, earning Rookie of the Meet honors. Weir made the team in the 100 meter free.

### Qualifications

The National Junior team is comprised of U.S. swimmers—boys 17 and under and girls 15 and under—who are the fastest performers in their event(s) in the integrated results of the Spring and Summer Nationals, the summer Junior Championships and the U.S. Olympic Trials. Those swimmers are automatically selected. All other eligible swimmers who achieve the time standard in these meets will be added to the team.

### **National Junior Team Alumni**

In the past, the National Junior team has been a springboard to superstardom. Some of the well-known current swimmers who are former National Junior team members include Josh Davis and Brad Bridgewater (89-90),

Ugur Taner and Trina Jackson (90-91), Chad Carvin and Lindsay Benko (91-92), Tom Dolan and Tom Malchow (92-93), Cristina Teuscher and Catherine Fox (93-94), Beth Botsford and Misty Hyman (94-95), Diana Munz and Chris Thompson (95-96), Jenna Street and Maddy Crippen (96-97), Erik Vendt and Melissa Deary (97-98), and Klete Keller and Kristen Caverly (98-99).

# New USA Swimming Videos

Ron Stanley, marketing director of Phillips 66, visited USA Swimming in January. Accompanying Ron was the crew from Pioneer Productions, which finished filming a series of videos that began at the U.S. Open. Phillips 66 and USA Swimming are producing three videos focusing on safety and recruitment:

- The Safety Video will entertain as well as educate swimmers about safety issues that are often overlooked at meets and practice.
- The Promotional Video is designed for clubs to motivate swimmers either to join or stay committed to USA Swimming clubs.
- The Recruitment Video includes two 30-second commercials. These commercials show both the pain and glory of swimming as a sport.

The commercials can be personalized with taglines by LSCs or clubs. The videos are expected to be completed in May. Each club will be receiving copies in the USA Swimming Tool Box. Please contact krosinsky@usa-swimming.org with any questions.

# SwimFest 2000

Due to the overwhelming response to the Why Be Dry Clinic that was held prior to the 1999 U.S. Open in San Antonio, USA Swimming has announced that it will expand the program in the year 2000.

Beginning with the Phillips 66 Spring National Championships in Seattle, USA Swimming will join local sponsors and facilities to conduct SwimFest 2000. There will be a series of four clinics to be held at Spring Nationals (Federal Way, Wash.), the World Cup (College Park, Md.), the U.S. Open (Auburn, Ala.) and the Cadillac Swim Series meets in Ann Arbor, Mich., Santa Clara, Calif. and Long Island, N.Y.

The clinics are targeted for youth swimmers, Masters swimmers, coaches and officials. The program's focus is to create a local following at each meet and to leave a legacy of improved swimming programs in cities that host USA Swimming's events.

For information on the SwimFest 2000 program and local sponsorship opportunities, please contact Ben Peterson at 719-578-4578 or by e-mail at bpeterson@usa-swimming.org.

U.S. Swimming National Headquarters, I Olympic Plaza, Colorado Springs, CO 80909; 719-578-4578; http://www.usswim.org

United States Swimming, Inc., is now, as it always has been, concerned for the safety of all its members. It will continue to disseminate such information as comes to its attention. However, United States Swimming cannot and does not accept responsibility for the content of any such information or material. All questions and conclusions stated in any such material are solely that of the author(s) and not necessarily that of United States Swimming, nor do they necessarily reflect the views of Swimming World magazine.



Sweden - 1912

# OLYMPICFLASHBACK

1906

[Athens, Greece]
Countries: 20
Athletes: 874
Swimming Events: 4
Too Medal-winning Nations: France 40

This is the second in a series chronicling the history of swimming in the Olympic Games from Athens in 1896 all the way through Atlanta

By Steve Johnson Photos courtesy of the International Swimming Hall of Fame



in 1996.

Charlie Daniels

Though deemed unofficial by the International Olympic Committee, the Intercalated (or Interim) Games are deserving of special notice because they jump-started the Olympic tradition after momentum for the Games had waned in Paris and St. Louis.

These Games also saw the program of swimming events begin to take a more modern shape, with the inclusion of the 100, 400 and 1500 meter freestyles as well as a 4 x 250 meter relay.

Charles Daniels of the United States, Zoltan Halmay of Hungary and John Jarvis of Great Britain all medalled in Athens.

And just 10 years after the first modern Games, the Olympics were well on their way to becoming a global phenomenon.



John Jarvis

# 1908

[London, England]
Countries: 22
Athletes: 2,035 [1,999 men; 36 women]
Events: 110
Swimming Events: 6 [all men's]
Too Medal-winning Nations:

Great Britain 145 (56 gold-50 silver-39 bronze) United States 47 (23-12-12) Sweden 22 (7-5-10)

White City Stadium, built for the London Games, included a velodrome, seating for over 68,000 spectators, and an unusually long 100-meter pool!

The host country's Henry Taylor emerged as the swimming star of the Games, taking first in the 400 meter free (5:36.8) and the 1500 meter free (22:48.4) and leading the British team to victory in the 4 x 200 meter freestyle relay.

In all, five of six events saw new world records, including one in the 100 free by American Charles Daniels, who led the back with a 1:05.6.

Interestingly, the 1908 Games were the first in which medals were given to the first three finishers. Previously, medals were only awarded to the firstand second-place finishers.



Fanny Durack

1912



[Stockholm, Sweden] Walter Bathe Countries: 28 Athletes: 2,547 (2,490 men, 57 women] Events: 102

Swimming Events: 9 [7 men's and 2 women's]
Top Medal-winning Nations:

Sweden 65 [24-24-17] United States 43 [23-19-1] Great Britain 41 [10-15-16]

The 1912 Olympics in Stockholm are best remembered for Jim Thorpe's world record successes in the most demanding track and field events, the pentathlon and the decathlon.

The action in the pool was equally memorable—it was the first time that swimming events were held for women!

Australia's Fanny Durack raced to the first Olympic swimming medal for women, winning the 100 meter free in a time of 1:22.2 (equaling the men's winning time set by Alfred Hajos of Hungary in 1896).

Duke Kahanamoku, America's Hawaiian superstar, took the men's



George Hodgson

100 free in 1:03.4, and Canada's George Hodgson was a double winner, stroking to world records in the 400 (5:24.4) and 1500 (22:00) freestyles. Hodgson's Olympic records would stand until the 1924 Games.

Germany, led by Walter Bathe's 3:01.8 in the 200 and 6:29.6 in the 400, swept the breaststroke events.

1916 (Berlin, Germany)

In ancient Greece, wars were suspended when the Olympic Games were held. This tradition did not continue in 1916. With World War I raging throughout Europe, the Games were cancelled instead of the War.

# The Duke: One of America's All-time Swimming Greats

ver the course of an Olympic swimming career that spanned from 1912 to 1924, Duke Kahanamoku won three golds and two silvers and established himself as one of America's all-time swimming greats.

A direct descendant of Hawaiian royalty, Duke spent much of his early career convincing skeptics from the mainland AAU

(the Amateur Athletic Union, swimming's governing body) that his incredibly fast times—swum in Hawaii—were, indeed, legitimate.

This became such an issue that pools were measured and re-measured to confirm that Duke had swum full-length races.

Indeed they were—and Duke, who became the first man to swim 100 yards in under a minute, went as fast as 53 seconds for the 100 yard freestyle.

Duke had success of another kind in the pool—he was named to the Olympic water polo team for the 1932 Games...at the age of 41!

—By Steve Johnson





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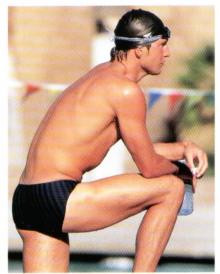


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# ATHERS CORNER

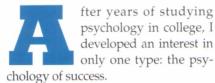


Bobby Brewer (above) claims that if we stop wanting to be successful and decide that we are successful, then we will be successful.

Photo by Lori Adamski-Peek

# **Create Your Success!**

By Bobby Brewer



Success seems to be a goal for all disciplines of psychology. And in all of these disciplines, one thing is evident: to a large degree, your reality is whatever you make of it. If a thought is powerful enough or becomes familiar enough, your mind will find a way to experience that thought physically. Psychologists refer to this as the "self-fulfilling prophecy."

Most studies of this phenomenon have focused on its negative aspect. For example, if you tell yourself that you are sick often enough, your mind will eventually be convinced that you are sick, and your body will experience symptoms of illness. Or, if you are told—and you tell yourself—that you are stupid and can't succeed in school, eventually that will become reality.

But what about the positive side of the self-fulfilling prophecy? Can this concept be used to produce success?

Yes! In essence, success is whatever we define it to be. In swimming, one swimmer may define a certain time, say 59 seconds in a particular event, as successful. Another may define success—in the same event—as 49 seconds.

How do you define success for

yourself? First, let's discuss the idea of wanting something.

Most people define success as wanting something more or better than what they already have. They have been told that if they define what it is they want, and if they want it badly enough, it will become theirs.

For instance, when you say to yourself, "I want to be a successful swimmer," your mind interprets that statement literally and does everything it can to make it happen. But is that really what you should be saying to yourself?

Think of it this way: if you want something or long for something, that means you don't possess it. You only dream of it happening.

To become something is a much more powerful thought. If you say, "I want to be a successful swimmer," you will always "want to be a successful swimmer." If you say, "I am a successful swimmer" and give thanks for all the things that make you successful, then your mind will be reminded constantly that you are successful.

Convince your mind that you are successful by making "I am" statements, such as "I am successful." Then define what success means to you, and your mind will do everything it can to achieve that success.

If your mind believes it is successful, then the only way to prove it is to make your definition of success your reality. That's the psychology of success.

### Remember:

- To want something is to long for it;
- To be something is to experience it.

Create your own reality by, first, defining success. Then convince your mind that you are successful.

Stop *wanting* to be successful, and decide that you *are* successful. And you will be!

Bobby Brewer was national champion in the 100 meter backstroke at Spring Nationals in 1998. Last year, he ranked second in the U.S. and eighth in the world in the 100 back (55.39). He trains under Coach Dave Salo at Irvine Nova and represents Team TYR.



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 $\label{lem:custom} \mbox{Custom and individual high point awards} \mbox{ $\mbox{\bf Accommodations:} Hotels available}$ 

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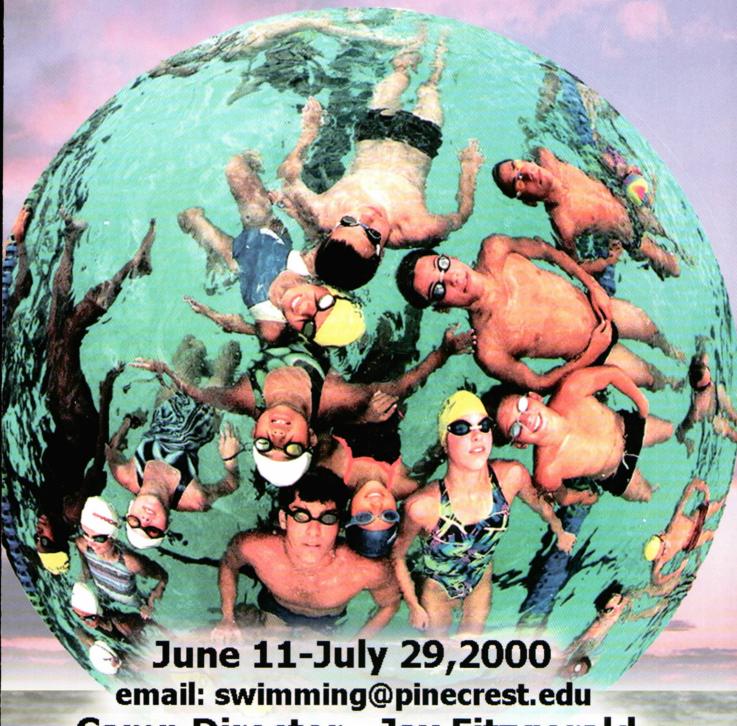
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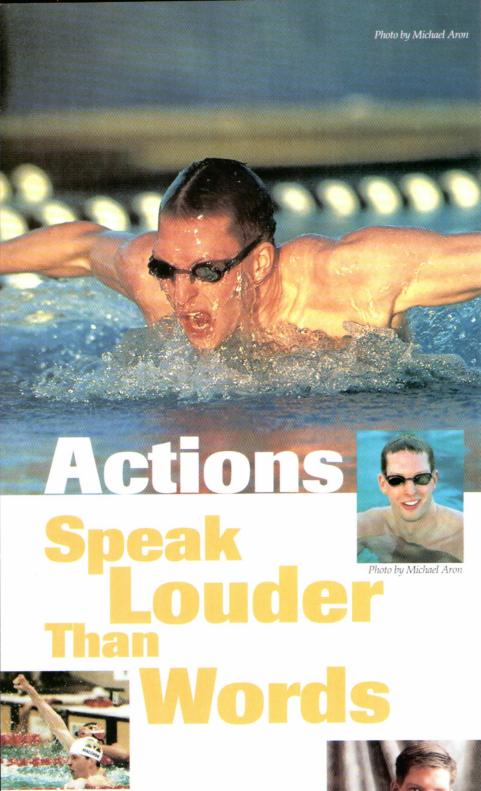


Photo by Peter H. Bick

Tom Malchow, the American record holder in the 200 meter butterfly, speaks softly, but carries a big kick.

By Kari Lydersen

**Tom Malchow** lets his actions speak for themselves.

"He's not into verbalizing his goals a lot," says his coach, Jon Urbanchek, at the University of Michigan, where Malchow still trains after finishing his NCAA eligibility last year. "He'll always just say, 'I want to do my best.' He keeps beating that drum."

Malchow really doesn't need to "talk the talk," considering how well his actions speak for themselves.

Last August at Pan Pacs in Sydney, Australia, Malchow set an American record in the 200 meter fly and logged the second fastest time ever swum in the event. He won by two seconds in 1:55.41, breaking Mel Stewart's American record of 1:55.69 from 1991. His time is less than 2-tenths of a second shy of the world record (1:55.22), which was set by Russian Denis Pankratov in 1995 before the rule change that limits underwater kicking to 15 meters off each wall.

Tom doesn't talk much about the world record, characteristically, but many in the swimming world see it as a definite possibility at the Olympics next summer. The fact that the Olympics will be in Sydney—the same site as the Pan Pacs in 1999—seems to be a good omen.

"I think that was one of the best summers I ever had," said Malchow, 23, with characteristic understatement. "I felt like I was really getting stronger and doing more training outside the pool. Being in Australia, it was hard not to get pumped up."

He also swam the fastest he has ever swum unrested this winter, going 1:59s or better in almost every meet. At the U.S. Open, he did his best unshaved 200 fly, going a low 1:57.

Many have speculated who will be the first to break 1:55—either Malchow in the 200 meter fly or his friend and national team teammate Lenny Krayzelberg in the 200 back.

"I've heard people talk about that, but it's more of a joke," said Malchow. "If I did it first, I'd be excited. If Lenny did it, I'd be equally excited. Any time someone breaks a major barrier like that, it's good for the individual and for the sport."

### **Full-time Commitment**

Malchow graduated from Michigan in December with a degree in sports management and communications. (He plans to "stay in the swimming world, but more on the business side" in the future.) That means he can now devote himself full time to training for Trials and the Olympics. "There's nothing for him to do now except for training and relaxation," said Urbanchek.

Tom said it has taken some adjustment to get used to training with the Michigan team but not competing for the university.

"I have a different role now," he said. "It's kind of strange not traveling to meets and making decisions with the team. But it helps me focus more, too."

Malchow was a top swimmer growing up in Mendota Heights, a suburb of St. Paul, Minn., where he swam for Coach Paul Lundsten at the Star Swim Team. In fact, Urbanchek and Lundsten are the only coaches he's ever had.

He made Pan Ams and the National Junior team during high school, but it was at Michigan that he really took off.

"The first time I saw him swim was at nationals in Mission Viejo in the summer of 1992," said Urbanchek. "He was tall and lanky. He really died at the end of his race, but I could see he had talent. I was impressed."

His first years at Michigan, Malchow was training with the dream team of Eric Namesnik, Eric Wunderlich, Tom Dolan, Gustavo Borges and John Piersma.

"They called him 'Puppy Chow," said Urbanchek. "I don't think you could call him that anymore. He's gained a lot of maturity."

Malchow surprised almost everyone at Olympic Trials his freshman year by winning the 200 fly in a time of 1:57.39 to qualify for the 1996 Olympics. Ray Carey finished second, and favorite Mel Stewart didn't even make the team. Malchow went on to win a silver medal at the Olympics (to Pankratov, in a time of 1:57.44)—all before he had ever won a national

title. Piersma, Dolan, Wunderlich, Borges (Brazil) and Namesnik all made the Olympic team, too.

"I knew that was in him," said Urbanchek, noting that Malchow always struggled more in short course. His best NCAA performances were second-place finishes his freshman and senior years in the 200 fly.

"They pulled me along and kept me hungry," Tom said of training with the other Michigan stars, who have now all retired or moved to other teams. "They showed me what a good work ethic was. Now it's the other way around. It's more like I'm leading and people are trying to catch up to me."

### **Dedication and Seriousness**

Urbanchek said Malchow's dedication and seriousness are outstanding, even in a sport where these qualities are the norm.

"He's an extremely committed, dedicated swimmer," said Urbanchek. "He works hard day-in and day-out. He just never has a bad day. And he takes very good care of his body—he probably gets more out of 6-8 and 180 pounds than anyone else."

Taking care of his body is important for Malchow—like former teammate Dolan, he has severe asthma and is prone to pneumonia. He said a new pill he is taking, Singulair, seems to have helped his asthma a lot, and he works with a personal doctor whom he can page at any time of day if he is having trouble. Urbanchek noted that he hasn't missed a day of training yet this season because of illness.

"I think I've learned to live with it," said Tom, who is learning to play the guitar now that he has more free time. "It's debilitating to a point, but these drugs put me on a level playing field."

Urbanchek notes that he is happy Malchow decided to move off campus and live by himself this year.

"That will help him take care of himself and his health even more," he said. "He's always been good at clean living. He doesn't burn a candle at



# The Malchow File



Age 12

Name: Tom Malchow

Age: 23

Height: 6-8

Weight: 180

**Birthday:** Aug. 18, 1976

**Hometown:** Ann Arbor, Michigan

Parents: Tim, a lawyer, and Mary Jo, a teacher

Club: Club Wolverine

Coach: Jon Urbanchek

Dog: Madame Butterfly ("Fly" for short)

Favorite Music: "Old School," like the Grateful Dead, Jimmy Buffett and

**Fleetwood Mac** 

Favorite Movies: "Wall Street," "Varsity Blues"

Favorite Food: "Anything that isn't nailed down"

Photo by Bill Collins

both ends like most college students. That was a good move to get away from campus. No disturbances and plenty of time to sleep—it was very mature of him to see that."

Tom works out 10 times a week, going Mondays and Thursdays in the distance free lane and swimming in the middle distance lane for the other eight sessions. He thrives on Michigan's famous high-yardage program, going 7,000 to 9,000 meters every workout. In the distance lane, he trains with two of the country's top milers, Chris Thompson and Tim Siciliano, who finished second and third, respectively, at last year's NCAAs.

"He holds his own with them," said Urbanchek. "That's what a hard worker he is. He's the type of person who wants to know how far and how fast and how often. He's very objective-oriented, and he likes regimenta-

tion."

Malchow also lifts weights every day. "He may not look very strong, but he is," said Urbanchek. "He has huge hands and feet, long arms and legs, and he's very streamlined. He has a lot of traits that help him move through the water."

Tom notes that he struggles to keep weight on his thin frame and "eats everything that isn't nailed down."

Malchow used to swim the 200 and

400 free as well as the fly, but because of scheduling, he has decided to concentrate almost wholly on the 200 fly.

"That's my event, and I think it makes sense just to do that right instead of doing several things halfway," he said. "I just train for the 200 and see how the 100 goes."

Even with that nonchalant focus, his 100 fly hasn't been bad—he went a best time of 54.64 at nationals last summer and won the consolation finals of the event.

Tom won't taper until Trials, though he might do a quick rest for spring nationals. He will swim several World Cup meets in Europe during February and March and the three Grand Prix meets around the country in June and July. In fact, in his first World Cup meet, Feb. 1-2 in Sheffield, England, Tom cracked Mel Stewart's American record in the 200 meter (short course) fly by almost a second. His 1:53.61 bested Great Britain's James Hickman, the short course world record holder. Five days later, he lowered his record to 1:53.28.

Though many other people already are focusing on how well he'll do in Sydney, for now, Malchow is just intent on making the team.

"I have a shot, but let's leave it at that," he said. "In '96, Melvin (Stewart) thought he'd make the Olympic team, and then some kid came out of the woodwork and knocked him out of his spot—me. You never know when that will happen again."

Kari Lydersen is a contributing editor of Swimming World and writes for The Washington















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# **How They Train Tom Malchow**

### Monday, Jan. 17, 2000

A.M. (Long course)

Warm-up: 1200: 400 free drills 400 back/breast/100 400 free/fly/50)

800: 4 x 100 drill-high elbow/armpit 4 x 100 drill-catch-up/six-beat kick

4 x 50 fly: :45 breathe 2nd pull Pre-Set: 4 x 50 back: :45-at mid 15m spin drills

4 x 50 breast: 1:00 lunges

4 x 50 free: :40 breathe every 5th stroke

3 x 400 on 5:00 desc. 1-3 I x 1500 timed-good effort

3 x 300 on 4:30 choice Fin Kick: Fin Swim: 5 x 200 on 2:30 hypoxic 3, 5 per 100 12 x 50 on :45 alternate one free/build, Finish:

one fly/build

Swim-down: 200 Total: 8,200 meters

## Monday, Jan. 17, 2000

P.M. (Long course)

Warm-up: 4 x 400 continuous (alternate one free, one IM) 4 x 200 on 2:40 (alternate 100 free, 100 IM) 8 x 100 on 1:20 (25 fly-50 free-25 fly) 12 x 100 on 1:15 with paddles Main Set/ Low pulse 22-23/10 sec. Threshold: :30 extra rest 6 x 200 on 2:30 desc. 1-3, 4-6 White (ENI)-Red (EN3) 2:14-2:08 :30 extra rest Pulse 23-25/10 sec. 3 x 800 on 9:30 desc. 1-3 400/400 white (ENI) 4:32-4:32

400/400 pink (EN2) 4:29/4:29 400/400 red (EN3) 4:18-4:18 Pulse 25-28/10 sec.

Recovery: 4 x 150 on 2:20 Total: 8,600 meters

# Tuesday, Jan. 18, 2000

A.M. (Long course)

Warm-up: 800 free (last 25 fly/100) 800 (400 free-400 IM) 3 x (4 x 50 on :45 IM order Pre-Set: (1 x 200 IM on 3:00 Descend IMs 1-3

Quality

9 x 100 on 2:00 Kick Set: Descend 1-3 and hold it!

HYP

Tethered

Fin Set: 4 x 300 at 3:30 (breathe every 3rd, 5th, 7th stroke by 100)

Pull: 4 x 200 free on 2:45 Power Work: 12 x 50 on 1:20 bucket Alternate one fly, one free

10x max. Stretch 30-35m

(use water snake swim belt by Lane Gainer) Resistance/ Hold: 15 in place at 200 meter stroke Speed

Assisted: rate (1.5 sec.) Sprint home/assisted

Finish off: 4 x 50 on 1:00 build Swim again 200

Total: 7,000 meters



### Tuesday, Jan. 18, 2000

P.M. (Long course)

Warm-up: Continuous 400 free-400 IM-400 free-400 IM 16 x 50 2 fly :50 (breathe every 4th stroke) Pre-Set: 2 free :40

Kick/Swim

No board: use paddles for kickboard Combo: 4 x 150 on 2:20 (50 kick/chin up; 50 swim free, 50 kick on back)

4 x 100 on 1:30 (50 kick, 50 swim) Main Set: 4 x (300 free + 100 casual on 1:30)

(Active Rest) Desc. 300s I-4 freestyle

4 x (200 free + 100 casual on 1:30)

Desc. 200s 1-4

4 x (100 fly + 100 casual on 1:30) Desc. 100s 1-4 (1:03-:59.0)  $3 \times 4 \times (50 \text{ casual} + 50 \text{ fly})$ 

1st round at 200 pace + 1.0 sec. per

50 (:30-:31.0)

2nd round at 200 pace (28.5-29.5) 3rd round at 200 pace -1.0 sec. per 50 (27.5-28.5)

Swim-down 300 Total: 8,500 meters

### Wednesday, Jan. 19, 2000

P.M. (Long course)

Warm-up: 800 (alternate 200 free-200 stroke) 400 (alternate 100 free-100 IM) 200 (alternate 50 free-50 fly) Pre: 8 x 100 on 1:30: 35m build-30m easy-35m build finish

3 x (100 fly on 2:00, descend 1-3) Kick: 3 x (200 fly on 4:00, hard)

2 x (4 x 50 on :45) high RPM Pull-

I x 200 on 3:00 casual

Main Set/

4 x 200 on 9:00 minutes VO<sub>2</sub>max: 50 dive on 2:00

Going out 200 pace in control (26.8-27.5)

100 push on 3:00 mid 100 of 200m

(:59-1:00)50 dive on 2:00

bring it home best you can

2:00 extra rest Add up for 200 meters

Should be at your best time or goal time

300-200-100 with fins Recovery:

Total: 4,700 meters

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# Swimming World: What are your plans for makeing the Australian Olympic team?

Perkins: There's obviously going to be a lot of hard work. We have our Queensland State Titles in early January (where he finished second in both the 400 in 3:52.76 and the 800 in 8:00.87), and there will be two World Cup meets in Australia. However, since the World Cup meets are short course, they really don't figure too solidly in my plans. They're just an opportunity to race, more than anything. Really, it's just a lot of hard work. I have five or so months until the Olympic Trials (beginning May 13), and that's five months that I have to get myself into a position to try to make the team.

# SW: With the Olympics starting in September, isn't that a pretty tight time frame?

Perkins: Yes, but it's better than the Americans. They have only five weeks to train for the Olympics after their Trials. I think we have something like 16 weeks. It's probably not enough time to gain any real advantage, but it's enough to make sure that you can turn around and get back into peak form before the Games.

### SW: Where will you be training?

Perkins: I'll be staying in Brisbane in my own home progam. The Olympic team will be announced on the last day of the Trials. Usually, we go to a camp the next week just to familiarize everybody with the coaches and staff. After that, we have national event camps in which the distance swimmers get together, as well as the butterflyers, freestyle sprinters and so on. There's an opportunity to train with each other, too, and usually a couple of up-and-comers are allowed to train with the team so that they can gain a little bit of experience. Then there's the final camp in Melbourne for about three to four weeks before the Games.

### SW: What type of training will you do?

Perkins: The same training that I've always done...and will always do. We do a mixture of work revolving around aerobic work, right through to lactate tolerance and anaerobic threshold. We do a mixture of all of that throughout the week. There's no real basis for splitting up those work phases into different periods.

### SW: And, all the time, you're practicing race pace?

Perkins: Yes. That's part of the work that we do, and something we've always done. Really, the program hasn't changed since I was probably about II or I2, and I can't see that changing in the future either. It's something that works.

SW: Various swimmers training for the 1500 use different multiples. Some would use 100s, some 150s, some 300s, etc. Do you have any favorite way of breaking up your sets?

Perkins: We do them all.

### SW: And how do you vary the type of rest interval?

Perkins: The shortest interval we do is probably 1:15 base, right up to about 1:30, 1:40 base, depending on the work. Obviously, the longer the rest, the greater the effort or intensity. The shorter the rest, the more aerobic-type work it is.

# SW: Do you have any memory of any all-time best types of sets, and the times you did in those training sets?

Perkins: Obviously, some of the better ones that I have done would have been before the World Championships in '94 when I last set my world records. I guess the best were the heart rate sets: 100s on a 1:40 base. I did one in three hard, and my times varied between 57s and 54s for 12 100s. That was probably the best I've ever done.

## SW: And from this training, do you get a good idea of what you are going to be able to do in a straight 1500?

Perkins: Not really—nothing solid from the times themselves. I can personally get a feel for how fit I am, and how I feel my speed is going. But to say that doing 59s in a set means that I'm going to swim a particular time when I race—it doesn't really work like that. You know the times give you an indication, but it's more of an overall feel. I'm really not very good at guesstimating the times that I'll race. I just get in and do it.

# SW: What do you think about during a 1500? Pace, technique, strategy?

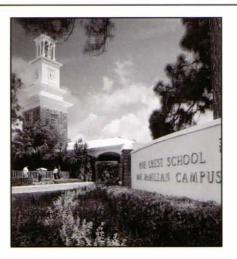
Perkins: Most of the race is habit, more than anything. There's nothing specifically that you think about too much. In a race situation, I don't think you really have time to be considering technique. Pace is obviously something that you work with a little bit, but I prefer intensity.

# SW: When is your next big 1500 race?

**Perkins:** The Olympic Trials (in May). In fact, that's probably going to be more important than the Olympics from my point of view.

# SW: How many 1500 races will you get in before the

Perkins: I will have the opportunity to race 1500s at the meets I mentioned earlier, but I'm lacking in all-around fitness at this stage. I think it is probably just as important for me to be training as much as possible because training takes a lot out of me now. I can't recover as quickly as I used to, and I can't afford to be taking a week here and there out of training just to



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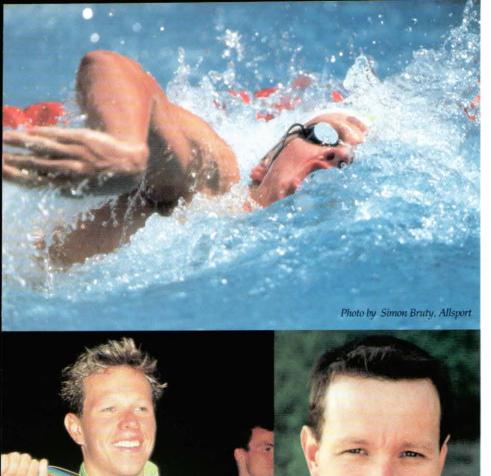


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SW: Do you have 1500 time trials in training?

**Perkins:** Oh yeah, we don't really do stand-up 1500s too much because it probably takes more out of you than you really need. We often do 400s up to 800s as actual stand-up race-type situations. I do 1500s in training, but not at race intensity.

SW: Do you ever feel tremendous fatigue in the 1500?

Perkins: Of course, but you don't think about it. You don't consider it. You do the job that you've got to do.

SW: How does it manifest itself? Do your lungs want to burst, do your arms and legs feel rubbery...or do you have no particular symptoms?

Perkins (laughing): All of the above! Some of the above! Anything goes!

SW: Could you tell me where it "hits" you—perhaps around the 1200, or is there any particular phase where you expect it?

**Perkins:** No. There have been races where it has hit me at the 200, and there have been races where it has not hit me at all. It's just one of those things you can't really predict.

SW: Do you feel somewhat disconcerted if it hits you at the 200?

Perkins (laughing): Well, I know that it is not going to be a pleasant race, but then again, there aren't too many 1500s that are ever pleasant.

SW: Do you ever feel you have to swim through "the wall" in order to get through "to the other side," where it will start to get a little easier?

Perkins: I've never experienced "the wall." That's something that people talk about, but I can say that there's never been a time in a race where I have all of a sudden gone numb, or the pain has just evaporated, or anything like that. It's just something that has never happened to me.

SW: Is there any stage of the race where you feel you are really hitting on all cylinders, and even though it hurts, you're enjoying it?

Perkins: Well, if you're a long way in front, you're always enjoying it, no matter how much it hurts. But the 1500 is my event—it's what I'm good at, and I do enjoy racing it. When I'm fit and swimming well, it is something that I enjoy.

SW: Watching 1500 swimmers, I start to get worried for the swimmers when they let a gap of, say, a body's length-and-a-half, open up between them and their rivals. Do you feel disconcerted when that sort of thing happents?

Perkins: Of course. In modern 1500 meters swimming, you can't let that happen. It's impossible. The athletes are too strong, and everybody is too fast.

SW: If someone is trying to close on you, do you watch him from under your arm as you breathe?

Perkins: Yes. However, I don't watch so much when I breathe, but I do check the gaps off the wall at the turns. That's the only time you can really do it without messing up your stroke or knocking off your rhythm.

SW: Why did you take up the 1500?

Perkins (without hesitation): Because I can't sprint! I'm serious. I can't sprint. I tell you what—if I thought I could sprint, I would do it, because training for the 100 is a helluva lot easier than training for the 1500, and you've only got to race two laps as opposed to 30!

SW: Do you count your strakes when you're racing?

Perkins: No.

SW: In training?

Perkins: Sometimes. It depends. Not often.

SW: Bo you know how many strokes you take in the 1500 when you're really in form?

Perkins: No. Not really. I know my stroke rates are around 45 or 46 if I'm swimming well, but I don't know the actual stroke count.

SW: I noticed that Grant Hackett was doing 35 strokes per lap in his Pan Pac-swim last August.

**Perkins:** That's less than I would be doing. At full speed in training, I've never gone less than 40.

SW: I saw a film of Murray Rose recently, given to me by Forbes Carlile, when Rose was swimming against Yamanaka in the 1956 Helbourne Olympics. I was amazed to see that he was doing 37 strokes per lap, and here's Hackett doing 35!

Perkins: But Hackett's stroke rate would be a lot faster. His speed through the water is obviously a lot faster. The difference in speed is the main thing. His stroke length really might be a little bit less, but the efficiency and the power of his stroke would be far greater than Murray's. Obviously, that's indicative in the time, and the fact that he's so much taller. I mean, I'm a good few inches taller than Murray, and Grant is a few inches taller than me.

SW: What are you doing in the way of developing muscular strength and power? Are you doing a lot of dryland training?

Perkins: I do some weight training, but it's not something that we really try to do too often. It's so important in distance swimming to stay as lean as you possibly can because if you have any extra bulk, you have to carry it over the race. I do some strength work, but it's not a major part of our program.

SW: Do you follow any particular dietary regime?

Perkins: Like all people, I try to keep the junk food down as much as possible but, outside of that, I think the best policy is moderation. We require a lot of carbohydrates and protein just to function with the amount of work that we do. I think that's something that has become more and more recognized within the sporting fraternity—the importance of protein. Everyone wants to eat carbohydrates, but getting a good amount of meat and other protein is also highly important.

SW: What do you intend to do when you retire from swimming?

Perkins: I have a sports management company that I've set up at home. To begin with, athlete management is what we're interested in, but we'll expand that over time into other areas. I'd also like to get involved in television. I worked a few years in TV early on, but I found I was enjoying it too much and needed to devote more time to the pool. It's definitely something I'd like to do after I retire because I enjoyed it very much.

SW: I won't ask the obvious question, but let me suggest that your race with Grant at the Australian Olympic Trials is going to be a very interesting one.

Perkins: Oh yes, the 1500 is going to be very interesting. We have a lot of talent in Australia in the 1500, yet there's only two spots on the Olympic team. I'm trying very hard not to make this too much of a two-horse race because there's always the chance that someone will bolt out of the blue. And if we're too busy concentrating on each other, someone might shock us both. I just need to get in there and swim a good race, get well under 15 minutes, and be on the team so that I can have that opportunity to swim in September.

Hall of Fame coach Cecil Colwin has been involved in competitive swimming for more than 50 years. He has long been known for his work on the technical aspects and history of swimming.

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May 28-June 2, Session 1 June 4-9, Session 2 June 11-16, Session 3 June 25-30, Session 4

Aggie Swim Camp Texas A & M University Athletics PO Box 30017 College Station, TX 77842-3017 409-845-3710 or 409-693-6761 Fax: 409-862-1036 E-mail: swimcamp@athletics.tamu.edu

E-mail: swimcamp@athletics.tamu.edu http://sports.tamu.edu/camps/swim/

The Aggie Swim Camp philosophy is "Individual Attention!" We send home with every camper a videotape with above and below water shots including voice-over analysis of the campers' strokes. We do one-on-one analysis and detailed stroke work with EVERY camper, EVERY day. Between head Texas A&M. coaches Mei Nash and Steve Bultman, we have a wealth of experience in coaching age-group to worldclass swimmers including Olympians, Pan-American and National Champions. The Texas A&M Natatorium is one of the fastest in the country. We are hosting the 2001 Men's NCAA's. Sixty-five records, including World and American records, were set here during the December 1998 World Cup and U.S. Open. Camp. features three water workouts each day-emphasizing training in the morning and videotaping/analysis/

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July 16-21

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Head Swimming Coach
Alfred University
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Alfred, NY 14802
607-871-2893
E-mail: davis@alfred.edu
www.alfred.edu/summer

The Alfred University Swim Camp is held on the beautiful, park-like University campus in the Finger Lakes region of New York State. This is a residential, one-week, coed program for swimmers aged 13-18. Campers live in University residence halls and eat meals at University dining halls. This camp is designed to enhance the technical aspects of stroke, training, and the strategies needed for each camper to compete at the top level of competitive swimming. Technical instructions, stretching and dryland training, training principles and stroke development are an integral part of the program. Additional, organized recreational activities will be included as well. Campers will take home written stroke analysis, individual videotapes and a camp T-shirt. Cost for the camp is \$375 including room and board. For further technical information, contact Coach Davis at the phone number or e-mail address above. To request a brochure, call The Alfred University Office of Summer Programs at 607-871-2612, or e-mail: Summerpro @alfred.edu.

### THE ARETE SWIM CAMP AT RUTGERS UNIVERSITY

June 18-23, Session I June 25-30, Session II

Kirsten Hinds, Camp Director The Arete Swim Camp 656 Bartholomew Rd. Piscataway, NJ 08854 732-714-8364 E-mail: areteswimcamp@aol.com Website: pagedepot.com/ARETEswimcamp

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June 3-8, June 17-22, June 24-29

Melissa Belote Ripley, Director Sparky Swim Camp PO Box 3132 Tempe, AZ 85280-3132 480-965-2870

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E-mail: ripperevents@juno.com

Arizona State University's coed swim camp is for all ability levels, ages 8 to 18. The coaching staff is led by Mike Chasson (Head Coach Men's and Women's Swimming), and Melissa Belote Ripley. 2-time Olympian, triple Gold Medalist and World Record Holder. Arizona State's assistant coaches will round out the staff. They bring to the camp a wealth of experience working with swimmers on all levels, beginners through Olympians. The camp focuses on the most up-to-date stroke techniques, drill instruction, and starts and turns. Also included are sessions in video analysis, nutrition and positive image building. ASU's outdoor facilities are some of the best in the nation, featuring a 3-pool complex with a 50-meter x 25-yard, 25-meter pool. Last year resident campers enjoyed extra curricular activities including a Diamondbacks Baseball game, trip to a local water park, cosmic bowling and other activities. There is 24-hour adult supervision for resident campers. Dates allow for Saturday stay over-(Saturday P.M. —Thursday). Cost: \$450 for resident campers (includes room/board and airport pickup/drop-off), \$275 for day campers. All campers receive a T-shirt and cap.

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### **BULLDOG SWIM CAMP**

June 3-7, Session I, Saturday-Wed. June 19-23, Session II, Monday-Friday June 25-29, Session III, Sunday-Thurs. Jack Bauerle University of Georgia Swimming PO Box 1472 Athens, GA 30603-1472 706-542-SWIM Fax: 706-542-2566

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E-mail: capitani@sports.uga.edu

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June 28-Aug. 16 (7 week session) June 28-July 22 (3-1/2 week sessions) July 23-Aug 16 (3-1/2 week sessions) Aug. 19-Sept 2 (2 week session)

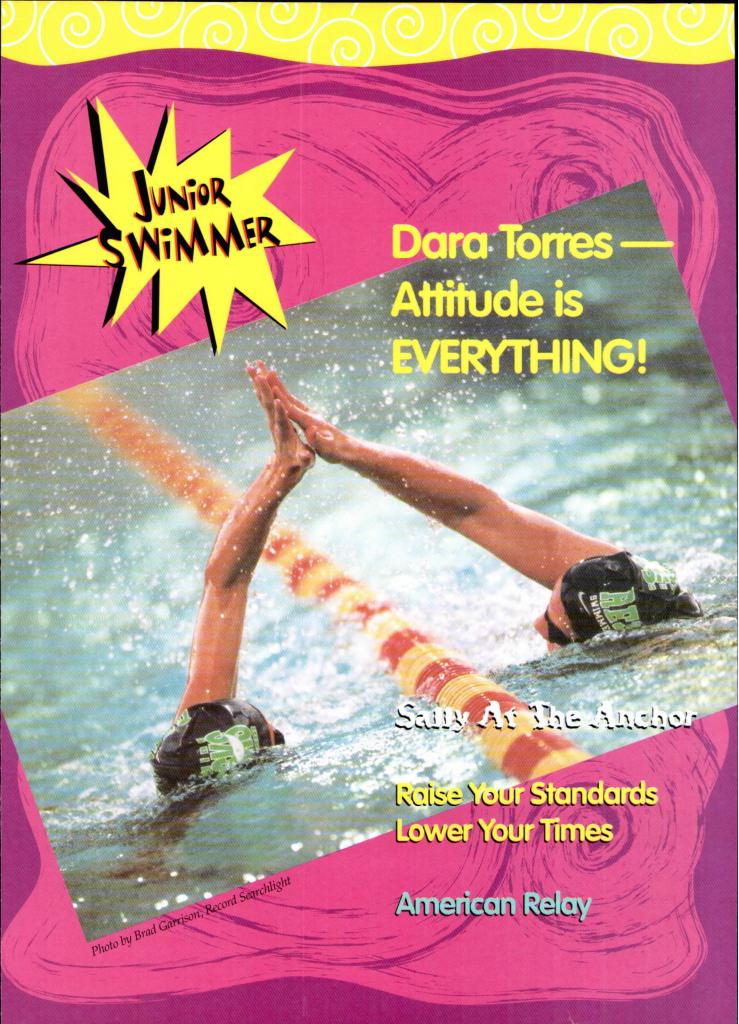
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June 28-Aug. 16 (7 week session) June 28-July 26 (4 week session) July 19-Aug. 16 (4 week session) Aug. 19-Sept. 2 (2 week session)



# TYR

# SWIMMERS OF THE MONTH

Jamie Martinez



Four years ago Jamie Martinez, then 6 years old, completed her third year as a cabana (summer league) swimmer and her first year in a year-round competitive program. Two years later, Jamie's aquatic success continued as she made the Pacific Swimming Top Ten times list in both short course and long course events.

Jamie's list of accomplishments continues to grow since turning 10. The De Anza-Cupertino Aquatics member competed in the Pacific Swimming 10-and-Under Short Course Championships, where she and a teammate tied for the girls' high-point award. Then, at the Pacific Swimming Age Group Long Course Championships, she entered all ten events in her age group. Jamie won six of them, finishing second in the other four, once again earning her a high-point award.

Her best meet, though, came at the end of July. At the Far Western Long Course Championships in Carson City, Nev., Jamie wanted to win just one event—the 100 meter butterfly. Not only did she win with a time of 1:12.74 (the second fastest time in the country last year), but she won all seven events she entered in her age group. She came away with the highpoint award and NAG rankings in the 50 meter breast (39.18, 7th), 200 IM (2:44.54, 8th), 50 fly (33.10, 11th), 100 free (1:07.62, 13th) and 200 free (2:26.74, 16th).

Jamie continues to work hard and concentrate on her long-term vision and goal—to someday be an Olympic champion.

At age 8, Doug Van Wie had a dream. He convinced Coach Franke Bell to let him swim on the Aquatic Team of Mecklenburg (ATOM) with his two older brothers, even though the minimum age was 9. He loved to swim butterfly, and he was excited because he was swimming with the same coach who coached his idol, Mel Stewart.

Since that time, Doug has worked very hard. His parents report that they have never had to insist that he go to practice. After seven years of swimming, that dedication is paying off. At the 1998 North Carolina Age Group Championships, just a few months past his 14th birthday, he took first place in every one of his eight events, capturing the high-point trophy.

Last spring, Doug broke the state record in the 500 yard freestyle with a 4:42.83 at the age group regional championships in Spartanburg. Before he aged-up in May, he earned a total of seven NAG rankings: third in the 100 yard free (47.98), seventh in the 200 free (1:44.96) and 200 back (1:54.96), 11th in the 500 yard free (4:42.80), 12th in the 200 IM (1:59.11), 14th in the 400 IM (4:12.07) and 15th in the 100 back (54.21).

Since turning 15, Doug has earned three junior national qualifying times at the Southeastern Zone Championships: 2:10.52 in the 200 meter fly, 2:13.53 in the 200 IM and 1:00.88 in the 100 back. He was also selected to participate in the National Select Camp in Colorado Springs, Colo., in November for his 200 fly performance.

e 15, Aquatic Team of Mecklenburg, arlotte, North Carolina



Candidates for "Age Group Swimmers of the Month" must compete within a nationally recognized age group. Please send a personality sketch and a color photograph or slide (a face shot, such as a school picture) of each nominee. Be sure to include name, address and phone number of person submitting the candidate. You can request a Swimming World Age Group Swimmer of the Month Profile form, which can be used as a guide to writing the nomination. The more information we receive, the more complete the story can be.

Send all information to Swimming World, Age Group Swimmers of the Month, P.O. Box 20337, Sedona, AZ 86341. If you want the picture returned, please enclose a self-addressed stamped envelope.

TYR Sport sends each Age Group Swimmer of the Month a package containing swimsuit, goggles and a T-shirt for the swimmer's coach.

# Sally at the Anchor

By Jeffrey Landis

(With apologies to "Casey at the Bat" by Ernest Lawrence Thayer)

The outlook wasn't brilliant for the Y swim team that day;
They were down by 12 with but two events and one more relay.
Then Kelly was outtouched, and Kathy's fate was the same,
The stands became deathly quiet, knowing only the 400 free relay still remained.

A few swimmers got discouraged and rose to depart,
The optimistic others kept a small hope deep in their heart.
For they knew a win was possible, but maybe only slim,
As long as Sally was the anchor and was the last to swim.

But Jenny was the lead-off, the second leg was Kate. The first was often injured and the latter was a flake. The third leg was Janie, who was more into romance. The crowd still was hopeful, if just Sally had a chance.

But Jenny went like a bullet and swam a time unknown;
And Kate followed likewise—she was in another zone.
And even Janie sped through the water, advancing with a blast.
As Sally's turn approached, it looked like they'd be fifth instead of last.

And then from the stands there rose an incredible roar, It rumbled through the bleachers and swelled out through the door. It deafened all the swimmers, no one could hear a speck, For Sally, mighty Sally, was preparing on the deck.

There was ease in Sally's manner as she proceeded to her place. There was pride in Sally's bearing and determination on her face. She waved to the fans, her face was without rancor; And no stranger in the crowd could doubt, 'twas Sally at the anchor.

Six hundred eyes were on her as she pulled her cap down tight, Three hundred voices cheered as she adjusted her goggles for the fight. The timers backed away as she stepped up to the block, For they knew Sally was now focused on the swimmers and the clock.

Janie was still kicking, though passed by two more lanes
And Sally stood by watching, sizing up the competition in her
Lanes One, Three, Four and Six eluded Janie's final burst
But Sally took off perfectly—Lane One she would catch first!

Now Sally's strokes were powerful, her kicks were unconstrained She caught Lane One before the turn, only three more now remained. She continued swiftly through the pool, her will was unbending; With 75 yards to go, Sally would bring home a happy ending.

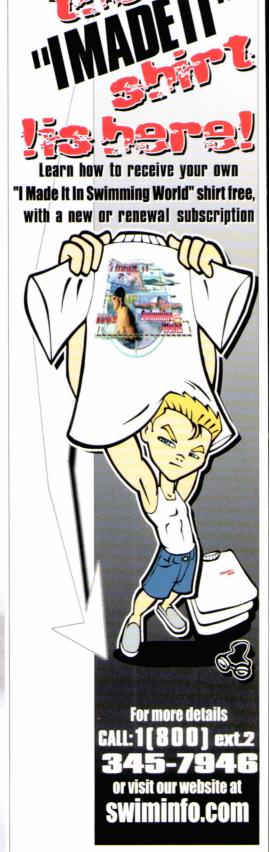
She was fast approaching Lane Four's feet; it was first place or bust,
And by the time they reached the wall, another bit the dust.
Only 50 more yards left, Lane Six was now in sight,
The natatorium stayed focused on each stroke—a left, then another right.

Swimmers and coaches now became aware of the probable result, Lane Six could not preserve her place, it was really not her fault. Now with but 25 yards, there was Sally and Lane Three, And everyone was holding their breath. Who would win the 400 free?

The crowd was all upon its feet, but one lane left to catch.
The cheering was at a level a rock concert could not match.
And as the two approached the end, it was way too close to call,
And then all eyes turned toward the clock; who would be the first to hit the wall?

Oh, somewhere in this favored land, the sun is shining bright;
The band is playing somewhere, and somewhere hearts are light.
And somewhere men are laughing, and somewhere kids are glad;
But there is no joy on the Y team—mighty Sally missed the pad.





# SPEEDO\* Sixteen-year-old Ethan Over the holidays, the Stanford

We want to share the latest news you have about outstanding swimmers on your team or your team's latest accomplishments.

Send your letter, press release or team newsletter to Swimming World, P.O. Box 20337, Sedona, AZ 86341; fax 520-284-2477.

Photos welcome!

Hansen and 14-year-old Arizona Alexander Lau led the way for the Flagstaff Snow Sharks as they traveled to Scottsdale to compete in the Scottsdale Invitational Jan. 21-23. Hansen was first in the 50 yard free, third in the 100 back and 200 IM, and fourth in the 200 back. Lau swam away with a first in the 200 fly, second in the 100 back, third in the 50 free and 200 back, and fourth in the 100 free. Also doing well for the Snow Sharks were Josh Manci, 17, who picked up a second in the 50 free, third in the 200 back and fifth in the 100 breast and 100 back; and Jeff Schmelzle, who claimed fourth in the 200 breast, seventh in the 200 IM and 100 fly, and eighth in the 100 breast.

Six members of the Terrapin Swim Club were named to the Pacific All-Star Pacific Pacific Team which competed in a quad meet in Federal Way, Wash. Hailey DeGolia (11-12), Lauren Rogers (11-12), Jackie Bradford (13-14), Gina Sulprizio (13-14), Mallory Schulver (13-14) and Allison Rowe (13-14) were chosen based on their performances at the Pacific Age Group Championships, which were held Dec. 10-12 in Pacifica. At the Championships, Mallory and Alison both earned their first junior national times in the 100 fly. Mallory finished first in 58.00 with Alison close behind in 58.19.

Covington Racing Aquatics team wanted to participate in a group community service activity in the Palo Alto area. They settled on a book drive to support the Gift of Reading Program. Each swimmer was asked to select one of his or her favorite books and donate it to the book drive. The team collected 502 books, which were donated to the San Mateo County Human Service Children's Fund. The books were given to needy children in the East Palo Alto area. The team is now planning on adopting a year-round community service project.



North Carolina Swimming banquet held Jan. 30: Top 12-and-under Female Swimmer: Sarah Proctor, MNA; Top 12-and-under Male Swimmer: Charlie Houchin, CY; Top 13-18 Female Swimmer: Meredith Green, NCAC; Top 13-18 Male Swimmer: Matt Sawatzki, NCAC. Green also received the Willis Casev Award. Woody Van Noordstran of CY was selected Age Group Coach of the Year. The recipient of the Franke Bell Award was Coach Pat Hogan of MAC. Patty Waldron was named Phillips 66 Volunteer of the Year. Kim Watson and Peter Carnev shared the Thomas J. Lynch Award. Peggy Scannell received special recognition for her efforts as Speedo Junior Championships meet director.



Stacie Olveda of the Water Wolves broke the 9-10 girls Sierra Nevada LSC record in the 100 yard back at the Sierra Nevada Championships in December. Her time of 1:07.52 also was a national reportable time.



Cincinnati Marlins participated in the team's annual Swim-A-Thon Dec. 17. Through the efforts of many swimmers, the team collected \$21,650.30. Besides all the laps the team put in, they enjoyed several activites, including group parties, Secret Santas and pie throwing. To top off the activities, the team enjoyed a sleep-over at their pool. The top three money achievers in each group received a gift certificate. Receiving awards were Katie Griener, Julie Waizenhofer, Vanessa Beary, Kevin Pater, Mike Pater, David Habel, Katelyn Ciul, Sara Robertson, Stephen Whipkey, Kara Habel, Nick Ciul, Christina Wernery, Kyra Graham, Ellen Habel, Clare Schroder, Nicole Dinsmore, Ally Maupin, Cameron Shafer, Hannah Krone and Raina Graham.

Members of the

The City of Plano Swimmers (COPS) finished first at the recent City of Richardson Winter Classic with 2,284.5 points. The host team came in second with 1,754 points, followed by Academy Texas Aquatic Champions with 1,602. COPS swimmers Alvssa Christian, Tori Whitehead, Kellyn Kuhlke and Amanda Benson set a new 10-and-under state record in the 200 yard medley relay with a time of 2:07.21. Event champions for COPS included Amanda Benson, Kyle

Burk, Jeffery Gettel, Mackenzie LeBlanc, Tommy Sacco, Kaelly Simpson and Tori Whitehead.

Fifty-one Fifty-one members of the Bellingham

Bay Swim Team traveled to Snohomish to compete in the third annual Stingray Pentathlon Jan. 29. The team earned 635 points to win the meet. They also took home 27 individual trophies. Snohomish Valley was second with 423 points, followed by Everett Parks Sharks with 268. Team records were set by 13-year-old Ashley Best (100 yard fly, 1:08.17; 100 free, 58.30) and 17-year-

old Gretchen Plank (100

back, 1:04.27).



In January's "American Relay," we mistakenly published a picture of Amanda Hartley of Team Weston Aquatics (who was mentioned in the Florida entry) with the caption for Colleen McReynolds of the Champaign County Aquachiefs. Colleen won four gold medals at the Illinois Long Course Championships and five golds at the Central Zone Championships, setting a zone record in the 1/2-mile open water swim. Here's what Colleen really looks like!



# Seven Habits of Highly Effective Swimmers



By Byron Davis

This is the seventh of seven articles featuring interviews with champions. Each article looks at different habits that have made these swimmers champions. Develop these habits, and you will be a champion, too! This month's champion is Dara Torres, who talks about "blue-sky thinking." Dara, 32, who swims for Santa Clara Swim Club (Calif.), is a three-time Olympian (1984-88-92) with two gold medals, one silver and one bronze (all relays). After a seven-year "retirement" from swimming, the former world and American record holder is trying to become the first American to swim in four Olympics.

# The Magnificent Seven

### 1. Focus

Tie your beliefs and actions together.

# 2. Persistence

Big things will happen when you do the little things right.

### 3. Faith

Where do you place your trust? Is your faith in the right place?

# 4. Discipline

Expect a payoff for delayed gratification.

### 5. Fun

Free yourself to swim fast.

### Confidence

Be willing to deliver your best when your best is needed.

# 7. Blue-sky Thinking

The more you expect from yourself, the greater you perform.

Background photo by Bill Collins

# Habit #7: Blue-sky Thinking

Byron: How important is believing in yourself?

Dara: I think it's one of the most important things that has helped me now that I'm back in the water (after a seven-year hiatus from swimming). If

you don't believe in yourself, why should anyone else believe in you? What affirmed my belief that I could accomplish some great things in this sport was talking to Richard Quick. When I talked to him on the phone about my desire to swim again, Richard believed that I could do it and told me so. That really solidified it for

me, and not once have I looked back or had negative thoughts of whether or not I can do it. I don't quite know where it comes from...it might be from my maturity. Bottom line: I believe you gotta believe in what you are doing and believe in yourself.

Byron: So, why did you stop?

Dara: I decided to stop because I wanted to pursue a career in broadcasting. I had an accomplished swimming career, and I was OK with starting a new career. I always thought

that my competitive nature would go away, but at times I saw it resurface. And over time, I really think it has gotten stronger.



Photo by Michael Aron

Byron: How important is attitude?

Dara: Attitude is everything. If you train with people who have bad attitudes, they

start to rub off...and the same goes for good attitudes. Attitudes are infectious. I try to stay positive, and when I'm having a bad day, I try to keep to myself. Attitude and belief go hand in hand. Your attitude feeds your belief!

Byron: What would you say is the biggest difference between "Dara, then" and "Dara, now" that accounts for your success?

Dara: Now, nothing is holding me back—no distractions and no limits. I have no conception about limits as to how fast I can go, and I'm dedicating my whole effort totally to swimming. I'm doing it for me and my love for the sport and nothing else.

# Byron: What keeps you motivated?

Dara: I am having fun and learning so many new things. It's important to enjoy what you are doing, and I love to train hard and have fun in this sport. When I was away from the sport, it just hit me that I truly missed the experience of training, competing and having fun in the water.

# Byron: Is your training any different?

Dara: My diet is different. I am doing the Barry Sears' Zone diet, and I like that. I work out one-on-one with a trainer in the weight room and have a program that complements what I'm doing in the water. And I do lots of technique work. When I was swimming before, we just swam lots of yardage. Now, I have to say I'm open to learning new and better ways to swim. I believe in my coaches and what I'm being taught. In order for something to work for you, you have

to "buy into it" and give it a chance. That's when you grow and make breakthroughs. It's not a big problem for me to change and try something new.

# Byron: What advice would you offer to young swimmers who are pursuing their own goals?

Dara: Make sure you continue to have fun. I mean, it's important to be competitive—I'm very competitive—but you have to enjoy what you are doing overall. Secondly, don't set limits on yourself. Thirdly, take workouts and preparation seriously. When I left the sport the first time, I was just going through the motions with the wrong attitude. You gotta work hard and have fun.



Swimming critics might scoff at the idea of a 32-year-old such as Dara making a comeback after seven years away from the sport. What I learned from Dara is that you have to disregard what others may think in order to have a strong belief in yourself and what you are doing.

If you have a dream or an ambition to do anything worthwhile, then you just have to do it. If you believe you can—or believe you can't—you are probably right. Choose to believe in yourself!

# Dara Torres

"Nothing is holding me back—no distractions and no limits. I have no conception about limits as to how fast I can go."

— Dara



Photo by Bill Collins



Photo by Bill Collins

# Raise Your Standards,

By Nick Baker, Director, Peak Performance Swim Camp

standard is a measure of quality—a quality you're willing to accept or not accept. What are your swimming standards? Find out by circling the letter that best describes your standard:

- 1. A. It's never OK to be late for practice, unless you have a really good reason.
  - B. It's OK to be late sometimes for practice, whether you have a really good
  - It's OK to be late anytime for practice, whether you have a really good reason or not.
- 2. A. It's never OK to go to the bathroom during practice, unless you really
  - B. It's OK to go to the bathroom sometimes during practice, whether you really have to or not.
  - C. It's OK to go to the bathroom anytime during practice, whether you really have to or not.
- 3. A. It's never OK to daydream during stroke technique work.
  - B. It's OK to daydream sometimes during stroke technique work.
  - C. It's OK to daydream anytime during stroke technique work.
- 4. A. It's never OK to miss practice, unless you have a really good reason.
  - B. It's OK to miss practice sometimes, whether you have a really good
  - C. It's OK to miss practice anytime, whether you have a really good reason or not.
- 5. A. It's never OK to do one-arm butterfly in a butterfly set.\*
  - B. It's OK to do one-arm butterfly sometimes in a butterfly set.
  - C. It's OK to do one-arm butterfly anytime in a butterfly set. \* The only time it's OK is if your coach told you that you could, or if you thought you were going to crash into somebody.
- 6. A. It's never OK to talk when the coach is talking.
  - B. It's OK to talk sometimes when the coach is talking.
  - C. It's OK to talk anytime when the coach is talking.

- 7. A. It's never OK to stay up really late the night before a meet, unless you have a really good reason.
  - B. It's OK to stay up really late sometimes the night before a meet, whether you have a really good reason or not.
- C. It's OK to stay up really late anytime the night before a meet, whether you have a really good reason or not.
- 8. A. It's never OK to "slack off" in practice."
  - B. It's OK to "slack off" sometimes in practice.
  - C. It's OK to "slack off" anytime in practice.
    - \* The only time it's OK is if your coach told you that you could.
- 9. A. It's never OK to float into the walls in practice.
  - B. It's OK to float into the walls sometimes in practice.
- C. It's OK to float into the walls anytime in practice.
- 10. A. It's never OK to "sneak" a breath during a breath-holding set.\*
  - B. It's OK to "sneak" a breath sometimes during a breath-holding set.
  - It's OK to "sneak" a breath anytime during a breath-holding set.
    - \* The only time it would be OK is if you felt like you were going to explode!

Now add up the number of A's you circled, and "check out" the STANDARDS SCOREBOARD below.

# STANDARDS SCOREBOARD\*

- Very high swimming standards High swimming standards Medium swimming standards Low swimming standards Very low swimming standards

If you're not happy with your score, you can always improve.



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### **COMPETITIVE SWIM CAMP AT USD**

June 18-23, July 9-14, Competitive Swimming June 25-30, Masters Stroke Technique July 2-7, Masters Conditioning June 25-30, Triathlon Camp

University of San Diego 5998 Alcala Park San Diego, CA 92110 619-260-4593 E-mail: sportscamps@acusd.edu http://camps.acusd.edu

Competitive Swimmers: Spend a week in beautiful San Diego at the private University of San Diego with Head Coach Mike Keeler, formerly from Purdue University. Coach Keeler is involved in all coaching and training sessions. Camp includes two daily pool sessions with an emphasis on stroke and skill development. The schedule will include personalized videotape analysis with optional take home video, individualized stroke drills, starts, turns, strength training and range-of-motion exercises. Extracurricular activities include snorkeling, body surfing, rough water swimming in La Jolla Cove and more. Age Group Camp (boys and girls ages 9-17) \$460 for residents, \$360 day, Masters Swim Camp: This Camp

will focus on training needs of adult swimmers involved in fitness, masters competition or triathlons. Camp includes two daily pool sessions, personalized videotape analysis with optional take home video, stroke drills, strength and range-of-motion exercises, along with rough water swimming techniques. On campus room and board, \$510 for residents and \$410 for day program. Triathlon Camp: \$510 resident, \$410 day.

# CURTIS MYDEN FASTRAK HIGH PERFORMANCE SWIM CAMP

July 1-5, 2000

Lindsay Park Sports Centre attn: Robert Bunka 2225 Macleod Trail S.W. Calgary, Alberta CANADA T2G 5B6 403-233-8393 ext. 151

Fax: 403-262-1001

E-mail: rbunka@lindsaypark.com

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### **DAVIDSON SWIMMING CAMP**

June 4-9, June 11-16, June 18-23

Rich DeSelm, Director Brian Brown, Assistant Director P.O. Box 118 Davidson, NC 28036-0118 704-892-2812/2811

Fax: 704-892-2556/2636

E-mail: rideselm@davidson.edu brbrown@davidson.edu www.davidson.edu/administrative/ athletic/menvars/camps/swcamp.html

The Davidson Swimming Camp offers a variety of learning and training experiences for girls and boys ages 8-18. Overnight and day-camp sessions will be held at Cannon Pool on the beautiful campus of Davidson College, 20 miles north of Charlotte, NC. An excellent staff of college coaches and counselors will instruct and supervise campers 24-hours per day. Campers will live in air-conditioned dorms and eat meals at the college dining hall. Morning and afternoon training sessions will offer four groups, depending on ability, and will include: stroke technique development, videotaping and challenging and creative water workouts. An advanced training program will be available to those who qualify. Counselors will organize activities each evening. Enrollment will be limited to 48 campers per session. Discounts available for multiple weeks or additional family members. Option to remain on campus for two consecutive sessions. Please write, call or e-mail for a brochure and application. Browse our website to the men's swimming homepage for our camp link.

# FALCON COMPETITIVE SWIMMING/DIVING CAMPS

June 12-16, June 19-23

United States Air Force Academy Athletic Ticket Office USAFA, CO 80840-5426 800-666-USAF

The Falcon Competitive Swimming/Diving Camps are offered as part of the 2000 Falcon Sports Camps held every year at the US Air Force Academy. The swimming camp is directed by K.C. Converse, the men's head coach, and Rob Clayton, the women's head coach. In addition, they bring in some of the top high school and college coaches to work the camps. The camp format includes stroke technique and analysis, as well as, workout programs appropriate to the level of each athlete. The diving camp is directed by the US Air Force Academy's head diving coach, Stan Curnow. The camp is aimed at young talented divers reaching for new levels of performance. Overnight boarders will stay in the cadet dormitories, eat in the cadet dining hall and participate in supervised night recreation. Transportation from the Colorado Springs Airport (not Denver) is provided to those campers flying in. Facilities include a 50-meter indoor pool, 1 and 3 meter Durafirm springboards. and a 5-meter and 10-meter diving platform. For general information on all of the Falcon Sports Camps call 719-333-2116. To register for camp, please call 800-666-USAF after February 15, 2000.

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# FLORIDA STATE UNIVERSITY SWIM CAMP

June 4-9, June 11-16 FSU Swimming Michelle Gacio Moore Athletic Center P.O. Box 2195 Tallahassee, FL 32316 850-644-1891

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dormitories with onsite cafeteria. Local USS Meet,
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miles from Orlando and Disney for a family vacation!
Resident camper, \$385, commuter camper, \$295.

### FLORIDA GATOR SWIM CAMP

June 10-July 6, Elite I June 10-July 29, Elite II June 10-15, Session I June 15-17, Fly & Back Camp June 17-22, Session II June 24-29, Session III June 29-July 1, Free & Breast Camp July 1-6, Session IV

Anthony Nesty, Director P.O. Box 14485 Gainesville, FL 32604 352-375-4683, ext. 4532 http://www.uaa.ufl.edu

University of Florida's co-ed swim camp is for all ability levels, ages 8-18. Coaching staff includes Gator Head Coach Gregg Troy (three-time Olympic Coach), Anthony Nesty (1988 Olympic Champion and 1991 World Champion), Martyn Wilby (British National Team Member 1982-86 and Malaysian National Team Coach), Brian Schrader (former United States National Team Coordinator) and Martin Zubero (World Record Holder and Olympic Gold Medalist). Camp includes comprehensive training in all aspects of competitive swimming and will include dryland routines used by Olympic, World and National Champions. Camp includes two training sessions per day on stroke mechanics, starts, turns and conditioning. Videotape analysis and guest speakers on physical and mental training are all included in the weekly camps. The camp is held at the University of Florida's beautiful Stephen C. O'Connell Center.

Facilities include two 25-yard pools and an outdoor 50-meter pool. Air-conditioned dorm rooms and fun activities are held each night. Coach to swimmer ratio of one to five and spaces are limited. Group discounts are available. Cost: Elite Camps: Session I, \$1800. Session I & II, \$2000. (Dorms and meals are not available from July 6-29). Weekly Camps: \$500. resident, \$375. day. Stroke Camps: \$250. resident, \$150, day. in conjunction with a weekly camp, \$175, resident and \$75, day. See ad on page 41 in this issue of Swimming World.

### **FLUID MECHANICS SWIM CAMPS**

June 21-25, James Madison U in VA June 29-July 5, East Stroudsburg U in PA July 5-9, Wheaton College in MA July 11-15, St. Andrews School in DE

P.O. Box 343 Middletown, NJ 07748-0343 800-266-5179 E-Mail: swim@fluidmechanics.net www.fluidmechanics.net

The focus of Fluid Mechanics Swim Camps is the development of each swimmer's mind, body, and spirit. Each swimmer is encouraged to set personal goals and taught how to achieve them. Through Cataloging, our revolutionary method of teaching, our Consultants break down each stroke, start and turn into its finest components and show swimmers the best way to execute them. In addition, swimmers learn the common denominators of all strokes such as. Acceleration, High Elbow and Sprinting, through our Hydro-Dynamics programs. The Consultants analyze individual strokes and make personal recommendations. Practice sessions combine sprint and endurance training and are tailored to accommodate each swimmer's specific training needs. Dryland and strength training, injury prevention and Christopher Andersonn's Mental Visualization seminars are featured. Each swimmer is videotaped above and below surface with marine life cameras. Swimmers leave camp with the knowledge and confidence to set new goals and work towards achieving them. A choice of 1, 5 or 7 day formats is available. Campers receive a personalized videotape, T-shirt, cap, and goody bag. Recommended for swimmers 8 and older, \$589 for 5 days, and \$769 for 7 day Traditional Packages.

GEORGIA TECH SWIM CAMP Home of the 1996 Summer Olympic Games

May 6, Stroke Clinic #1 June 3, Stroke Clinic #2 June 12-16, Weekly Session #1 June 19-23, Weekly Session #2 Seth R. Baron Georgia Tech Swim Camp 150 Bobby Dodd Way, NW Atlanta, GA 30332-0455 404-894-1734/404-385-0521 Fax: 404-894-8863

E-mail: seth.baron@gtaa.gatech.edu

The Georgia Tech Swim Camp is focused on improving all aspects of competitive swimmers from the ages of 10-18. Our objectives are to create a positive and enjoyable learning environment for the swimmers while increasing their awareness of the sport. The camp will focus on many areas of competitive swimming, from physical conditioning. stroke work and videotaping, as well as goal setting and team relationships. The Georgia Tech Swim Camp takes its direction from Seth Baron, Head Swim Coach at Georgia Tech. Coach Baron and his staff will work. both in and out of the water with each swimmer in providing new, innovative and fun ideas to improve their swimming enjoyment. The weekly camp sessions include three-time Olympic Gold Medalist Rowdy Gaines and Olympic Gold Medalist Geoff Gabarino. Come join the fun of the Georgia Tech Swim Camp and experience a wonderful opportunity to train in the Georgia Tech Aquatic Center, home of the 1996 Summer Olympic Games. Train Where Olympic Champions Were Born. Fees for weekly camp sessions are \$475 for resident campers and \$375 for day campers. Fees for one-day Stroke Clinics are \$75.

# HAMILTON COLLEGE COMPETITIVE SWIM CAMP AND COMPETITIVE DIVING CAMP

Swim Camp June 25-30, July 2-7, July 9-14 Three one-week sessions. One session per camper.

Diving Camp July 16-21. One week session.

Dave Thompson Hamilton College Swimming/Diving Clinton, NY 13323 315-859-4752

Ages 10-17. The philosophy of the Hamilton College Swim Camp and Competitive Diving Camp is to improve the fundamental skills of competitive swimmers and divers. The teaching includes three water and one dryland sessions per day. Each session includes individual analysis, videotaping, nutritional review, introduction to dryland and Nautilus training, stretching, evening activities and special events. Swim camp sessions will be limited to a maximum of 50 participants in order to provide the maximum benefit to each swimmer. Diving camp is limited to 20

participants. The ratio of staff to participants is better than 1-5 for both camps. Cost is \$440 per week, includes room/board, videotaping and T-shirt.

# HARTWICK COLLEGE COMPETITIVE SWIMMING AND DIVING CAMPS

July 2-7, Sprint/distance Swim Camp Competitive Diving Camp July 9-15, Stroke Technique Camp July 16-22, Stroke Technique Camp

Dale Rothenberger, Director Hartwick College Oneonta, NY 13820 607-431-4700

E-mail: RothenbergerD@hartwick.edu www.hartwick.edu/athl/athletic.html

An extensive program for ages 8-18 (coeducational) emphasizing improvement in the fundamental skills of competitive swimmers and divers. Excellent facilities and round-the-clock supervision. Morning, afternoon and evening sessions will balance time spent with "water" and "dry-land" training. Aboveand under-water filming and analysis. Lectures on nutrition, mental preparation, strength training, etc. Sprint/distance camp emphasizes conditioning and proper training of the major energy systems. Diving camp concentrates on technical improvement on 1and 3-meter springboard diving. Stroke camp enables competitive swimmers to develop skills and techniques in starts, turns, IM, and competitive strokes. Special program for two-week campers available. Director Dale Rothenberger, Hartwick swimming and diving coach, will be joined by a staff of highly experienced coaches, counselors and quest clinicians (1:6 staff/camper ratio). Enrollment limit guarantees individual attention and frequent feedback. Resident camp fee: \$425 per week; commuter fee: \$325 per week. Write or call for brochure/application.

# HAWAII SWIM CAMPS AGE GROUP AND MASTERS

June 11-16, June 18-23, June 25-30 Resident Camps June 12-16, June 19-23, June 26-30 Day Camps Half-day a.m. Camp, Whole-day Camp, Resident Camp, Masters Camp (week 2 only)

Dr. Sam Freas University of Hawaii 1337 Lower Campus Rd. Honolulu, Hi 96822 808-956-5377 Fax: 808-956-9943

# E-mail: sfreas@hawaii.edu http://uhathletics.hawaii.edu/Swim/ camp.html

Swim, surf and snorkel in the blue Pacific while training at the University of Hawaii's Duke Kahanamoku Aquatic Complex. This ultimate experience in complete competitive swimming instruction and training includes stroke technique, starts, turns, dryland, weights, flexibility, reaction drills, etc. and an intro to mental training necessary for the competitive edge. Expert instruction and supervision with low swimmer/coach ratio. Resident cost is \$525/session with multi-session discounts and includes room, board, transportation to and from airport, coaching, supervision and camp souvenir. Campus dorms overlook Diamond Head and Waikiki. Hawaii camps are designed to provide personalized information and instruction necessary for becoming a more successful competitive athlete. This ultimate experience in swim camps is quite unique, and you're sure to have fun!

### **HUSKER SWIM CAMP**

June 4-16,Training Camp (training and skills) 2 week session June 4-9, Session I, June 11-16, Session II, Skills Camps (strokes, starts and turns) 1 week sessions

University of Nebraska Bob Devaney Sports Center Lincoln, NE 68588-0653 402-472-3186

Fax: 402-472-9449

E-mail: dstreeks@huskers.unl.edu

Train at the University of Nebraska with the outstanding Husker coaching staff under the direction of Head Coach Cal Bentz. The Huskers have won 24 Conference Titles and in 1997 and 1998 have won the first two Big 12 Conference Women's Titles. The Husker Swim Camp offers two formats. (1) A two week Training Camp featuring intensive training, dryland, as well as, stroke, start and turn skill work. (2) Two fiveday Skills Camps including intensive skill work on all strokes, starts and turns, lectures and video reviews. Please call, e-mail, fax or write for information. Rates will be discounted if purchased before March 1, 2000. Full campus living and tours of campus points of interest. Husker Swim Camps provide low swimmerto-staff ratio. Included will be information on race strategy, nutrition, and video review of World-Class swimmers. Personal video tape analysis, for an extra charge, is also available. (You keep the tape.)

swiminfo.com

# UNIVERSITY OF ILLINOIS FIGHTING ILLINI COED SWIM CAMP

Weekend Instructional Camp June 9-11, Session I June 23-25, Session II Instructional/Training Camp June 12-16, Session I June 18-22, Session II June 26-30, Session III

1700 S. Fourth St. Champaign, IL 61820 Fax: 217-244-9762 E-mail: je-lutz@uiuc.edu http://www.fightingillini.com

The University of Illinois' Fighting Illini Coed Swim Camps are coached and directed by Illinois Varsity Head Coach Jim Lutz. The Weekend Instructional Camp is for swimmers ages 8-18 who want an emphasis on proper strokes and fundamentals. Each session will concentrate on one of the four competitive strokes, starts and turns. A camp meet will take place on Sunday afternoon prior to dismissal. Cost: \$150 resident, \$125 commuter. The Instructional/Training Camp is two-fold, Morning and afternoon instructional sessions consist of daily lectures, video analysis and instruction. The evening training session provides an environment conducive for excellence and improvement. The campers will participate in dryland training and planned evening activities as well as "meets" each night. Cost: \$425, resident, \$325 commuter. Campers live and dine in air-conditioned residence halls with 24-hour supervision. All camps have an 8:1 ratio. Facility: indoor 50-meter x 25-yard; outdoor six-lane 50-meter.

### **INDIANA SWIMMING ANALYSIS CAMP**

June 4-9, June 11-16, June 18-23, June 25-30

6000 N. Maple Grove Rd. Bloomington, IN 47404 812-855-7102 Fax: 812-856-4537 E-mail: gearhart@indiana.edu www.earhart.net/camp

Indiana University Head Men's Swimming Coach, Kris Kirchner and Head Women's Coach, Dorsey Tierney bring you the Indiana Swimming Analysis Camp. The camp is held on the Indiana University campus in Bloomington, Indiana. The pool utilized is the new Counsilman-Billingsley Aquatic Center which is a world class indoor 50-meter by 25-yard swimming and diving facility. Swimmers and staff are housed in air-conditioned dormitories located close to the pool. Campers are supervised 24-hours

a day. Emphasis of the camp is skill improvement. Each swimmer will be videotaped daily and their strokes, starts and turns are analyzed. Each swimmer will receive a stroke analysis critique booklet and an underwater video of their four strokes. The swimmer/staff ratio is 10/1. Cost is \$450 per session. (Early and family discounts available). See ad on page 42 in this issue of Swimming World.

### **ITHACA COLLEGE SWIMMING CAMPS**

June 25-30, July 2-7, July 9-14 Office of Conference and Event Services 201 Egbert Hall, Ithaca College Ithaca, NY 14850-7071 607-274-3313

E-mail: mbrubaker@ithaca.edu

Intense, but fun swim camps for male and female competitive swimmers ages 10 to 18. Directed by Kevin Markwardt, head swim coach at Ithaca College. We offer three one-week camps which enable accomplished swimmers to further develop their swimming skills and techniques with concentration on starts, turns and all four strokes. Extensive above and underwater videotaping for one-on-one stroke help and review as well as dryland workouts, sports psychology, nutrition and diet discussions. \$415 per week: residential only. Six-lane. 25-yard indoor pool and outdoor pool. Live-in coaches and counselors. Fee includes all-you-can eat meals, double-occupancy housing, and a camp T-shirt.

# IVY SWIM CAMP LOCATED AT DARTMOUTH COLLEGE

June 18-22 (age group camp)

Jim Wilson, Director Ivy Swim Camp 13 Dunster Drive Hanover, NH 03755 603-646-3433

E-mail: jim.wilson@dartmouth.edu

The Ivy Swim Camp is located on the campus of beautiful Dartmouth College in Hanover, New Hampshire. The Ivy Swim Camp for boys and girls, ages 10-18, focuses on stroke technique, stretching and dryland training, starts and turns, sports psychology, training principles and race preparation. Camp staff includes Jim Wilson, Dartmouth Men's Coach and Joann Brislin, Dartmouth Women's Coach, coaches from the New England area and current and past members of the Dartmouth swimming teams. Campers will take home written stroke analysis, individual videotapes and a camp T-shirt. Cost for the age group camp is \$440 for the week including room and board; \$225 for day campers. Space is limited. Write or call to have a brochure sent to you.

### **JACK NELSON SWIM CAMP**

June 11-July 22

Duffy Dillon, Camp Director Jack Nelson, Founder International Swimming Hall of Fame 503 Seabreeze Blvd. Fort Lauderdale, FL 33316 Toll free: 888-796-3578 (swmflst) 954-764-4822

FAX: 954-764-5219 E-mail: info@flst.com http://www.flst.com

Our camp motto says it best. "Access to Success is Thru the Mind." Learn to swim and think like a the eleven-time national champions of USA Swimming. The JNSC is located on beautiful Fort. Lauderdale Beach at the International Swimming Hall of Fame with two Olympic size, 50-meter pools. We offer the best in positive strokes and thinking because of our staff (Olympic Head Coach, Jack Nelson and Duffy Dillon who have over 100 years of combined staff experience), our facilities (10 long course and 20 short course lanes), and our accommodations (beach cafeterias). Our lady and gentlemen campers work side-by-side with the FLST National Champions. The camp features daily stroke sessions, long and short course training, a comprehensive dry-land session. and a classroom talk covering motivation, race strategy, and nutrition. There is a social activity each day including one full-day trip every other week at an additional cost. Airport service provided. Camps for boys and girls 10 to 18. An elite program for swimmers with Junior Championship Cuts is available. A two-week minimum is recommended to experience the full camp program. Camp is limited to the first 60 applicants for each session. \$695 per week for boarding, \$395 per week day campers. Discounts for multi-week campers.

### **LEHIGH UNIVERSITY SWIM CAMP**

June 17-22, June 24-29, July 8-13

Chris Marshall 641 Taylor Street Bethlehem, PA 18015-3186 610-758-4309

E-mail: cvm0@lehigh.edu www.lehigh.edu/~inswim/inswim.htm

Experience new levels of swimming success at the Lehigh University Camp. Join 7-time Patriot League Coach of the Year, Chris Marshall and his experienced staff for six days of cutting edge swimming and fun. The camp focuses on improving stroke techniques,

race strategies, nutrition, goal setting and advanced training skills. The LU camp is for swimmers ages 9-17. Participants must know how to swim all four competitive strokes. Typical daily schedule includes morning workouts, two daily technique sessions emphasizing the latest stroke drills and techniques efficiencies and force application governing swimming. The day continues with videotaping analysis, lectures and motivational activities. Special evening sessions dedicated to starts and turns will cover all four strokes. Each day culminates in team activities. Campers will be supervised 24-hours per day by coaches and counselors. Highlights: BBQ, movies, talent show. The Lehigh University Swim Camp is designed to teach advanced competitive swimming techniques. Costs: \$375/residential camper (includes all meals), \$325/commuter camper 9 a.m.-9 p.m. (includes lunch and dinner only).

### **LONGHORN SWIM CAMP**

May 28-June 30, (five one-week sessions)

Jon Alter, Director 324 Bellmont Hall University of Texas Austin, TX 78712-1286 512-475-8652

Fax: 512-475-8739 E-mail: longhornswimcamp@

athletics.utexas.edu www.TexasSports.com

Now in it's 23rd year, the Longhorn Swim Camp is headed by three-time (1988, '92, '96). Olympic coach and U.T. Men's Swim Coach Eddie Reese, and fourtime Olympian (1976, '80, '84, '88) and U.T. Women's Swim Coach Jill Sterkel, Josh Davis, 1996 Olympic. triple gold medalist, will also be coaching. Camp is held at the Jamail Swim Center on the University of Texas at Austin campus for boys and girls, ages 8 and up. The swim center includes a 50-meter by 25-yard pool, and a 25-yard by 25-meter pool. There are four training groups based on age and ability, with a 1-5 coach to swimmer ratio in stroke technique sessions. Training includes long course sessions Monday-Friday mornings, stroke sessions Sunday evening, and Monday-Thursday afternoon and evenings. Classroom sessions on nutrition, race strategies, and mental preparation are also held. Videotaping of each camper analyzed by a coach. Daily social activities and field trips offered. Multiple week stays include weekend planned activities with supervision. An Elite training camp is available for qualified swimmers. 24hour supervision is provided by experienced and mature adults. All campers receive camp T-shirt. Cost: \$375 per session for day campers which includes coaching, supervision, lunch and dinner. \$450 per session for resident campers which includes coaching, supervision, room and board and airport

transportation if needed. For more information please write or call Jon Alter, Director. See ad on page 42 in this issue of *Swimming World*.

### MALIBU COMPETITIVE SWIM CAMP 2000

June 24-28, July 15-19, July 22-26

Malibu Competitive Swim Camp 26816 Cold Springs Street Agoura Hills, CA 91301 818-878-1876

Once again, led by on-deck coaching staff of Pepperdine Head Swim Coach Tim Elson, and Cal State Northridge Head Coach Barry Schreifels. The camp utilizes a time-tested formula of combining learning. fun and training. The camp is conducted on the beautiful campus of Pepperdine University in Malibu, overlooking the Pacific Ocean. The camp residents will be housed in the university dormitories and receive meals in the campus dining hall. Other camp features include, beach day, talent show, video tape analysis, 50-meter training in Raleigh Runnels Memorial pool, site of the 1984 Olympic Water Polo competition. The Camp this year is sponsored by Finis, and every camper will receive a free pair of the revolutionary Finis Freestyler hand paddles, invented by Coach Elson. Cost is \$500 for resident, \$425 for day. See ad on page 43 in this issue of Swimming World.

## MISSION VIEJO NADADORES ANNUAL SWIM CAMP

June 10-July 14

The Mission Viejo Nadadores c/o Swim Camp P.O. Box 2000 B-175 Mission Viejo, CA 92690 949-380-2552 Fax: 949-830-2011

- ...

E-mail: mvnswm@ix.netcom.com

"Become a part of our Swimming Tradition!" The Mission Viejo Nadadores Board of Directors, Staff, swimmers and parents are proud to present the fourth annual Nadadores Swim Camp. The camp staff includes Bill Rose, 1999 World University Games Head Womens National Team Coach. All campers will receive a camp T-shirt and cap. Resident campers will be housed with a Nadadore Family with three well balanced meals provided daily. Special features in this year's camp include: 1999 United States National Champion, Summer Nationals' Swimmer of the Meet, and American Record Holder in the 400m freestyle, Chad Carvin; professional underwater videotaping, guest speakers on stroke technique and strength training; as well as a comprehensive camp program

emphasizing stroke efficiency; and a sound training regiment. Camp cost is \$250 for day campers, \$400 for resident campers. Space is limited to ensure the smallest coach-to-swimmer ratio!!

# 2000 NAVY SWIMMING CAMPS

June 12-16, Session I, Training Camp June 19-23, Session II, Training Camp June 11-16, Session I, Stroke Camp June 18-23, Session II, Stroke Camp

U.S. Naval Academy Annapolis, MD 21402 410-293-5834

Fax: 410-293-3811

E-mail: wmrobert@gwmail.usna.edu

The third year for NAVY competitive swimming camps will be held at the historic U.S. Naval Academy in Annapolis, MD. All pool sessions will be held in the 50m pool at Lejeune Hall. The competitive training camp (commuter only) will comprise of two one-week sessions/one session per day. All training will be long course and will follow USS training guidelines. Each session will begin with a brief lecture, then dryland. Enrollment includes a free T-shirt and is limited to 100 people per session. Stroke camp will cover one stroke per day including starts and turns. The purpose of the camp is to improve stroke mechanics and efficiency. Training will occur in each session. In addition, extra training sessions will be available for in-season campers. Stroke Camp is for residential and commuter swimmers. Camper satisfaction and safety is a primary objective. Therefore, camp enrollment is limited to 100 people to provide maximum focus on individual improvement. The camp staff will include several NCAA and USS coaches who will provide around the clock instruction and supervision. Each camper will receive a camp T-shirt and a video of each of their strokes. Tuition: training camp, \$95 (\$85 prior to May 1); stroke camp, \$450 (\$400 prior to May 1); Commuter \$350 (\$300 prior to May 1). Camp brochures will be available in early January. Call now to get put on the mailing list for Navy Swimming Camps and Navy Diving Camp!

## **NIKE SWIM CAMPS**

June through August

919 Sir Francis Drake Blvd. Kentfield, CA 94904 800-NIKE CAMP (800-645-3226) Fax: 415-459-1453

http://www.esportscamps.com

The NIKE Swim Camps are proud to announce an outstanding opportunity for any swimmer who wants to make a commitment toward improving their skills.

You can choose from twenty-three fabulous locations throughout the United States. The NIKE Swim Camps are directed by some of the most respected collegiate coaches in the country, who take every step possible to accelerate your love for swimming-in a way that's both enjoyable and educational. You will come home with experiences and knowledge that improves the quality of your swimming and your life. At every camp, you train all day, work hard, improve and have fun. You refine and develop new techniques and achieve a new level of self-confidence. Every facet of the sport is covered, including individual stroke analysis, dry land instruction, starts and turns and nutrition. Camps include low camper to instructor ratios, written skills evaluations, NIKE Camp T-shirt. NIKE Swim Camp Cap, NIKE Yearbook, motivationalvisualization sessions, multilevel ability grouping, and fun evening activities. Camps are located in CA, HI, WA, OR, UT, CO, OH, PA, NH, NY, MN, MD, TX, NC. WI, IL, IN, NJ, GA, and FL. Cost: Resident, \$395-\$500. Commuter \$295-\$395. Call or check the web for a free brochure! See ad on page 21 in this issue of Swimming World.

# NORTH CAROLINA SWIMMING CAMP

June 10-15, June 26-July 1 June 16-18, June 23-25 (Weekends)

Randy Erlenbach and Kari Haag-Woodall, Camp Directors 3514 Hawk Ridge Rd. Chapel Hill, NC 27516 919-933-4905

E-mail: reswim@uncaa.unc.edu

Fax: 919-933-4546

Experience North Carolina Swimming Camp at the beautiful University of North Carolina-Chapel Hill. Overnight and day sessions available for swimmers ages 9-18. Practices held at the indoor Olympic size Koury Natatorium. Our diverse and experienced staff includes Kari Haag-Woodall, NCAA swimming standout and member of the 1999 U.S. Pan Pacific Team, as well as other collegiate coaches and swimmers. Campers live and eat in University dorms and dining halls. Swimmers have two practices daily and are placed into groups based on age and ability. Elite training is available. Camp focuses: stroke technique instruction with film review, dryland sessions, mental strategy and relaxation techniques. sports medicine and nutrition and academic awareness issues. Sessions limited to 90. Cost: Overnight: \$480/week; \$250/weekend; Day Camp: \$355 per week. Discounts available for multiple family members or multiple sessions. For a North Carolina Camp brochure, contact Randy Erlenbach (see above).

### NC STATE WOLFPACK SWIM CAMPS

June 16-17, Start and Turn Clinic June 12-15, June 19-22, Day Camp June 25-30, Resident Camp

Maureen Blandford, Camp Coordinator 1155 Loop Rd. Clayton, NC 27520 919-553-0209 E-mail: TCB976@msn.com www.geocities.com/~wolfpack\_camp

Head Coach Scott Hammond's Wolfpack Swim Camp is designed to offer your child a well-balanced program of stroke technique, training and dryland experiences to assist a full range of competitive swimmers in a fun-filled atmosphere. The Start & Turn Clinic has been designed to offer the swimmer an opportunity to have one-on-one critique and demonstration of proper techniques. The day camp is open to intermediate or advanced swimmers from age 7 to seniors in high school. The resident camps are for swimmers ranging from age 10 to seniors in high school. Daily camp activities will include long course conditioning (for advanced swimmers who need to return home in shape), short course work with emphasis on stroke mechanics, starts and turns. discussions and motivational talks, indoor and outdoor dryland, and organized games. Extensive individual attention during stroke work and videotaping will bring out the best in all the swimmers. The cost of the Start & Turn Clinic is \$75. The cost of the Day Camp is \$140 and the Resident Camp is \$475 for overnight campers and \$350 for commuters. Please call or write for further information and a brochure.

# NORTHWESTERN UNIVERSITY WILDCAT SWIM CAMP

June 18-23, June 25-30

Norris Aquatic Center 2379 Sheridan Rd. Evanston, IL 60208 847-491-4829 847-467-2396 E-mail: s-porter@nwu.edu

Learn to train Wildcat style under the expertise of the coaching staff at Northwestern University: NU Head Coaches Jimmy Tierney and Bob Groseth, assisted by Keith MacDonald and Sonja Porter will direct all daily practices, skill sessions, and lecture/discussions. Wildcat Swim Camp will feature a special star athlete, still to be announced, who will provide special insight into swimming at the elite level. Regular camp features include stroke analysis with underwater filming, skill sessions with Nationally and World-ranked NU swimmers, and exercises in mental preparation; daily

recreational activities will include group games as well as swimming on our scenic private beach on Lake Michigan...right next to the pool! All activities and dorm time are facilitated and supervised by camp staff. Site: Northwestern University in Evanston, IL.

### **NOTRE DAME SWIM CAMP**

June 11-16, June 17-22

Joyce Center University of Notre Dame Notre Dame, IN 46556 219-631-8788 (camp office) Fax: 219-631-3650 E-mail: welsh.1@nd.edu www.und.com

Whatever the century, Fundamentals are always in fashion. Notre Dame Swim Camps for Summer 2000 will bring the traditional skills of swimming and racing excellence into the new century. With up to 3 water sessions daily, Notre Dame's traditional teaching camps emphasize a balanced technique and training approach to swimming. Video taping, classroom, and dryland sessions outside the pool focus on keeping both the "fun" and the "mental" in the fundamentals of swimming. Campers from around the country live, learn, and train together on Notre Dame's beautiful, historic campus. \$425 per session. See ad on page 43 in this issue of Swimming World.

# **PEAK PERFORMANCE SWIM CAMP**

June 5-14, at Los Alamos, NM June 17-23, June 24-30, July 1-7, July 8-14, July 15-21, July 22-28, July 29- Aug. 4, Aug. 5-11, at Orlando, FL

10097 Cleary Blvd., Suite 215 Plantation, FL 33324 954-370-2336 Fax: 954-370-0006

E-mail: swim@peakperfswimcamp.com www.peakperfswimcamp.com

The coolest place in the universe for kids is now the coolest place in the universe for kids who swim. Introducing Peak Performance Swim Camp, "ORLANDO." A camp where "trying your best" matters more then "best times." A camp where coaches have the time to work individually with each swimmer. A camp where "fitness and fun" go "hand in hand." A camp where building a swimmer's self esteem is just as important as building their strength and endurance. The camp is coached by Olympic Coaches Lois Daigneault and Nick Baker and is limited to just 25 swimmers per week! We also offer a special camp just for "10 & Unders." Social activities include a trip to Universal Studios, Disney World, Wet N' Wild and Sea

World. We accept Visa, MasterCard and American Express For more information visit our website. See ad on page 23 in this issue of *Swimming World*.

# 2000 PENN STATE COMPETITIVE SWIMMING AND DIVING CAMPS

June 11-15, Coed Swimming June 17-21, Coed Swimming and Diving June 24-28, Coed Swimming and Diving July 5-9, Coed Swimming and Diving

Penn State Sport Camps 204 Multi-Sport Facility University Park, PA 16802 800-PSU-TODAY

Penn State swimming camp is directed by Bill Dorenkott, Penn State women's swimming coach, and the diving camp is directed by Craig Brown, Penn State men's and women's diving coach. Peter Brown, Penn State men's swimming coach, and Fran McDermid, Penn State women's assistant swimming coach are assistant directors. Past or current membership on a swimming team is required. Each student receives personalized instruction, weight training, videotape analysis, excellent student-to-instructor ratios, and 24-hour supervision.

Outstanding facilities include three indoor pools, an Olympic size 50-meter, heated, outdoor pool, and a separate diving well and diving pit. For a free brochure, call 1-800-PSU-TODAY.

# **ROCKY MOUNTAIN SWIM CAMP**

June 4-9, June 11-16, June 18-23: Stroke Technique Camps June 25-July 6: Altitude and Psychological Skills Training Camp

Colorado State University Department of Athletics-Swimming Fort Collins, CO 80523 970-491-7242

E-mail: eomara@lamar.colostate.edu

Three Stroke Technique Camps will be held for swimmers ages 9-18. This camp assists swimmers in developing mental and physical skills to improve training and performance. One training session, one drill and technique session, including videotape analysis of individual's strokes, dryland, mental training and nutrition education held daily. Campers are well supervised 24-hours a day, with organized free time activities planned. Cost: \$390 resident; \$290 commuter. The Altitude and Psychological Skills Training Camp is an intensive camp for swimmers ages 12-18. Proven altitude training benefits are realized, with individual training breakthroughs commonplace. Two training sessions per day for 30

swimmers, including stroke analysis, nutrition education and psychological skills education (goal-setting, thought stopping, positive self-talk, relaxation and imagery). Complete summaries of workouts will be given to swimmers for their home coaches. Cost: \$695, resident only. Camp directors; John Mattos, Head Coach, Colorado State University; and Erin O'Mara, Assistant Coach, CSU.

### SCHUBERT SWIM CAMP

June 11-16, June 18-23, June 25-30, July 2-7

P.O. Box 479 Surfside, CA 90743-0479 562-592-3424 Fax: 562-592-9704

E-mail: JSchub5314@aol.com http://www.usctrojans.com>sports

finder>swimming

Train and learn with USA Head Coach for the 2000 Olympic Men's Team, Mark Schubert, and a Championship Team of USC assistant coaches. All of whom are on deck and directly involved with all training aspects of the camp. World Record Holder Lenny Krayzelburg, Olympic Gold Medalist Brad Bridgewater and Kristine Quance will be among our guest speakers. Camp daily includes: dryland training. a conditioning swim training session, plus 2 swim sessions devoted to stroke technique work, drills, starts and turns mechanics. All strokes are videotaped underwater with video analysis of campers' strokes. Located at the University of Southern California, site of the 1984 Los Angeles Games. Swimmers stay in oncampus dormitories with 24-hour supervision. planned extracurricular activities along with coaches who care about details that can make a difference for all ability levels, ages 8-18. Elite training is available. Cost \$520 resident campers and \$410 day camper. Limited registration, apply early. See ad on page 44 in this issue of Swimming World.

### **SPARTAN SWIMMING CAMP**

June 11-16, June 18-23, July 9-14, July 16-21

Matt Gianiodis
Assistant Swimming Coach
Michigan State University
236 IM West
East Lansing, MI 48824
517-432-2054
Fax: 517-432-2053

Fax: 517-432-2053 E-mail: ath71@msu.edu

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The Spartan Swim Camp is held on the beautiful, park-like campus of Michigan State University.

Overnight and day sessions for boys and girls ages 10-18 are available. Campers live in University residence halls and eat meals at University dining halls. The camp is designed to enhance the technical aspects of stroke, training, and the strategies needed for each camper to compete at the top level of competitive swimming. The camp is run in our 50meter outdoor and 25-yard indoor aquatic facility. Each camper's daily schedule includes a long course training workout; videotaping of stroke work, starts and turns; critique of swimming technique; in water stroke drill session; presentation of various swimming topics and much more. Sessions limited to 60 swimmers. Costs: Resident camper-\$398: Commuter camper—\$335. For a Spartan Swimming Camp brochure, write or call Matt Gianiodis, Assistant Coach

## STANFORD NATIONAL SWIM CAMP 2000

June 18-23, June 25-30, July 2-7, July 9-14, Ages 9-18 May 28-June 2, Adult camp ages 19+

Stanford National Swim Camp 2000 1526 Chestnut Street San Carlos, CA 94070 650-591-0946 Fax: 650-591-6753

E-mail: swimfast@sprintmail.com www.stanfordswimcamp.com

Stanford National Swim Camp is an outstanding and unique program, emphasizing swim technique and stroke drills. Olympic and Stanford University Head coaches Richard Quick and Skip Kenney are on deck and involved with the program so that every swimmer has a chance to experience their extensive knowledge and energetic teaching styles. The program includes a concentration on one stroke per day, plus starts and turns using the same techniques that make Stanford one of the outstanding collegiate programs in the country. We offer daily videotaping and feedback, dryland training and motivational talks from both the Stanford coaching staff and Olympians Jenny Thompson and Kurt Grote. Additional features include excellent supervision by mature, resident staff and an opportunity to live in and explore the beautiful Stanford University campus. Sessions fill very early, so apply NOW. Cost: Age Group: \$750, resident/ \$650, day. Adult camp: \$475.

Camps, Swimming Education and more, go to swiminfo.com

# TECHNIQUE SWIM CAMP AT HARVARD UNIVERSITY

June 12-16, June 19-23, June 26-30, July 3, 5-7, July 10-13, July 17-21

Technique Swim Camp at Harvard PO Box 380891 Cambridge, MA 02238 617-783-4451

E-mail: techswimcamp@yahoo.com

The Technique Swim Camp is conducted at Blodgett Pool on the renowned Harvard University campus with easy access to historic Boston. Harvard Head Coaches Stephanie Wriede Morawski and Tim Murphy have designed a challenging summer program dedicated to improving the performance of swimmers ages 7-18. The camp will focus specifically on stroke technique, mental discipline, nutrition, race strategy and strengthening exercises. Above and below water video enables instructors to review strokes, starts and turns with each camper. Our professional staff members serve as role models promoting sportsmanship and providing a healthy learning environment. Previous guest speakers include U.S. Olympians Janel Jorgensen, Lawrence Frostad and Japanese Olympic Gold Medalist Daichi Suzuki. Day camp only. Cost: \$300

# TOM JAGER'S GOLD MEDAL SWIM CAMP

June 18-25, June 25-July 2

Tom Jager, Camp Director 64 Ramblewood Blvd. Tijeras, New Mexico 87059 505-281-9401

Fax: 505-286-2753 www.goldmedalswim.org

This camp is an exclusive and intense training opportunity. Our camp offers a unique experience for swimmers who are committed to the sport. You can expect personal attention and instruction from Olympic Gold Medalist and World Record Holder Tom Jager. The facility, a 50-meter indoor pool, is the highest altitude training site in the country (7,200 feet). You will attend seminars on: training, race preparation, and handling the pressures of success and failure. We will be hiking in the mountains, white-water rafting, rock climbing, and exploring archaeological sites. Our philosophy is to make training productive and fun. Our emphasis is on stroke technique, racing details, cross training, and a positive attitude. Only 14 spots remain as of January 1st. See ad on page 10 in this issue of Swimming World.

# TOTAL PERFORMANCE SWIMMING CAMP

June 11-16, June 18-23, Comprehensive Camps

June 25-29 Elite Sprint Camp

Kenyon College 180 Essex Road Lexington, OH 44904 740-427-2790

E-Mail: pjenning@richnet.net www.tpswimcamp.com/

Coach Jim Steen, skilled at developing athletes into champions, has assembled a team of coaches to provide a training and learning experience that is unique. Learn from coaches like Mike Bottom, University of California-Berkeley Sprint Coach and from Dave Jennings, Miami University Women's Coach. Train using methods proven successful by national record holding Kenyon and Miami swimmers. The camp stresses all aspects of swimming performance with around-the-clock supervision by resident coaches. The daily schedule includes water workouts, an introduction to dryland training, a stroke development clinic with videotaping and stroke lectures. Two one-week sessions will be offered to both boys and girls ages 10-18. A third week for elite sprinters, ages 13-18 with AA times, will also be offered. See ad on page 44 in this issue of Swimming World.

# **UNITED SWIMMING CLINICS**

June 6-July 2

John Trembley, Director United Swimming Clinics 2106 Andy Holt Avenue Knoxville, TN 37996-2905 423-974-1258

Fax: 423-974-1287

E-mail: JTrembley@utk.edu

With the head coaching staff of John Trembley (Tennessee), Pete Williams (Mercersburg), Bonnie Dix (Wellesley), Rob Orr (Princeton), Dan Colella (Tennessee), Jamie Bloom (James Buchanan), June Hunt and Shaun Crow (Australia). We emphasize supervision, technique and fun. A 9:1 swimmer-tocoach ratio. The finest coaching minds in the country insure the best coaching technique available. Our 5day program includes daily videotaping, mental training, strict supervision, lectures by coaches and Olympic quests, and a residential staff that stresses learning while having fun. One or multi-week sessions. Girls and boys, ages 8-18. We accept applications on a first-come, first-serve basis. Limited enrollment. Sites at Mercersburg Academy (Pennsylvania), Blair Academy (New Jersey), and University of Tennessee (Tennessee). Cost is

\$450 per week for residents, \$360 for day campers, and \$150 for coaches or family members who wish to observe.

### **UCI SWIM CAMP**

Saturday Sessions April 29, free; May 6, breast; May 13, back; May 20, fly;

Summer Sessions June 26-30, Session I July 10-14, Session II July 17-21, Session III August 7-8, Session IV

Charlie Schober UCI Crawford Hall Irvine, CA 92697 949-824-7946 (UCI-SWIM) E-mail: CTSCHOBE@UCI.EDU

Charlie Schober, head coach for the UC Irvine swim team has a highly experienced staff which has developed elite swimmers. His coaching staff consists of Brian Pajer, Michelle Dienzo, Lucy Johnson and many more skilled coaches that will aid swimmers into perfecting their strokes. All camps are held at the UCI campus, in the new outdoor 65-meter by 25-yard pool. The camps emphasize a high-quality stroke analysis with campers divided into small teaching groups for the entire day to maximize individual attention. Each camper is videotaped from underwater with a verbal critique on the tape. The goal of the camp is to work on the often-neglected areas of starts, turns, and stroke technique in a fun and informative atmosphere. Camp features include over four hours of in-water personal stroke instruction per day; resident and day camp opportunities: planned recreational activities: 24-hour adult supervision; convenient dorms, cafeteria, and recreation facilities; group and early registration discounts; swimmers ages 7-17; limited registration. Costs for the summer sessions: resident, \$395, day \$255. Saturday clinics: any 1 session, \$60; 2 sessions, \$95; 3 sessions, \$130; 4 sessions, \$165.

# **UCLA OPEN WATER CAMPS**

May 27-29, Camp #1, Memorial Day Weekend, Saturday-Monday July 1-3, Camp #2, 4th of July Weekend, Saturday-Monday

228 Nevada St.
El Segundo, CA 90245
800-352-7946 x 105
E-mail: mcollins@ucla.edu
www.spma.org/uclabruins
United States Masters Swimming Coaches of the Year,

Michael Collins (1990) and Gerry Rodrigues (1992), offer a weekend of technique improvement, conditioning and racing skills development for distance pool events and open water racing. Learn from these two top-level coaches and distance swimmers who have won numerous U.S. National Championship titles, both in the pool and in open water events, as well as, triathlon victories. The clinic will teach you how to achieve maximum benefit in a limited amount of training time. Sharpen your swimming skills both in the pool and in the ocean while imroving your conditioning level. Build your confidence to race in triathlons, open water swims, or pool distance events. This 2-1/2 day camp includes pool and ocean sessions, lectures on technique. training and open water racing strategies. The coaches-Michael Collins and Gerry Rodrigues, who head up the UCLA Masters program-also videotape and analyze your stroke. "We do actual workouts, but every set has some PURPOSE in mind-not just mindless yardage." says Collins. The pool/ocean combo, along with the top-notch instruction, is what makes this camp alluring. Cost: \$395. Early registration fee: \$295 by 5/15 or 6/15 (depending on which camp), Limited to 30 participants.

### **WOLVERINE SWIM CAMP**

June 11-16, June 18-23, June 25-30, July 2-7, July 9-14

8160 Valley View Drive Ypsilanti, MI 48197 734-484-4125 (phone and fax) Fax: 734-763-6543 E-mail: jimrich@umich.edu www.mgoblue.com

Five sessions limited to 165 campers per session. A staff of 50 and three instructional sessions per day, ensure the individual attention necessary for significant improvements. UM and EMU coaches Jon Urbanchek, Jim Richardson, Eric Namesnik, Stefanie Kerska, Peter Linn and Sam Jalet are on deck directly involved in the coaching and training of all campers. All campers filmed with the "STS" underwater camera. Each camper receives a custom 30-minute video with training and technique information from the coaches and Olympic medallists. Intensive training option for older swimmers who qualify. Technique development tract available for swimmers in need of skill acquisition. World-class staff provides leadership and companionship that encourages each swimmer to strive for excellence in life. Cost: \$495/week includes instruction, swim cap, T-shirt, color photo, custom videotape, instructional printed material, "goody bag" and room and board; \$395/week day camper fee includes all of the above (less room and board) and between-session supervision. See ad on page 45 in this issue of Swimming World.





### **David Marsh**



1997 Men's NCAA Coach of the Year

**Rowdy Gaines** 



Three-Time Gold Medalist Medalist 1997 100 NBC Experi Free National Commentator Champion 1996 & 2000 Olympics

Scott Tucker

### Home of NCAA and Olympic Champions

Learn what it takes to be a Champion at the Auburn Tiger Swim Camp!

Train and interact daily with world-class swimmers and a superior coaching staff - it's an unforgettable summer experience only the winning Auburn tradition can give.

# Four 5 Day Camps:

# June 11-15 • June 18-22 • June 25-29 • July 9-13

- 路 Excellent training staff includes Rowdy Gaines, Bill Pilczuk, Kim McDonald, Adam Crossen, Adam Schmitt, Ralph Crocker
- Starts, turns, cutting edge stroke technique and
- Grouping levels from novice to elite caliber (ages 9 and up)
- World Class Facility Site of the 1998 Men's NCAA Championships
- 24 Hour adult supervision, educational and *Fun* activities
- New dining facility Discounts for multiple campers

For more information and a registration brochure, call (334) 844-9746 or write to:

Auburn Tiger Swim Camp • P.O. Box 351 • Auburn, AL 36830-0351 • auswcmp@mail.auburn.edu

(College/University Affiliated Swimming Camp)



# FLORIDA GATOR SWIM CAMP

Session I: June 10-15

Session II: June 17-22

Session III: June 24-29

Session IV: July 1-6

Elite Camp

Session I: June 10-July 6 Fly/Back: June: 15-17

Stroke Camp

Session II: June 10-July 29 Breast/Free: June 29-July 1

Camp open to athletes of all abilities from ages 8 to 18



From L to R: Gregg Troy, Martyn Wilby, Brian Schrader & Anthony Nesty

- The same comprehensive shortcourse, long course and dryland training used by Olympians and national champions
- Complete video stroke analysis
- Staff includes coaches and swimmers with Olympic experience
- World-class facilities and air-conditioned dorm rooms

### For more information, call or write:

2000 Florida Gator Swim Camp, • P.O. Box 14485 Gainesville, Fla. 32604-2485 (352) 375-4683, ext. 4532

www.uaa.ufl.edu

Check out camp information on at www.uaa.ufl.edu

# ndiana Swimming Analysis Camp





KRIS KIRCHNER

**DORSEY TIERNEY** Indiana Head Men's Coach Indiana Head Women's Coach Second Year

# **Camp Dates**

June 4-9 June 11-16

June 18-23

June 25-30

# Tuition

\$450 / week Early & family discounts available



# Camp Features

- . Newly-constructed Counsilman Aquatic Center
- . Limited enrollment and low swimmer-coach ratio
- . Emphasis on stroke mechanics and instruction
- . Two daily water sessions maintain conditioning
- . Daily dryland instruction and strength/ performance testing
- . Individual video tape and personal skills evaluation book
- . Daily performance sessions on nutrition, mental training, goal setting and more

6000 N Maple Grove Rd • Bloomington, IN 47404-9543 812-855-7102 • gearhart@indiana.edu • Http://www.earhart.net/camp

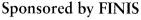
(College/University Affiliated Swimming Camp)



# MALIBU SWIM CAMP

# Pepperdine University

"One of the World's Most Beautiful Campuses"
Raleigh Runnels Memorial Pool
Site of the 1984 Olympic Water Polo Games





# Three Exciting Sessions:

June 24-28 July 15-19 July 22-26

\$500 per session for Resident, \$425 for Day



Tim Elson Camp Director Head Swim Coach Pepperdine University

Barry Schreifels Head Swim Coach Cal State Northridge



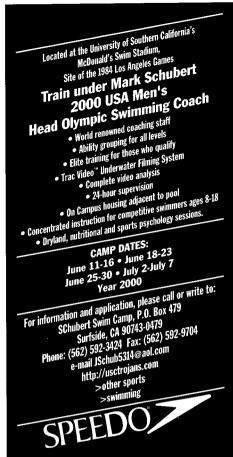
Every camper receives free pair of FINIS Freestyler Hand Paddles

For information and a brochure, call (818) 878-1876, or write to the Malibu Swim Camp, 26816 Cold Springs St, Agoura Hills, CA 91301

(College/University Affiliated Swimming Camp,

# THINGS TO DO:

- Sign up for Notre Dame Swim Camp 2000
- Choose from three options...
- Session I: Skills & Drills ~ May 8-11th (4 pm-7 pm)
- Session II: Traditional ~ June 11-16th (overnight)
- Session III: Traditional ~ June 17-23rd (overnight)
- Call us, e-mail us, or check our web site for more information!
- Camp office: 219-631-8788
- E-mail: ndswim.1@nd.edu
- Web site: http://www.und.com/



# E JOIN US AT USC!

2000 Swim with SChubert Swim Camp Home of the 1997 Women's NCAA Champions



Larry Liebowitz-USC Assistant Coach-1995 & 1999 Pan Am Coach-1997 World University Coach Jim Montrella—USC Assistant Coach—USA Olympic Coach—Coach of World & American Record Holders Don La Mont-Former USC Head Coach—Coach of World & American Record Holders
Erika Hansen—USC Assistant Coach—2 time USA Olympian

Mark Schubert–USC Head Coach–6 Time Olympic Coach–1999 Coach of the Year Lenny Krayzelburg–Two time World Champion, Current World Record Holder Kristine Quance–USA Olympian and Gold Medalist Lindsay Benko–Pan Pacific Champion and American Record Holder

Brad Bridgewater-USA Olympian-Olympic Gold Medalist

(College/University Affiliated Swimming Camp)

# TOTAL PERFORMANCE SWIM CAMP

AT KENYON COLLEGE



Jim Steen Kenyon Coach \*35 NCAA Team Titles

# **FEATURING:**

\*Camper/Coach ratio: 10:1 \*Grouped by age & ability \*Videotaping and critique \*2-3 pool sessions daily \*24-hour supervision



Mike Bottom Cal-Berkeley Sprint Coach \*1980 Olympian

# Comprehensive Camps

(ages 10-18) June 11-16 June 18-23

Fee: \$415/session

For more information: **TPSC** P.O. Box 410

Gambier, OH 43022 Email: pjenning@richnet.net

Phone: (740) 427-2790

Website: www.tpswimcamp.com/

Elite Sprint Camp (ages 13-18 w/ AAA times) June 25-29

Fee: \$415/session

# 1999 Top 25 World and U.S. Best Times

# Compiled by Nick Thierry, Swimnews.com

<b>MEN'S EVEN</b>	ITS	
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12	22.41	EUR99JUL	Ba
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15	22.54	NEDLCJUN	Ma
16	22.56	AUSLCMAR	Ch
17	22.62	AUSLCMAR	Je
18	22.63	PAC99AUG	Ne
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P. v.d. Hoogenband, 21, NED Michael Klim, 22, AUS Alexander Popov, 27, RUS Fernando Scherer, 24, BRA Neil Walker, 23, USA Gustavo Borges, 27, BRA Jason Lezak, 23, USA Lars Frolander, 25, SWE Chris Fydler, 26, AUS Bryan Jones, 20, USA Lorenzo Vismara, 24, ITA Scott Tucker, 24, USA
Bartosz Kizierowski, 22, POL
lan Thorpe, 16, AUS
Johan Kenkhuis, 19, NED
Sabir Muhammad, 23, USA Denis Pimankov, 24, RUS Mark Veens, 20, NED Todd Pearson, 21, AUS Jose M. Meolans, 21, ARG Brock Newman, 22, USA Yannick Lupien, 19, CAN Salim Iles, 23, ALG Roland Schoeman, 19, RSA

Gavin Meadows, 21, GBR

**Remaining U.S. Swimmers**7 50.38 USALCMAR
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Ian Crocker, 16, USA Jon Olsen, 30, USA Josh Davis, 26, USA Nate Dusing, 20, USA Dan Phillips, 26, USA Matthew Macedo, 19, USA Justin Ewers, 22, USA Justin Ewers, 22, USA John Miranda, 34, USA Brian Esway, 23, USA Jay Schryver, 20, USA Coley Stickles, 22, USA Gregory Busse, 21, USA Jamie Rauch, 19, USA David Fox, 27, USA Brad Schumacher, 25, USA Joseph Marus, 23, USA David Morrow, 20, USA

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1:46.82	PAC99AUG	Michael Klim, 22, AUS
1:48.01	EUR99JUL	Paul Palmer, 24, GBR
1:48.17	PAC99AUG	Ryk Neethling, 21, RSA
1:48.37	EUR99JUL	Massi Rosolino, 21, ITA
1:48.60	PAC99AUG	Chad Carvin, 25, USA
1:48.74	GBRLCDEC	Edward Sinclair, 19, GBR
1:48.92	PAC99AUG	Josh Davis, 26, USA
1:48.94	PAC99AUG	Ugur Taner, 25, USA
1:49.13	AUSLCMAR	Todd Pearson, 21, AUS
1:49.17	GBRLCDEC	James Salter, 23, GBR
1:49.30	USOPNDEC	Bela Szabados, 25, HUN
1:49.32	EUR99JUL	Jacob Carstensen, 20, DEN
1:49.41	PAN99AUG	Gustavo Borges, 26, BRA

(College/University Affiliated Swimming Comp.)



### JON URBANCHEK Michigan Men's Coach Big Ten/NCAA Coach of the Year **ERIC NAMESNIK**

Michigan Assistant Men's Coach USA Olympian and Double Silver Medalist

# 2000 WOLVERINE SWIM CAMP

Ages 9-18 at



JIM RICHARDSON Michigan Women's Coach Big Ten/NCAA Coach of the Year

STEFANIE KERSKA

Michigan Assistant Women's Coach Former All-American and Big Ten Champion

# MERSINY OR VI

# **REGISTER EARLY:**

FIVE SESSIONS AVAILABLE

■June 11-16 ■June 18-23

■ June 25-30 ■ July 2-7 ■ July 9-14

RESIDENT: \$495/WK · DAY CAMPER: \$395/WK

 Canham Natatorium-just completed \$7,000,000 renovation •Intensive Training Option Available

•3 Instructional/Technique Sessions Per Day

Individual Underwater Filming & Analysis

•Free StretchTech dryland trainer

PETER LINN EMU Head Men's Coach

For more information Call or Write: Wolverine Swim Camp Director—8160 Valley View Drive · Ypsilanti, MI 48197 PH: 734-484-4125 FAX: 734-763-6543

Web site: www.mgoblue.com e-mail: jimrich@umich.edu



SAM JALET EMU Head Women's Coach

# World and U.S. Rankings

17	1:49.44		William Kirby, 24, AUS	17	3:53.06	AUSLCMAR	Kieren Perkins, 25, AUS
18	1:49.72	EUR99JUL	Stefan Pohl, 20, GER	18	3:53.13	RUSLCJUN	Alexei Filipets, 20, RUS
19	1:49.77	GBRLCJUL	Gavin Meadows, 21, GBR	19	3:53.20	PAC99AUG	Rick Say, 20, CAN
20	1:50.04	GERLCMAY	Aimo Heilmann, 24, GER	20	3:53.40	GBRLCJUL	Graeme Smith, 23, GBR Igor Snitko, 20, UKR
21	1:50.14	USALCAUG	Mark Warkentin, 19, USA	20	3:53.40	EUR99JUL FISUJUL	Mark Warkentin, 19, USA
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12	1:51.69	PAC99AUG	Jon Younghouse, 21, USA	15	3:57.59	USALCAUG	Chris Epp. 19, USA
13 14	1:51.78 1:51.99	USALCMAR	lan Crocker, 16, USA	16	3:57.61	USOPNDEC	Tyler Painter, 21, USA
14	1:51.99	USALCAUG	Scott Vonschoff, 20, USA	17	3:57.74	USALCAUG	Mickey Murad, 19, USA
16	1:52.06	USALCAUG	Austin Ramirez, 21, USA	18	3:58.09	USALCAUG	Kevin Clements, 19, USA
17	1:52.11	FISUJUL	Eric Godsman, 21, USA	19	3:58.25	USALCAUG	Brendan Nelligan, 16, USA
17 18	1:52.11	USALCAUG	Jarod Schroeder, 25, USA	20	3:58.42	SCSCJUN	Tom Malchow, 22, USA
19	1:52.12	USALCMAR	Brian Atkins, 17, USA	21	3:58.52	FISUJUL	David Hartzell, 19, USA
20	1:52.13	USOPNDEC	Klete Keller, 17, USA	22	3:58.56	SCSCJUN	Josh Davis, 26, USA
21	1:52.23	USALCAUG	Blaine Morgan, 21, USA	23	3:58.99	PAN99AUG	Nathan Lewis, 21, USA
22	1:52.30	USALCAUG	Mickey Murad, 19, USA	24	3:59.05	USALCMAR	Brian Atkins, 17, USA
23	1:52.41	USOPNDEC	Clay Kirkland, 16, USA	25	3:59.31	USALCAUG	Jamie Grimes. 20. USA
24	1:52.42	USALCAUG	John Waters, 17, USA				
25	1:52.55	PAC99AUG	Brad Schumacher, 25, USA	800	METER FF	REESTYLE	
	1.02.00			: Rec:	7:46.00	Kieren Perkii	
400 f	METER FF	REESTYLE		, 1	7:49.76		Grant Hackett, 18, AUS
Rec:	3:41.83	lan Thorpe,	AUS, 99	2	7:56.96	PAC99AUG	Ryk Neethling, 21, RSA
1	3:41.83	PAC99AUG	lan Thorpe, 16, AUS	3	7:59.45	PAC99AUG	Chris Thompson, 20, US
2	3:45.59	AUSLCMAR	Grant Hackett, 18, AUS	4	8:00.53	USALCAUG	
3	3:46.31	PAC99AUG	Ryk Neethling, 21, RSA	5	8:00.81	FISUJUL	Mark Warkentin, 19, USA
4	3:48.12	EUR99JUL	Paul Palmer, 24, GBR	6	8:01.02	FISUJUL	Andrea Righi, 19, ITA
5	3:48.50	EUR99JUL	Emiliano Brembilla, 20, ITA	. 7	8:01.51	USOPNDEC	
6	3:48.86	AUSLCMAR	Daniel Kowalski, 23, AUS	8	8:02.10	EUJRJUL	Igor Chervynskiy, 18, UKR
7	3:49.04	EUR99JUL	Dragos Coman, 19, ROM	9	8:02.55	EUR99JUL	Igor Snitko. 20. UKR
8	3:49.40	ITALCAUG	Massi Rosolino, 21, ITA	10	8:04.00	GBRLCDEC	Graeme Smith. 23. GBR
9	3:49.68	USALCAUG		11	8:04.58	PAN99AUG	Tim Siciliano, 19, USA
10	3:51.33	GBRLCDEC	James Salter, 23, GBR	12	8:04.77	FISUJUL	Denis Zavgorodniy, 19. UK
11	3:51.35	EUR99JUL	Jacob Carstensen, 20, DEN	13	8:04.79	PAC99AUG	Craig Stevens. 18. AUS
12	3:52.25	PAN99AUG	Luiz Lima, 21, BRA	14	8:05.61	EUR99JUL	Dragos Coman, 19. ROM
13	3:52.32	PAC99AUG	Masato Hirano, 24, JPN	15	8:06.59	EUR99JUL	Jorg Hoffmann, 29. GER
14	3:52.58	EUR99JUL	Sylvain Cros, 19, FRA	16	8:07.83	AUSAGAPR	
15	3:52.63	PAC99AUG	Jon Younghouse, 21, USA	17	8:07.86	USALCMAR	
15	3:52.63	PAC99AUG	Chris Thompson, 20, USA	: 18	8:08.03	EUR99JUL	Sylvain Cros, 19, FRA
-							
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20	8:09.05	EUR99JUL
21	8:09.47	FASTMAY
22	8:09.53	PAC99AUG
23	8:10.01	PAN99AUG
24	8:10.42	USALCAUG
25	8:10.67	FISUJUL
Rem	aining U.S	. Swimmers
9	8:11.87	USALCMAR
10	8:12.15	USALCMAR
11	8:12.30	USALCMAR
12	8:12.40	USALCAUG
13	8:12.48	USALCAUG
14	8:12.88	PAC99AUG
15	8:14.03	USALCAUG
16	8:14.38	USALCAUG
16	8:14.38	USALCAUG
18	8:14.45	USALCAUG
19	8:15.01	USALCAUG
20	8:15.48	USALCAUG
21	8:15.84	USALCAUG
22	8:15.95	USALCAUG
23	8:16.07	USALCAUG
24	8:16.51	USALCMAR
25	8:17.16	USALCAUG

8:08 43

USALCAUG Brendan Nelligan, 16, USA Alexei Filipets, 21, RUS Mark Leonard, 21, USA Masato Hirano, 24, JPN Luiz Lima, 21, BRA lan Prichard, 17, USA Michael McWha, 22, CAN

> Klete Keller, 16, USA Klete Keller, 16, USA Ross Buffington, 16, USA Sumner Rollings, 18, USA Tyler Painter, 21, USA Daniel Ketchum, 17, USA Jon Younghouse, 21, USA Andrew Mahaney, 18, USA Alex Mahon, 20, USA Fran Crippen, 15, USA Brian Soria, 18, USA Jamie Grimes, 20, USA Sean Smith, 17, USA Reeve Irvin, 20, USA Tim Martin, 21, USA James Galloway, 18, USA Brian Atkins, 17, USA Matt Hooper, 25, USA

### 1500 METER FREESTYLE

150	JU METEK FF	EESITLE	
Rec	:: 14:41.66	Kieren Perkir	
1	14:45.60	PAC99AUG	Grant Hackett, 19, AUS
2	15:02.40	PAC99AUG	Ryk Neethling, 21, RSA
3	15:04.68	PAC99AUG	Chris Thompson, 20, USA
4	15:07.10	USOPNDEC	Kieren Perkins, 26, AUS
5	15:07.19	EUR99JUL	Igor Snitko, 20, UKR
6	15:09.23	GBRLCDEC	Graeme Smith, 23, GBR
7	15:09.31	EUJRJUL	Igor Chervynskiy, 18, UKR
8	15:13.10	EUR99JUL	Dragos Coman, 19, ROM
9	15:14.94	PAN99AUG	Tim Siciliano, 19, USA
10	15:15.68	PAC99AUG	Craig Stevens, 18, AUS
11	15:15.79	PAC99AUG	Masato Hirano, 24, JPN
12	15:18.26	EUR99JUL	Sylvain Cros, 19, FRA
13	15:19.26	EUR99JUL	Alexei Filipets, 21, RUS
14	15:20.45	ESPLCMAR	Daniel Vidal, 19, ESP
15	15:21.92	PAN99AUG	Luiz Lima, 21, BRA
16	15:22.85	USALCAUG	Chad Carvin, 25, USA
17	15:24.22	USOPNDEC	Erik Vendt, 18, USA
18	15:24.94	EUR99JUL	Jorg Hoffmann, 29, GER
19	15:24.97	ESPLCMAR	F. Jose Cueto, 19, ESP
20	15:25.70	AUSAGAPR	Daniel Budgeon, 19, AUS
21	15:25.83	FISUJUL	Andrea Righi, 19, ITA
22	15:26.16	EUJRJUL	Adam Faulkner, 18, GBR
23	15:27.12	LTCUPAPR	Fabio Venturini, 21, ITA
24	15:27.58	ZAGRAUG	Emiliano Brembilla, 20, ITA
25	15:27.86	EUR99JUL	Dimitri Koptour, 21, BLR
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Luiz Lima, 21, BHA
Chad Carvin, 25, USA
Erik Vendt, 18, USA
Jorg Hoffmann, 29, GER
F. Jose Cueto, 19, ESP
Daniel Budgeon, 19, AUS
Andrea Righi, 19, ITA
Adam Faulkner, 18, GBR
Fabio Venturini, 21, ITA
Emiliano Brembilla, 20, ITA Dimitri Koptour, 21, BLR Mark Leonard, 21, USA Mark Warkentin, 19, USA Jon Younghouse, 21, USA Matt Hooper, 25, USA Tyler Painter, 21, USA Ian Prichard, 17, USA lan Prichard, 17, USA Jamie Grimes, 20, USA Klete Keller, 17, USA Nathan Lewis, 21, USA Brian Soria, 17, USA Brendan Nelligan, 16, USA Steve McLeod, 21, USA Tim Martin, 21, USA Robert Margalis, 17, USA Kevin Clements, 19, USA Reid Gustin, 19, USA John Cole, 17, USA Fran Crippen, 15, USA Eric Donnelly, 19, USA Sean Smith, 17, USA

Dan DeMarco, 18, USA

24	15:27.58	ZAGRAUG
25	15:27.86	EUR99JUL
Rema	ining U.S.	<b>Swimmers</b>
5	15:28.06	FISUJUL
6	15:29.54	FISUJUL
7	15:30.61	PAC99AUG
8	15:35.97	USALCAUG
9	15:36.00	USALCAUG
10	15:37.71	USALCAUG
11	15:38.72	USALCAUG
12	15:40.41	USALCAUG
13	15:44.15	PAN99AUG
14	15:45.09	EVANSJUL
15	15:45.15	USALCAUG
16	15:45.67	USALCAUG
17	15:45.79	USALCAUG
18	15:47.35	USOPNDEC
19	15:48.08	USALCAUG
20	15:48.25	USALCAUG
21	15:48.57	USALCAUG
22	15:49.44	USALCAUG
23	15:49.70	USALCAUG
24	15:50.66	USALCAUG
25	15:50.88	LIACJUL

		BACKSTROKE
Rec:	53.60	Lenny Krayz
1	53.60	PAC99AUG
2	54.93	PAN99AUG
3	55.13	PAC99AUG
4	55.16	EUR99JUL
5	55.17	PAN99AUG
6	55.18	PAC99AUG
7	55.32	JPNLCJUN
8	55.39	PAC99AUG
9	55.47	PAC99AUG
10	55.58	PAC99AUG
11	55.63	GBRLCJUL
12	55.63	USALCAUG
13	55.74	AUSLCMAR
14	55.76	EUJRJUL
15	55.84	ESPLCMAR
15	55.84	EUR99JUL
15	55.84	PAN99AUG
18	55.87	EUR99JUL
18	55.87	PAC99AUG
20	55.97	FISUJUL
20	55.97	USOPNDEC
22	56.00	PAN99AUG
23	56.02	USALCMAR
24	56.06	EUR99JUL
25	56.07	USALCAUG
Ren	naining l	J.S. Swimmers
7	56.10	USALCAUG
8	56.19	FISUJUL
9	56.42	USALCAUG
10	56.44	USALCAUG
11	56.46	FISUJUL

elburg, USA, 99 Lenny Krayzelburg, 23, USA Rodolfo Falcon, 26, CUB Matt Welsh, 22, AUS Stev Theloke, 21, GER Alexandre Massura, 24, BRA Josh Watson, 22, AUS Keitaro Konnai, 20, JPN Robert Brewer, 25, USA Mark Versfeld, 23, CAN Atsushi Nishikori, 21, JPN Martin Harris, 30, GBR Neil Walker, 23, USA Raymond Hass, 21, AUS Steffen Driesen, 17, GER David Ortega, 19, ESP Gordan Kozulj, 22, CRO Matt Allen, 21, USA Eithan Urbach, 22, ISR Chris Renaud, 22, CAN Simon Thirsk, 21, RSA Alex Lim. 19, MAS Neisser Bent, 22, CUB Brad Bridgewater, 25, USA Arunas Savickas, 24, LTU Tommy Hannan, 19, USA

Justin Ewers, 22, USA Michael Gilliam, 19, USA Josh Davis, 26, USA Brian Walters, 23, USA Matt Ulrickson, 20, USA

12	56.47	USALCAUG	Tate Blahnik, 23, USA
13	56.55	USALCAUG	Aaron Peirsol, 16, USA
14	56.68	USALCAUG	Marc Lindsay, 19, USA
15	56.69	USALCAUG	Matthew Macedo, 19, US.
16	56.71	USALCMAR	Tom Tracey, 25, USA
17	56.82	USALCAUG	Randall Bal, 18, USA
18	56.95	USALCAUG	Trevor Gray, 24, USA
19	57.00	USALCAUG	Tim Champney, 22, USA
20	57.16	USALCAUG	Braden Holloway, 19, US
20	57.16	USALCAUG	Ken Ackermann, 21, USA
22	57.20	USOPNDEC	Michael Bartz, 22, USA
23	57.22	USALCMAR	Jason Webb, 24, USA
24	57.32	USALCAUG	Beau Wiebel, 21, USA
25	57.33	USALCAUG	Steve Siler, 20, USA

200 F		ACKSTROKE	
Rec:	1:55.87	Lenny Krayze	elburg, USA, 99
1	1:55.87	PAC99AUG	Lenny Krayzelburg, 23, USA
2	1:59.08	PAC99AUG	Raymond Hass, 22, AUS
3	1:59.21	USALCAUG	Tate Blahnik, 23, USA
4	1:59.23	BRALCDEC	Rogerio Romero, 30, BRA
5	1:59.33	PAN99AUG	Leonardo Costa, 23, BRA
6	1:59.38	USALCMAR	Brad Bridgewater, 25, USA
7	1:59.46	EUR99JUL	Gordan Kozulj, 22, CRO
В	1:59.69	ITALCMAR	Emanuele Merisi, 26, ITA
9	1:59.74	EUR99JUL	Ralf Braun, 26, GER
10	1:59.75	USOPNDEC	Aaron Peirsol, 16, USA
11	1:59.98	PAC99AUG	Cameron Delaney, 18, AUS
12	2:00.14	PAC99AUG	Chris Renaud, 22, CAN
12	2:00.14	OSAKASEP	Keitaro Konnai, 21, JPN
14	2:00.16	RUSLCJUN	Sergei Ostaptchouk, 23, RUS
15	2:00.27	PAN99AUG	Dan Shevchik, 18, USA
16	2:00.32	ESPLCMAR	Jorge Sanchez, 22, ESP
17	2:00.40	USALCAUG	Trevor Gray, 24, USA
18	2:00.67	CANLCAUG	Greg Hamm, 23, CAN
19	2:00.69	EUJRJUL	Steffen Driesen, 17, GER
20	2:00.72	EUR99JUL	Yoav Gath, 18, ISR
21	2:00.80	PAC99AUG	Josh Watson, 22, AUS
22	2:00.90	USALCMAR	Josh Davis, 26, USA
23	2:00.91	EUR99JUL	Razvan Florea, 18, ROM
24	2:01.00	EUR99JUL	Mirko Mazzari, 24, ITA
25	2:01.02	CHNLCAPR	Fu Yong, 21, CHN
		Swimmers	
3	2:01.10	USALCAUG	Brian Walters, 23, USA
9	2:01.12	USALCAUG	Trevor Runberg, 23, USA

Trevor Runberg, 23, USA Raymond Hunt, 17, USA Beau Wiebel, 21, USA USALCAUG FISUJUL USAL CAUG Steve Siler, 20, USA Bryce Hunt, 16, USA USALCMAR USALCMAR Robert Brewer, 25. USA Kirk Hampleman, 19, USA Marc Lindsay, 19, USA Joey Faltraco, 18, USA Jason Webb, 24, USA Randall Bal, 18, USA USALCAUG USALCMAR USALCAUG Luke Wagner, 17, USA Trent Staley, 17, USA USALCAUG USALCAUG Charles Barnes, 23, USA Josh Weaver, 19, USA Matt Sorlien, 16, USA Peter Marshall, 17, USA

USALCAUG

YNATAUG

USAL CAUG

USALCAUG

LISAL CMAR

USALCMAR

2:01.33 2:01.52

2:01.91

2:02.37

2:02.92

2:03.01

2:03.1

2:03.58

2:03.62 2:03.65

2:04.20

2:04.43 2:04.61

2:04.70

2:04.76

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14 15

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1:02.90 1:03.50

1:03.75

1:03.96

1:03.98

1:03.99

1:04.03

1:04:04

1:04.30

1:04.33

1:04.45

1:04.46

1:04.46 1:04.48

100 N	METER BR	EASTSTROK	Œ
Rec:	1:00.60	Fred DeBurg	hgraeve, BEL, 96
1	1:00.99	PAN99AUG	Glenn Ed Moses, 19, USA
2	1:01.34	EUR99JUL	Domenico Fioravanti, 21, ITA
3	1:01.51	RUSLCJUN	Roman Sloudnov, 19, RUS
4	1:01.60		Simon Cowley, 18, AUS
	1:01.72	ZAGRAUG	Jean-C. Sarnin, 23, FRA
	1:01.80	USALCMAR	Jarrod Marrs, 23, USA
7	1:01.89	CHNLCAPR	Zeng Qiliang, 21, CHN
В	1:01.97	EUR99JUL	Mark Warnecke, 29, GER
9	1:02.08	EUJRJUL	Dimitri Komornikov, 17, RUS
	1:02.08	EUR99JUL	Stephan Perrot, 22, FRA
11	1:02.09	EUJRJUL	Rene Kolonko, 17, GER
12	1:02.11	PAN99AUG	Morgan Knabe, 18, CAN
13	1:02.19	JPNLCJUN	Akira Hayashi, 24, JPN
14	1:02.26	PAC99AUG	Regan Harrison, 20, AUS
14	1:02.26	ZAGRAUG	Zhi Yi, 21, CHN
16	1:02.32	BPESTAPR	Norbert Rozsa, 27, HUN
16	1:02.32	EUR99JUL	Jens Kruppa, 23, GER
18	1:02.33	EUR99JUL	Oleg Lisogor, 19, UKR
	1:02.37	USALCAUG	Brendan Hansen, 17, USA
20	1:02.41	USALCMAR	Kyle Salyards, 16, USA
20	1:02.41	EUR99JUL	Daniel Malek, 26, CZE
22	1:02.45	RSALCMAR	Brett Petersen, 22, RSA
22	1:02.45	NEDLCDEC	Marcel Wouda, 27, NED
24	1:02.57	JPNLCJUN	Ryosuke Imai, 21, JPN
25	1:02.59	PAC99AUG	Michael Norment, 24, USA
3	1:02.77	USALCAUG	Dave Denniston, 20, USA
7	1:02.79	PAC99AUG	Kurt Grote, 26, USA
	Rec:  Rec:	Rec: 1:00.60 1 1:00.99 1 1:00.93 2 1:01.51 4 1:01.60 5 1:01.72 6 1:01.89 8 1:01.97 8 1:02.08 9 1:02.08 9 1:02.09 112 1:02.11 13 1:02.11 14 1:02.26 14 1:02.26 14 1:02.32 16 1:02.32 16 1:02.31 19 1:02.37 20 1:02.41 22 1:02.45 22 1:02.45 22 1:02.57 25 1:02.57	1.00.99 PAN99AUG 1.01.03 PAN99AUG 2.101.34 EUR99JUL 2.101.65 RUSLCJUN 4.101.60 VSALCMAR 6.101.80 VSALCMAR 8.101.97 EUR99JUL 9.102.08 EUR99JUL 101.102.20 EUJRJUL 11.102.09 EUJRJUL 11.102.09 EUJRJUL 11.102.09 EUJRJUL 11.102.09 PAC99AUG 11.002.11 PAN99AUG 11.002.11 PAN99AUG 11.002.25 ZAGRAUG 11.002.26 ZAGRAUG 11.002.26 ZAGRAUG 11.002.26 ZAGRAUG 11.002.26 ZAGRAUG 11.002.26 ZAGRAUG 11.002.26 ZAGRAUG 11.002.27 USALCAUG 12.002.41 USALCMAR 12.002.41 USAL

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USJRWJUL

USALCAUG USALCAUG

Kurt Grote, 26, USA Steven West, 27, USA Tom Wilkens, 23, USA Jay Schindler, 22, USA USALCMAR USALCMAR Jeremy McDonnell, 19, USA Rob Henikman, 22, USA Jim Sellers, 21, USA FISUJUL USALCAUG Rob Canales, 20, USA Bobby Middleton, 21, USA Jeff Hopwood, 18, USA Jeff Hopwood, 18, USA Matt Teeter, 20, USA Patrick Calhoun, 17, USA Brad Knueven, 19, USA Jeremy Linn, 23, USA Quentin Byma, 18, USA Michael Burton, 18, USA David Taylor, 22, USA Daniel Kim, 18, USA

25 1:04.53 USALCAUG Russell Chozick, 20, USA

### 200 METER BREASTSTROKE Mike Barrowman, USA, 92 2:10.16 2:12.18 Dimitri Komornikov, 17, RUS Stephan Perrot, 22, FRA EUJRJUL EUR99JUL Yohan Bernard, 24, FRA Simon Cowley, 18, AUS Jean-C. Sarnin, 23, FRA 2:12.96 EUR99JUL 2:12.98 2:13.14 PAC99AUG ZAGRAUG 5 6 7 Glenn Ed Moses, 19, USA Ryan Mitchell, 21, AUS 2:13.41 USALCAUG 2:13.75 2:13.78 AUSLCMAR PAC99AUG 8 Regan Harrison, 20, AUS **2:13.97** 2:14.12 PAC99AUG PAC99AUG Tom Wilkens, 23, USA Terence Parkin, 19, RSA 9 10 2:14.33 Andrei Ivanov, 23, RUS Morgan Knabe, 18, CAN 11 EUR99JUI PAN99AUG USALCMAR

Kyle Salvards, 16, USA

2:15.00 EUR99JUL 2:15.03 2:15.06 CHNLCOCT GBRLCJUL 2:15.09 YOKOHAUG 2:15.19 2:15.31 PAC99AUG 19 EUR99JUL 2:15.33 2:15.34 2:15.61 RUSLCJUN PAC99AUG OSAKASEP 2:15.62 2:15.80 23 24 SEAAUG EUR99JUL 25 2:15.94 JPNI CJUN ining U.S Swimmers 2:16.07 USALCAUG PAN99AUG 2:16.26 2:16.60 PAN99AUG

USAL CAUG

2:17.15

Domenico Fioravanti, 21, ITA Zhu Yi, 22, CHN Adam Whitehead, 18, GBR Daisuke Kimura, 18, JPN Kurt Grote, 26, USA Davide Rummolo, 21, ITA Pavel Anokhin, 20, RUS Akira Hayashi, 24, JPN Yoshiaki Okita, 20 JPN Elvin Chia, 22, MAS Jose Couto, 21, POR Yoshinobu Miyazaki, 21, JPN Brendan Hansen, 17, USA

Steven West, 27, USA Mark Gangloff, 16, USA Rob Canales, 20, USA

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# World and U.S. Rankings

0	0.17.45	LISAL CALIG	Dave Denniston, 20, USA	17	2:02.21	USALCAUG	Brandon Cover, 17, USA	2	3:39.52	EUR99JUL	Netherlands, NED
9	2:17.45 2:17.49	USALCAUG	Sean Quinn, 18, USA	18	2:02.29		Paul Ely, 18, USA	3	3:40.15	EUR99JUL	Germany, GER
11	2:17.68	USALCAUG	Jeff Hopwood, 18, USA	19	2:02.49		Nate Dusing, 20, USA	4	3:40.18	PAC99AUG	Canada, CAN
12	2:18.16	USALCAUG	Ethan Hall, 20, USA	20	2:02.52		Duncan Sherrod, 19, USA	5	3:40.21 3:40.27	PAC99AUG PAN99AUG	Japan, JPN Brazil, BRA
13	2:18.30	USALCMAR	Jeff Hackler, 18, USA Barry Wynn, 25, USA	21	2:02.71 2:02.82	USALCAUG USALCAUG	Aaron Mahaney, 19, USA Carl Hessler, 18, USA	7	3:41.18	EUR99JUL	Sweden, SWE
14 15	2:18.38 2:18.82	FISUJUL USALCMAR	Jarrod Marrs, 23, USA	23	2:02.83	EVANSJUL	Tom Wilkens, 23, USA	7	3:41.18	EUR99JUL	Russia, RUS
16	2:18.88	FISUJUL	Dan Szilier, 20, USA	24	2:02.88	USALCAUG	Will Oren, 20, USA	9	3:41.52	EUR99JUL	France, FRA
17	2:19.07		Scott Werner, 20, USA	25	2:02.90	USALCAUG	Ryan Egan, 21, USA	10 11	3:41.53 3:41.65	USALCAUG	Great Britain, GBR Texas Aquatics A, USA
18	2:19.37		Daniel Kim, 18, USA	200 8	METER IND	MEDIEV		12	3:42.08	NEDLCDEC	PSV Eindhoven, NED
19	2:19.44 2:19.96		Michael Norment, 24, USA Ron Karnaugh, 32, USA	Rec:	1:58.16	Jani Sievinen	. FIN, 94	13	3:42.84	BRALCDEC	Minas TC, BRA
21	2:20.04		Kyle Vandenberghe, 20, USA	1	2:01.01	PAC99AUG	Tom Wilkens, 23, USA	14	3:42.93	BRALCJUN	Vasco da Gama, BRA
22	2:20.06	USALCAUG	Brad Knueven, 19, USA	2	2:01.31	USOPNDEC	Marcel Wouda, 27, NED	15	3:43.01 3:43.04	EUR99JUL USOPNDEC	Poland, POL Aust.Inst.Sport, AUS
23	2:20.07		Michael Bruce, 17, USA	3 4	2:01.46	EUR99JUL PAC99AUG	Massi Rosolino, 21, ITA Curtis Myden, 25, CAN	16 17	3:43.04	EUR99JUL	Italy, ITA
24 25	2:20.72		Justin Caron, 18, USA Ben Brink, 17, USA	5	2:01.86	PAC99AUG	Matthew Dunn, 25, AUS	18	3:43.51	EUR99JUL	Hungary, HUN
25	24.75		Martin Pepper, 25, USA	6	2:02.11	EUR99JUL	Jani Sievinen, 25, FIN	19	3:43.73		Irvine Nova A, USA
				7	2:02.48	EUR99JUL	Jirka Letzin, 28, GER	20	3:43.86	CANLCMAR PAN99AUG	Calgary Swimming B, CAN Cuba, CUB
	METER BU		AUG 00	8	2:02.52 2:02.54	USALCAUG	Grant McGregor, 21, AUS Joey Montague, 20, USA	21	3:44.02 3:44.18	BRALCJUN	Flamengo, BRA
Rec:	<i>51.81</i> 51.81	Michael Klim AISDEC	Michael Klim, 22, AUS	10	2:02.66	FRALCMAY	Xavier Marchand, 25, FRA	23	3:44.27	EVANSJUL	Trojan Swim Club, USA
2	52.45	PAC99AUG	Geoff Huegill, 20, AUS	11	2:02.72	EUR99JUL	Christian Keller, 26, GER	24	3:44.42	EUR99JUL	Israel, ISR
3	52.61	EUR99JUL	Lars Frolander, 25, SWE	12	2:02.86	EUR99JUL	Attila Czene, 25, HUN	25	3:44.51	FISUJUL	Australia, AUS
4	52.87	GBRLCJUL	James Hickman, 23, GBR	13 14	2:02.91		Owen Von Richter, 23, CAN Xie Xufeng, 21, CHN	5	3:45.80	USALCAUG	Curl-Burke A, USA
5	<b>52.90</b> 52.93	PAC99AUG	Bryan Jones, 20, USA Takashi Yamamoto, 21, JPN	15	2:02.99	PAC99AUG	Robert Van Der Zant, 24, AUS	6	3:46.57	USALCAUG	Hillenbrand Tucson, USA
7	53.01	PAC99AUG	Scott Miller, 24, AUS	16	2:03.11	PAC99AUG	Theo Verster, 23, RSA	7	3:46.87	USALCAUG	Bengal Tiger A, USA
8	53.04	EUR99JUL	Denis Sylantyev, 22, UKR	17	2:03.20	CHNLCOCT	Jin Hao, 20, CHN	8	3:46.90	USALCAUG	Santa Clara A, USA Auburn Univ., USA
9	53.08	FRALCMAY	Franck Esposito, 28, FRA	18	2:03.21	ZAGRAUG	Gordan Kozulj, 22, CRO Sergiy Sergeev, 29, UKR	9	3:47.11 3:48.36	USALCAUG	Texas Aquatics B, USA
10	53.33 53.35	PAN99AUG ZAGRAUG	Francisco Sanchez, 22, VEN Milos Milosevic, 27, CRO	19	2:03.28 2:03.29	PAC99AUG	Justin Norris, 19, AUS	11	3:49.02	USALCAUG	Athens Bulldog SC, USA
12	53.38	PAC99AUG	Dod Wales, 22, USA	21	2:03.33	PAC99AUG	Ron Karnaugh, 33, USA	12	3:49.98	USALCAUG	Nittany Lions, USA
13	53.40	PAN99AUG	Shamek Pietucha, 22, CAN	22	2:03.51	PAC99AUG	Terence Parkin, 19, RSA	13	3:50.03	USALCAUG	Suburban SC, USA Hillenbrand Tucson B, USA
14	53.61	RUSLCJUN	Anatoli Poliakov, 18, RUS	23	2:03.52 2:03.55	FRALCMAY USALCAUG	Lionel Moreau, 24, FRA Beau Wiebel, 21, USA	14 15	3:50.77 3:50.95	USALCAUG	Santa Clara B, USA
15 16	53.72 53.73	EUR99JUL USALCMAR	Zsolt Gaspar, 22, HUN Adam Pine, 23, AUS	<b>24</b> 25	2:03.66	CHNSEP	Ouyang Kunpeng, 16, CHN	16	3:51.46	USALCAUG	Irvine Nova B, USA
16	53.73	EUR99JUL	Christian Keller, 26, GER			Swimmers		17	3:51.64	USALCAUG	Aggie Swim, USA
18	53.86	PAC99AUG	Theo Verster, 23, RSA	5	2:03.85	USALCAUG	Josh Davis, 26, USA	18	3:51.85	USALCAUG	Little Rock, USA
18	53.86	PAC99AUG	Brock Newman, 22, USA	6	2:04.14	USALCMAR	Scott Tucker, 24, USA	19	3:51.88 3:52.58	USALCMAR USALCMAR	Univ.Maryland, USA Syracuse Univ., USA
20	53.88	EUR99JUL USOPNDEC	Vladislav Kulikov, 28, RUS Burl Reid, 21, AUS	7	2:04.38 2:04.42	USALCMAR	Tony Kurth, 18, USA Tommy Hannan, 19, USA	21	3:53.01	MVNJUN	Mission Viejo A, USA
21 22	53.89 <b>53.93</b>	USALCAUG	Nate Dusing, 20, USA	9	2:04.79	USALCAUG	Kevin Clements, 19, USA	22	3:53.15	USOPNDEC	Univ.Southern Calif., USA
23	53.95	EUR99JUL	Thomas Rupprath, 21, GER	10	2:04.82	USALCAUG	Rob Canales, 20, USA	23	3:53.19	USALCMAR	Southern California, USA
23	53.95	CHNLCOCT	Ouyang Kunpeng, 17, CHN	11	2:04.87	USALCAUG	Robert Margalis, 17, USA	24 25	3:53.51 3:53.79	USALCAUG	Mecklenburg, USA  Dynamo Swim Club, USA
25	53.96	CANLCAUG	Michael Mintenko, 23, CAN	12	2:05.21 2:05.29	USALCAUG USJRSJUL	Nate Dusing, 20, USA Malcolm Hosford, 18, USA	25	3.55.79	USALCIVIAN	Dynamo Swim Oldb, OOA
S S	54.15	USALCAUG	Martin Pepper, 25, USA	14	2:05.37	USALCAUG	Blaine Morgan, 22, USA	4X10	O METER	FREE RELAY	
6	54.20	USALCAUG	John Hargis, 24, USA	15	2:05.56	USJRSJUL	Dan Trupin, 16, USA		3:15.11	United States	
7	54.21	USALCAUG	Kevin Northup, 22, USA	16	2:06.00		Ryan Lusk, 19, USA	1	3:16.08	PAC99AUG EUR99JUL	Australia, AUS Netherlands, NED
8	54.27	FISUJUL	Matthew Pierce, 21, USA	17	2:06.09	USALCAUG	Jason Fox, 21, USA Robert Brewer, 25, USA	2 3	3:16.27 3:16.81	PAC99AUG	United States, USA
9	54.31 54.43	PAC99AUG USALCAUG	lan Crocker, 16, USA Michael Williams, 23, USA	18 19	2:06.26 2:06.35	USALCAUG	Devin Howard, 22, USA	4	3:17.18	PAN99AUG	Brazil, BRA
11	54.61	FISUJUL	John Cahoy, 22, USA	20	2:06.43	USALCAUG	Ben Anderson, 20, USA	5	3:17.65	USALCAUG	Texas Aquatics A, USA
12	54.64	USALCAUG	Tom Malchow, 22, USA	21	2:06.69	USALCAUG	Kirk Hampleman, 19, USA	6 7	3:19.49 3:20.20	EUR99JUL EUR99JUL	Russia, RUS Germany, GER
13	54.86	USALCMAR	Jeff Somensatto, 19, USA	22	2:06.78 2:06.80	USALCAUG	Michael Harrelson, 18, USA Carl Larsen, 21, USA	8	3:20.60	EUR99JUL	Italy, ITA
14 15	54.90 54.92	USALCAUG USALCAUG	Adam Messner, 20, USA Tommy Hannan, 19, USA	24	2:06.82	USALCAUG	Richard Long, 17, USA	9	3:20.73	PAC99AUG	Canada, CAN
16	55.01	USALCAUG	Michael Greene, 21, USA	24	2:06.82	USALCAUG	Randy Lam, 17, USA	10	3:21.02	EUR99JUL	Sweden, SWE
16	55.01	COLORAUG	Jeremiah Heath, 19, USA					11	3:21.40	USALCAUG	Hillenbrand Tucson, USA Great Britain, GBR
18	55.04	USALCAUG	Jayme Cramer, 16, USA			Tom Dolan.	1154 94	12	3:21.49 3:21.92	EUR99JUL BRALCDEC	Vasco da Gama, BRA
19	55.09 55.11	USALCMAR PAN99AUG	Byron Davis, 28, USA Jarod Schroeder, 25, USA	1	4:12.30 4:15.52	PAN99AUG	Curtis Myden, 25, CAN	14	3:21.93	USOPNDEC	Aust. Inst. Sport, AUS
20	55.12	USALCMAR		2	4:16.54	PAC99AUG	Matthew Dunn, 25, AUS	15	3:22.04	PAC99AUG	South Africa, RSA
22	55.18	USALCAUG	Carter Hull, 21, USA	3	4:17.12		Tom Wilkens, 23, USA	16	3:22.21	PAN99AUG	Venezuela, VEN Santa Clara A, USA
23	55.19	USALCAUG	Brendan Coyne, 19, USA	4	4:17.16 4:17.49	EUR99JUL EUR99JUL	Frederik Hviid, 24, ESP Michael Halika, 20, ISR	17 18	3:22.95 3:23.29	BRALCDEC	Flamengo, BRA
24 25	55.21 55.25	USALCAUG USALCAUG	Jason Lezak, 23, USA Jon Olsen, 30, USA	6	4:17.86	PAN99AUG	Eric Donnelly, 19, USA	19	3:23.76	FRALCMAY	Racing Club de France, FRA
25	55.25	USALCAUG	3011 013611, 30, 007	7	4:18.26	EUR99JUL	Marcel Wouda, 27, NED	20	3:23.95	NEDLCDEC	PSV Eindhoven, NED
200	METER BU	JTTERFLY		8	4:19.14	PAC99AUG	Trent Steed, 22, AUS	21	3:24.01 3:24.10	BRALCDEC EUR99JUL	Minas TC, BRA Belarus, BLR
Rec.	1:55.22		ratov, RUS, 95 Tom Malchow, 23, USA	9	4:19.52 4:19.62	PANGGALIG	Grant McGregor, 21, AUS Owen Von Richter, 24, CAN	22	3:24.17	FISUJUL	Ukraine, UKR
2	1:55.41	FRALCMAY		11	4:19.70		Robert Margalis, 17, USA	23	3:24.17	USALCAUG	Irvine Nova A, USA
3	1:57.09	JPNLCJUN	Takashi Yamamoto, 20, JPN	12	4:19.84	EUR99JUL	Alessio Boggiatto, 18, ITA	25	3:24.26	POLAUG	AZS-AWF Warsaw, POL
4	1:57.28	BRALCJUN	Denis Sylantyev, 22, UKR	13	4:20.33	EUR99JUL	Jirka Letzin, 28, GER	Rem 6	3:24.27	S. Swimmers	Texas Aquatics B, USA
5	1:57.41	GBRLCJUL	James Hickman, 23, GBR Thomas Rupprath, 21, GER	14 15	<b>4:20.42</b> 4:20.79	PAC99AUG PAC99AUG	Erik Vendt, 18, USA Terence Parkin, 19, RSA	7	3:25.26	USALCAUG	Aggie Swim, USA
6 <b>7</b>	1:57.53 1:57.68	PAC99AUG		16	4:20.89	USALCAUG	Kevin Clements, 19, USA	8	3:25.62	USOPNDEC	Trojan Swim Club, USA
8	1:57.89	EUR99JUL	Anatoli Poliakov, 18, RUS	17	4:21.58	FISUJUL	Beau Wiebel, 21, USA	9	3:26.06	USOPNDEC	Baywatch-Hawaii, USA Auburn Univ. B, USA
9		PAN99AUG	Shamek Pietucha, 22, CAN	18	4:21.65	PAN99AUG	Joey Montague, 20, USA	10	3:26.07	USALCMAR USALCAUG	Auburn Aquatics, USA
10	1:58.50	D10001110	TAPIE - TO ALIC	10	4.21.01	ECDI CMAD	Teo Edo 19 ESP	11	3:26.53		
	1:58.53	PAC99AUG	William Kirby, 23, AUS	19	4:21.91	ESPLCMAR FISUJUL	Teo Edo, 19, ESP Takahiro Mori, 19, JPN	11 12	3:26.53 3:27.38	USALCAUG	Little Rock, USA
11	1:58.53 1:58.69	PAC99AUG FISUJUL	Jeff Somensatto, 19, USA	19 20 21	4:21.91 4:22.01 4:22.16	ESPLCMAR FISUJUL OSAKASEP	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN	12 13	3:27.38 3:27.54	USALCAUG EVANSJUL	Little Rock, USA Sun Devils, USA
	1:58.53 <b>1:58.69</b> 1:58.84 1:58.85	PAC99AUG FISUJUL GBRLCJUL OSAKASEP	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN	20 21 22	4:22.01 4:22.16 4:22.18	FISUJUL OSAKASEP FISUJUL	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN	12 13 14	3:27.38 3:27.54 3:27.89	USALCAUG EVANSJUL USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA
11 12 13 14	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS	20 21 22 23	4:22.01 4:22.16 4:22.18 4:22.30	FISUJUL OSAKASEP FISUJUL EUR99JUL	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN	12 13 14 15	3:27.38 3:27.54 3:27.89 3:28.40	USALCAUG EVANSJUL USALCAUG EVANSJUL	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA
11 12 13 14 15	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:58.99	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS	20 21 22 23 24	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS	12 13 14	3:27.38 3:27.54 3:27.89	USALCAUG EVANSJUL USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA
11 12 13 14 15 16	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:58.99 1:59.11	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN	20 21 22 23 24 25	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN 5. Swimmers	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN	12 13 14 15 16 17 18	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA
11 12 13 14 15 16 17 18	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:59.11 1:59.28 1:59.29	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA	20 21 22 23 24 25 <b>Rem</b> 8	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 naining U.S	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUD JPNLCJUN S. Swimmers USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA	12 13 14 15 16 17 18 19	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG MVNJUN	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA
11 12 13 14 15 16 17 18	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:59.11 1:59.28 1:59.29 1:59.39	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Denis Pankratov, 24, RUS	20 21 22 23 24 25 <b>Ren</b> 8	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 haining U.S 4:25.04 4:26.36	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA	12 13 14 15 16 17 18 19 20	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:29.84	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA
11 12 13 14 15 16 17 18 19 20	1:58.53 1:58.69 1:58.84 1:58.98 1:58.99 1:59.11 1:59.28 1:59.29 1:59.39 1:59.40	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN FRALCMAY	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA	20 21 22 23 24 25 <b>Rem</b> 8 9	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 <b>naining U.S</b> 4:25.04 4:26.36 4:26.38	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN <b>5. Swimmers</b> USALCAUG USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA	12 13 14 15 16 17 18 19	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA
11 12 13 14 15 16 17 18	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:59.11 1:59.28 1:59.29 1:59.39	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER	20 21 22 23 24 25 <b>Rem</b> 8 9 10 11	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 <b>naining U.S</b> 4:26.34 4:26.38 4:26.38 4:26.39 4:26.43	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG USALCAUG USALCAUG USALCAUG USALCAUAR NOVAMAY	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norms, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA	12 13 14 15 16 17 18 19 20 21 21 23	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.84 3:30.15 3:30.15 3:30.24	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA
11 12 13 14 15 16 17 18 19 20 21 22 23	1:58.53 1:58.69 1:58.84 1:58.85 1:58.99 1:59.91 1:59.28 1:59.29 1:59.39 1:59.40 1:59.44 1:59.47	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 4:25.04 4:26.36 4:26.38 4:26.39 4:26.43 4:26.64 4:26.62	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG USALCAUG USALCAUG USALCAUG USALCAMAY NOVAMAY USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Karnaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA	12 13 14 15 16 17 18 19 20 21 21 23 24	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:30.15 3:30.15 3:30.24 3:30.41	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG SCSCJUN USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Manta Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA
11 12 13 14 15 16 17 18 19 20 21 22 23 24	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:58.99 1:59.28 1:59.29 1:59.40 1:59.47 1:59.47	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG GUSLCJUN	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xuleng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 <b>aining U.S</b> 4:25.04 4:26.36 4:26.38 4:26.43 4:26.43 4:26.62 4:27.29	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chais Greenwood, 16, USA Chad Carvin, 25, USA Chad Carvin, 25, USA Tim Siciliano, 19, USA Tim Siciliano, 19, USA	12 13 14 15 16 17 18 19 20 21 21 23	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.84 3:30.15 3:30.15 3:30.24	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Manta Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24	1:58.53 1:58.69 1:58.84 1:58.85 1:58.99 1:59.28 1:59.29 1:59.39 1:59.40 1:59.47 1:59.66 1:59.77	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG RUSLCJUN PAN99AUG RUSLCJUN PALCMAY PAC99AUG GERLCMAY PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13 14 15	4:22.01 4:22.16 4:22.18 4:22.69 4:22.69 4:25.04 4:26.36 4:26.39 4:26.39 4:26.43 4:26.62 4:27.29 4:27.29	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG USALCAUG USALCAUG USALCAUG USALCMAM VUSALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Klete Keller, 17, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:29.84 3:30.15 3:30.15 3:30.24 3:30.41 3:30.67	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA Bengal Tiger A, USA
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 Rer	1:58.53 1:58.69 1:58.84 1:58.85 1:58.99 1:59.11 1:59.29 1:59.39 1:59.40 1:59.44 1:59.47 1:59.66 1:59.77	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG GUSLCJUN	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13	4:22.01 4:22.16 4:22.30 4:22.69 4:22.86 <b>aining U.S</b> 4:26.36 4:26.38 4:26.39 4:26.43 4:26.43 4:27.49 4:27.48	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Klete Keller, 17, USA William Bishop, 21, USA Brendan Nelligan, 16, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 <b>4X2</b>	3:27.38 3:27.54 3:27.59 3:28.40 3:28.54 3:29.54 3:29.54 3:30.15 3:30.15 3:30.24 3:30.41 3:30.67	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG USALCAUG GCSCJUN USALCAUG AGREERELA Australia, Ar	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bring Tiger A, USA W
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 <b>Rer</b> 5 6	1:58.53 1:58.69 1:58.84 1:58.85 1:58.99 1:59.11 1:59.28 1:59.29 1:59.40 1:59.44 1:59.47 1:59.66 1:59.77 maining U.S.	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL GBRLCJUN PAC99AUG EUR9SJUL PAN99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG RUSLCJUN PAN99AUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX Devin Howard, 22, USA Matt Hooper, 25, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13 14 15 16	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 4:25.04 4:26.36 4:26.38 4:26.39 4:26.43 4:26.62 4:27.29 4:27.48 4:27.48	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Kiete Keller, 17, USA William Bishop, 21, USA Steven Brown, 20, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 <b>4X2</b> Rec:	3:27.38 3:27.54 3:27.59 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:30.15 3:30.15 3:30.24 3:30.67 00 METER 7:08.79	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG AUSALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y  VS, 99 Australia, AUS
11 12 13 14 15 16 17 18 19 20 21 22 23 24 Rer 5 6 7	1:58.53 1:58.69 1:58.84 1:58.88 1:58.98 1:58.98 1:59.29 1:59.29 1:59.39 1:59.40 1:59.47 1:59.66 1:59.77 1:59.77 1:59.77 1:59.77 1:59.82 2:00.37	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL GSAKASEP PAC99AUG AUSLCMAR PAC99AUG EUR99JUL PAN99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG GRUSLCJUN PAN99AUG S. Swimmers PAN99AUG USALCAUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christlan Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA	20 21 22 23 24 25 <b>Rem</b> 8 9 10 11 12 13 14 15 16 17 18	4:22.01 4:22.16 4:22.18 4:22.30 4:22.89 4:22.86 4:25.44 4:26.38 4:26.38 4:26.39 4:26.43 4:26.43 4:27.49 4:27.43 4:27.43 4:27.48 4:27.52 4:27.80	FISUJUL OSAKASEP FISUJUL EURB9JUL PAC99AUG JPNLCJUN SWIMMERS USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norms, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Klete Keller, 17, USA William Bishop, 21, USA Brendan Nelligan, 16, USA Steven Brown, 20, USA	12 13 14 15 16 17 18 19 20 21 23 24 25 <i>AX2</i>	3:27.38 3:27.54 3:27.89 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:30.15 3:30.15 3:30.24 3:30.67   OO METER 7:08.79 7:08.79 7:16.66	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG MVNJUN USALCAUG USALCAUG USALCAUG USALCAUG GCSCJUN USALCAUG AGREERELA Australia, Ar	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bring Tiger A, USA W
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 24 7 8	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:59.29 1:59.28 1:59.29 1:59.40 1:59.47 1:59.47 1:59.66 1:59.77 maining U.: 1:59.77 2:00.37 2:01.34 2:01.47	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG BUSLCJUN PAN99AUG GUSLCJUN PAN99AUG USALCAUG USALCAUG USALCAUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13 14 15 16	4:22.01 4:22.16 4:22.18 4:22.30 4:22.69 4:22.86 4:25.04 4:26.36 4:26.38 4:26.39 4:26.43 4:26.62 4:27.29 4:27.48 4:27.48	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. Swimmers USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Karnaugh, 32, USA Chad Carvin, 25, USA Chad Carvin, 25, USA Chad Carvin, 25, USA Siciliano, 19, USA Hilliam Bishop, 21, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Michael O'Neil, 19, USA Rob Canales, 20, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 <b>4X2</b> <i>Rec:</i> 1 2	3:27.38 3:27.59 3:28.40 3:28.54 3:28.72 3:29.15 3:29.54 3:29.84 3:30.15 3:30.24 3:30.15 3:30.24 7:08.79 7:16.66 7:19.63	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG PACP9AUG EUR9SJUL EUR9SJUL EVR9SJUL	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Manata Clara B, USA Minsion Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  V US, 99 Australia, AUS United States, USA Germany, GER Great Britain, GBR
11 12 13 14 15 16 17 18 19 20 21 22 23 24 Rer 5 6 7	1:58.53 1:58.69 1:58.84 1:58.88 1:58.98 1:58.98 1:59.29 1:59.29 1:59.39 1:59.40 1:59.47 1:59.66 1:59.77 1:59.77 1:59.77 1:59.77 1:59.82 2:00.37	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAN99AUG SELCJUN PAN99AUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX  Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA Jeff Dash, 18, USA Philippe Demers, 20, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13 14 15 16 17 18 19 20 21	4:22.01 4:22.18 4:22.30 4:22.86 4:22.86 4:22.86 4:25.04 4:25.04 4:26.36 4:26.39 4:26.43 4:26.62 4:27.48 4:27.52 4:27.80 4:27.80 4:27.80 4:27.80 4:27.80 4:27.80 4:27.80	FISUJUL OSAKASEP FISUJUL EURB9JUL PAC99AUG JPNLCJUN S. SWIMMER'S USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norms, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Kiete Keller, 17, USA William Bishop, 21, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Rob Canales, 20, USA Tony Kurth, 18, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 <b>4X2</b> <i>Rec:</i> 3	3:27.38 3:27.59 3:28.40 3:28.54 3:29.15 3:29.54 3:29.84 3:30.15 3:30.24 3:30.47 3:30.67  00 METEI 7:08.79 7:16.66 7:19.63 7:19.63 7:19.72	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG SCSCJUN USALCAUG USALCAUG EVAUGAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG PAC99AUG EUR99JUL EUR99JUL EUR99JUL EUR99JUL EUR99JUL	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Mittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y S J S J S J S J S J S J S J S J S J
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 Rei 8 9 10 11	1:58.53 1:58.69 1:58.84 1:58.85 1:58.98 1:58.98 1:59.29 1:59.29 1:59.39 1:59.44 1:59.47 1:59.47 1:59.77 1:59.82 2:00.37 2:01.34 2:01.47 2:01.50 2:01.80	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL GSAKASEP PAC99AUG AUSLCMAR EUR9SJUL PAN99AUG EUR9SJUL PAN99AUG GERLCMAY PAC99AUG GERLCMAY PAN99AUG GUSALCJUN PAN99AUG GUSALCAUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA Jeff Dash, 18, USA Philippe Demers, 20, USA Doak Finch, 21, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23 24 25 25 26 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	4:22.01 4:22.18 4:22.18 4:22.30 4:22.80 4:22.86 4:25.04 4:26.36 4:26.36 4:26.39 4:26.43 4:26.62 4:27.43 4:27.43 4:27.48 4:27.82 4:27.82 4:27.82 4:27.82 4:27.82 4:27.82 4:27.82 4:27.82	FISUJUL OSAKASEP FISUJUL EUR99JUL EUR99JUL PAC99AUG JPNLCJUN S. SWIMMERS USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Karnaugh, 32, USA Chad Carvin, 25, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Kiete Keller, 17, USA William Bishop, 21, USA Brendan Nelligan, 16, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Rob Canales, 20, USA Tony Kurth, 18, USA Randy Lam, 18, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 4 25 4 25 6	3:27.38 3:27.58 3:28.40 3:28.40 3:28.87 3:29.54 3:29.54 3:29.54 3:30.15 3:30.24 3:30.15 7:08.79 7:16.66 7:19.63 7:19.91 7:22.30 7:23.92	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG EXERPE ERLA Australia, A PAC99AUG PAC99AUG EUR99JUL PAN99AUG PAN99AUG PAN99AUG PAN99AUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Mittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ., USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y  V  Usited States, USA Germany, GER Great Britain, GBR Brazil, BRA Canada, CAN
11 12 13 14 15 16 17 18 20 21 22 23 24 <b>Rei</b> 5 6 7 8 9 10 11	1:58.53 1:58.69 1:58.84 1:58.88 1:58.98 1:58.98 1:59.29 1:59.29 1:59.39 1:59.40 1:59.47 1:59.67 1:59.77 1:59.77 2:01.34 2:01.34 2:01.47 2:01.50 2:01.80 2:01.91	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL GSAKASEP PAC99AUG AUSLCMAR EUR99JUL PAN99AUG EUR99JUL PAN99AUG GERLCMAY PAC99AUG GERLCMAY PAN99AUG GUSALCJUN PAN99AUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX  Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA Jeff Dash, 18, USA Jeff Dash, 18, USA Doak Finch, 21, USA Doak Finch, 21, USA	20 21 22 23 24 25 <b>Ren</b> 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	4:22.01 4:22.18 4:22.39 4:22.69 4:22.69 4:22.60 4:22.63 4:26.38 4:26.38 4:26.39 4:26.39 4:27.49 4:27.49 4:27.75 4:27.75 4:27.78 4:27.78 4:27.80 4:27.80 4:27.80 4:28.88	FISUJUL OSAKASEP FISUJUL EURB9JUL PAC99AUG JPNLCJUN SWIMMERS USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Normis, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Karnaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Klete Keller, 17, USA William Bishop, 21, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Michael O'Neil, 19, USA Alob Canales, 20, USA Tony Kurth, 18, USA Randy Lam, 18, USA Randy Lam, 18, USA Bryan Kim, 20, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25 <b>4X2</b> <i>Rec:</i> 3	3:27.38 3:27.59 3:28.40 3:28.54 3:29.15 3:29.54 3:29.84 3:30.15 3:30.24 3:30.47 3:30.67  00 METEI 7:08.79 7:16.66 7:19.63 7:19.63 7:19.72	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG SCSCJUN USALCAUG USALCAUG EVAUGAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG USALCAUG PAC99AUG EUR99JUL EUR99JUL EUR99JUL EUR99JUL EUR99JUL	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Mittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y USS, 99 Australia, AUS United States, USA Germany, GER Great Britain, GBR Brazil, BRA Canada, CAN Aust. Inst. Sport, AUS Japan, JPN
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 24 8 6 7 7 8 9 10 11 11 12 2 12	1:58.53 1:58.69 1:58.84 1:58.89 1:58.98 1:59.11 1:59.28 1:59.29 1:59.40 1:59.47 1:59.47 1:59.66 1:59.77 1:59.67 2:00.37 2:01.34 2:01.34 2:01.47 2:01.80 2:01.91	PAC99AUG FISUJUL GBRLCJUL GBRLCJUL GBRLCJUL GSAKASEP PAC99AUG AUSLCMAR FURSOJIUL PAN99AUG GERLCMAY PAN99AUG GERLCMAY PAN99AUG RUSLCJUN FISUS SWIMMETS PAN99AUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA Jeff Dash, 18, USA Philippe Demers, 20, USA Doak Finch, 21, USA Chris Cantwell, 19, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 11 11 21 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27 27 27 28 28 28 28 28 28 28 28 28 28 28 28 28	4:22.01 4:22.18 4:22.18 4:22.69 4:22.86 4:22.86 4:25.04 4:25.04 4:25.36 4:26.39 4:26.43 4:26.43 4:27.48 4:27.48 4:27.86 4:27.86 4:27.93 4:27.86 4:27.93 4:27.86 4:27.86 4:27.86 4:27.86 4:27.86 4:27.86 4:27.86 4:28.83 4:28.83	FISUJUL OSAKASEP FISUJUL EURB9JUL PAC99AUG JPNLCJUN SWIMMERS USALCAUG	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Klete Keller, 17, USA William Bishop, 21, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Rob Canales, 20, USA Tony Kurth, 18, USA Randy Lam, 18, USA Bryan Kim, 20, USA Tom Dolan, 24, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25  4x2 Fiec: 1 2 3 4 5 6 7 8 9	3:27.38 3:27.59 3:28.40 3:28.54 3:29.15 3:29.91 3:30.15 3:30.24 3:30.15 3:30.24 3:30.15 7:08.79 7:16.66 7:19.63 7:19.91 7:22.92 7:23.02 7:23.03	USALCAUG EVANSJUL USALCAUG PAC99AUG EUR99JUL PAN99AUG USOPNDEC PAC99AUG EUR99JUL PAN99AUG USOPNDEC PAC99AUG EUR99JUL PAC99AUG USOPNDEC PAC99AUG EUR99JUL PAN99AUG USOPNDEC PAC99AUG EUR99JUL	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y US, 99 Australia, AUS United States, USA Germany, GER Great Britain, GBB Brazil, BRA Canada, CAN Aust. Inst. Sport, AUS Japan, JPN Russia, RUS
11 12 13 14 15 16 17 18 20 21 22 23 24 <b>Rei</b> 5 6 7 8 9 10 11	1:58.53 1:58.69 1:58.84 1:58.89 1:58.98 1:59.29 1:59.28 1:59.29 1:59.40 1:59.47 1:59.66 1:59.77 1:59.67 2:01.34 2:01.47 2:01.34 2:01.80 2:01.80 2:01.92 2:01.92 2:01.95 2:01.95 2:01.995 2:01.995 2:02.15	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAC99AUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX  Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Jeff Dash, 18, USA Philippe Demers, 20, USA Doak Finch, 21, USA Carl Larsen, 21, USA William Bishop, 21, USA William Bishop, 21, USA John Carroll, 19, USA	20 21 22 23 24 25 <b>Rem</b> 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 <b>4</b> 4 25 4 4 4 4 4 5 4 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4:22.01 4:22.18 4:22.39 4:22.86 4:22.86 4:25.04 4:25.04 4:26.36 4:26.39 4:26.43 4:26.62 4:27.48 4:27.82 4:27.80 4:27.8	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. SWIMMER'S USALCAUG USOPNDEC USOPNDEC MEDLEY RE United State	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norms, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Kiete Keller, 17, USA William Bishop, 21, USA Steven Brown, 20, USA Erendan Nelligan, 16, USA Steven Brown, 20, USA Trony Kurth, 18, USA Rob Canales, 20, USA Tony Kurth, 18, USA Randy Lam, 18, USA Randy Lam, 18, USA Randy Lam, 18, USA Randy Lam, 24, USA Lava Lava Lava Lava Lava Lava Lava Lav	12 13 14 15 16 17 18 19 20 21 21 23 24 25 4 <b>4 2</b> 5 6 7 8 9 10	3:27.38 3:27.54 3:27.59 3:28.40 3:28.40 3:28.87 3:29.15 3:29.15 3:30.15 3:30.15 3:30.67  OO METEL 7:08.79 7:16.63 7:19.91 7:22.92 7:23.02 7:23.73 7:24.31 7:25.38	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG ECSCJUN USALCAUG ECSCJUN USALCAUG ECSCJUN USALCAUG ENTRE ERLA Australia. A PAC99AUG PAC99AUG PAN99AUG PAN99AUG PAN99AUG PAC99AUG EUR99JUL EUR99JUL EUR99JUL EUR99JUL EUR99JUL ERALCAUG FAC9BAUG FAC9BAUG EUR99JUL ERALCAUG EUR99JUL ERALCAUG ERRESAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Mittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y US, 99 Australia, AUS United States, USA Germany, GER Great Britain, GBR Brazil, BRA Canada, CAN Lust, Sport, AUS Japan, JPN Russia, RUS Dauphins du Toulouse, FRA
11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 24 24 27 8 9 10 11 12 13 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	1:58.53 1:58.69 1:58.84 1:58.88 1:58.98 1:58.99 1:59.29 1:59.29 1:59.39 1:59.44 1:59.47 1:59.66 1:59.77 1:59.82 2:00.37 2:01.34 2:01.47 2:01.50 2:01.91 2:01.91	PAC99AUG FISUJUL GBRLCJUL OSAKASEP PAC99AUG AUSLCMAR PAC99AUG RUSLCJUN FRALCMAY PAC99AUG GERLCMAY PAC99AUG USALCAUG	Jeff Somensatto, 19, USA Stephen Parry, 22, GBR Hisayoshi Tanaka, 20, JPN Greg Shaw, 22, AUS Scott Goodman, 25, AUS Xie Xufeng, 21, CHN Ioan Gherghel, 21, ROM Steven Brown, 20, USA Denis Pankratov, 24, RUS Yann de Fabrique, 25, FRA Justin Norris, 19, AUS Christian Keller, 26, GER Andrew Livingston, 20, PUR Alex Gorguraki, 22, RUS Juan Veloz, 16, MEX  Devin Howard, 22, USA Matt Hooper, 25, USA Andrew Mahaney, 18, USA Brett Awbrey, 21, USA Jeff Dash, 18, USA Philippe Demers, 20, USA Carl Larsen, 21, USA Carl Larsen, 21, USA Carl Larsen, 21, USA William Bishop, 21, USA	20 21 22 23 24 25 <b>Ren</b> 8 9 10 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 24 25 4 25 4 25 4 4 25 4 4 25 4 4 4 4	4:22.01 4:22.18 4:22.18 4:22.30 4:22.86 4:25.04 4:26.36 4:26.36 4:26.36 4:26.43 4:26.63 4:26.43 4:27.48 4:27.48 4:27.79 4:27.86 4:27.86 4:27.86 4:27.88 4:27.88 4:28.88 4:28.88 4:28.88 4:28.88	FISUJUL OSAKASEP FISUJUL EUR99JUL PAC99AUG JPNLCJUN S. SWIMMER'S USALCAUG USOPNDEC USOPNDEC MEDLEY RE United State	Takahiro Mori, 19, JPN Shinya Taniguchi, 17, JPN Susumu Tabuchi, 19, JPN Istvan Bathazi, 20, HUN Justin Norris, 19, AUS Tatsuya Kinugasa, 24, JPN Kirk Hampleman, 19, USA Bart Wickard, 20, USA Chris Greenwood, 16, USA Ron Kamaugh, 32, USA Chad Carvin, 25, USA Carl Larsen, 21, USA Tim Siciliano, 19, USA Kilet Keller, 17, USA William Bishop, 21, USA Brendan Nelligan, 16, USA Steven Brown, 20, USA Eric Wilson, 19, USA Michael O'Neil, 19, USA Michael O'Neil, 19, USA Rob Canales, 20, USA Tony Kurth, 18, USA Randy Lam, 18, USA Bryan Kim, 20, USA Bryan Kim, 20, USA	12 13 14 15 16 17 18 19 20 21 21 23 24 25  4x2 Fiec: 1 2 3 4 5 6 7 8 9	3:27.38 3:27.59 3:28.40 3:28.54 3:29.15 3:29.91 3:30.15 3:30.24 3:30.15 3:30.24 3:30.15 7:08.79 7:16.66 7:19.63 7:19.91 7:22.92 7:23.02 7:23.03	USALCAUG EVANSJUL USALCAUG EVANSJUL USALCAUG ECSCJUN USALCAUG ECSCJUN USALCAUG ECSCJUN USALCAUG ENTRE ERLA Australia. A PAC99AUG PAC99AUG PAN99AUG PAN99AUG PAN99AUG PAC99AUG EUR99JUL EUR99JUL EUR99JUL EUR99JUL EUR99JUL ERALCAUG FAC9BAUG FAC9BAUG EUR99JUL ERALCAUG EUR99JUL ERALCAUG ERRESAUG	Little Rock, USA Sun Devils, USA Ocean State Squid, USA Hillenbrand Tucson, USA Nittany Lions, USA Mecklenburg, USA Santa Clara B, USA Mission Viejo A, USA Minnesota Aquatic, USA Trojan Swim Club B, USA Pine Crest SC, USA Duke Univ, USA Hillenbrand Tucson B, USA Bengal Tiger A, USA  Y US, 99 Australia, AUS United States, USA Germany, GER Great Britain, GBB Brazil, BRA Canada, CAN Aust. Inst. Sport, AUS Japan, JPN Russia, RUS

12	7:28.49	FISUJUL	Ukraine, UKR	8	25.50	GBRLCJUL	Sue Rolph, 21, GBR	14	55.90
13	7:29.27	EUR99JUL	Denmark, DEN	8	25.50	PAN99AUG	Tammie Spatz, 23, USA	15	55.94
14	7:29.32	BRALCDEC	Vasco da Gama, BRA	10	25.58	JPNLCJUN	Sumika Minamoto, 20, JPN	16	55.98
15	7:29.50	EUR99JUL	Romania, ROM	11	25.68	USALCMAR	Shannon Hosack, 23, USA	17	55.99
16	7:29.92	BRALCJUN	Vasco da Gama B. BRA	11	25.68	GERLCMAY	Sandra Volker, 25, GER	18	56.01
17	7:30.11	CANLCMAR	Pacific Dolphins, CAN	11	25.68	CHNLCOCT		19	56.05
18	7:30.15	OSAKASEP	Chuo Univ., JPN	14	25.69	EUR99JUL	Anna-K. Kammerling, 18, SWE	20	56.11
19	7:30.17	NEDLCDEC	PSV Eindhoven, NED	15	25.72	EUR99JUL	Katrin Meissner, 26, GER	20	56.11
20	7:30.35	FISUJUL	Italy, ITA	16	25.74	PAC99AUG	Liesl Kolbisen, 22, USA	22	56.20
21	7:30.68	HUNLCJUN	Ferencyaros Print 17, HUN	17	25.75		Angel Martino, 32, USA	23	56.21
22	7:31.30	FISUJUL	France, FRA	18	25.78	PAN99AUG	Eileen Coparropa, 18, PAN	24	56.22
23	7:32.11	<b>EVANSJUL</b>	Hillenbrand Tucson, USA	19	25.86	CANLCMAR	Laura Nicholls, 20, CAN	25	56.23
24	7:32.25	USALCMAR	Southern California, USA	20	25.89		Katherine Taylor, 22, USA		naining
25	7:32.49	BRALCDEC	Minas TC, BRA	21	25.90	USALCAUG	Kari Woodall-Haag, 25, USA	5	56.33
Rem	naining U.S	S. Swimmers		22	25.91	EUR99JUL	Chantal Groot, 16, NED	6	56.35
5	7:33.32	USALCAUG	Mission Viejo A, USA	23	25.93	ESPLCMAR	Blanca Ceron, 25, ESP	7	56.37
6	7:36.06	USALCAUG	Trojan Swim Club, USA	24	25.94	USALCAUG		8	56.45
7	7:36.56	EVANSJUL	Sun Devils, USA	25	25.95		Simone Osygus, 30, GER	9	56.46
8	7:38.67	USALCAUG	Nittany Lions, USA	Rem		S. Swimmers	containe obygas, ou, den	10	56.65
9	7:38.89	USOPNDEC	Univ. Southern Calif., USA	12	25.99	USALCAUG	Maritza Correia, 17, USA	11	56.66
10	7:39.17	USALCAUG	Texas Aquatics B. USA	13	26.03	USOPNDEC		12	56.69
11	7:39.91	<b>EVANSJUL</b>	Santa Clara A, USA	14	26.07	USALCAUG	Jennifer Cristy, 20, USA	13	56.75
12	7:40.73	USALCAUG	Foxcatcher SC, USA	14	26.07	USALCAUG	Courtney Shealy, 21, USA	14	56.77
13	7:40.87	USALCAUG	Buenaventura A. USA	16	26.08	USALCAUG	Haley Cope, 20, USA	14	56.77
14	7:41.32	<b>EVANSJUL</b>	Trojan Swim Club, USA	17	26.15	USALCMAR	Karen Campbell, 21, USA	16	56.84
15	7:41.56	USALCAUG	Ocean State Squid, USA	18	26.16		Amanda Weir, 13, USA	17	56.88
16	7:41.98	USALCAUG	Bolles Sharks, USA	19	26.18	USALCAUG	Meghan Peart, 15, USA	18	56.89
17	7:42.11	USALCMAR	Ocean State Squid, USA	20	26.21	USALCMAR	Barbara Bedford, 26, USA	19	56.93
18	7:42.57	USALCAUG	Santa Clara B. USA	21	26.24	USALCAUG	Amber Drake, 26, USA	20	56.96
19	7:42.58	USALCAUG	Mecklenburg, USA	22	26.26	USALCAUG	Jennifer Vanker, 19, USA	21	57.04
20	7:42.95	USALCAUG	Florida Aquatics, USA	23	26.28	USALCAUG	Samantha Arsenault, 17, USA	22	57.10
21	7:43.00	USOPNDEC	Univ.of Michigan, USA	24	26.32	USALCAUG	Kim Vandenberg, 15, USA	22	57.10
22	7:44.14	USALCAUG	Shilshole Aquatic, USA	25	26.35	USJRSJUL	Christina Swindle, 14, USA	24	
23	7:44.68	USALCAUG	Pine Crest SC, USA	20	20.00	COUNSOUL	Crinstina Swirtule, 14, USA		57.11
24	7:45.09	USALCAUG	North Coast A, USA	100	METER	REESTYLE		25	57.12
25	7:45.65	SCSCJUN	Club Wolverine, USA	Rec:	54.01		N/ 04	000	
			Side Troitering, OGA	1	54.66	Le Jingyi, CH USALCAUG			METER
	****			2	54.79	NEDLCDEC	Jenny Thompson, 26, USA	Rec:	1:56.7
	W	DMEN'S	EVENTS	3	54.79	JPNLCJUN	Inge de Bruijn, 26, NED	1	1:58.1
				4	55.03	EUR99JUL	Suzu Chiba, 23, JPN	2	1:58.7
50 M	ETER FRE	ESTYLE		5	55.03	ZAGRALIG	Sue Rolph, 21, GBR	3	1:58.7

ZAGRAUG

PAC99AUG EUJRJUL

EUR99JUL

EUR99JUL JPNLCJUN

EUR99JUL

Shan Ying, 21, CHN Sandra Volker, 25, G

Sarah Ryan, 22, AUS Britta Steffen, 16, GER

Katrin Meissner, 26, GER Therese Alshammar, 21, SWE Sumika Minamoto, 20, JPN

Karen Pickering, 27, GBR

USOPNDEC Dara Torres, 32, USA

55.22 55.36

55.54

55.58

55.69

55.79

55.88

14	55.90	PAC99AUG	D-1
15	55.94	PAC99AUG	Rebecca Creedy, 16, AUS
16	55.98	EUR99JUL	Laura Nicholls, 20, CAN
17	55.99	USALCAUG	Ekaterina Kibalo, 16, RUS
18			Amy Van Dyken, 26, USA
19	56.01	USOPNDEC	Martina Moravcova, 23, SVK
20	56.05	SEAAUG	Joscelin Yeo, 20, SIN
20	56.11	CHNLCAPR	Han Xue, 17, CHN
	56.11	EUR99JUL	Natalia Baranovskaia, 20, BLI
22	56.20	PAC99AUG	Liesl Kolbisen, 22, USA
23	56.21	EUR99JUL	Alison Sheppard, 26, GBR
24	56.22	PAC99AUG	Claudia Poll, 26, CRC
25	56.23	EUJRJUL	Daniela Samulski, 15, GER
		S. Swimmers	
5	56.33	USALCAUG	Samantha Arsenault, 17, USA
6	56.35	USALCAUG	Kari Woodall-Haag, 25, USA
7	56.37	PAN99AUG	Tammie Spatz, 23, USA
8	56.45	USOPNDEC	Angel Martino, 32, USA
9	56.46	USALCAUG	Lindsay Benko, 22, USA
10	56.65	USALCAUG	Catherine Fox, 21, USA
11	56.66	USALCAUG	Maritza Correia, 17, USA
12	56.69	USALCAUG	Lindsey Farella, 20, USA
13	56.75	USALCAUG	Melanie Valerio, 30, USA
14	56.77	FISUJUL	Cassidy Maxwell, 18, USA
14	56.77	PAC99AUG	Sarah Tolar, 19, USA
16	56.84	BRALCDEC	Richelle DePold-Fox, 25, USA
17	56.88	USALCAUG	Kim Black, 21, USA
18	56.89	FISUJUL	Courtney Allen, 21, USA
19	56.93	PAN99AUG	Jennie Eberwein, 21, USA
20	56.96	USALCAUG	Colleen Lanne, 19, USA
21	57.04	EVANSJUL	Ashley Tappin, 24, USA
22	57.10	USALCMAR	Talor Bendel, 22, USA
22	57.10	INDSRJUL	Lacey Boutwell, 16, USA
24	57.11	USALCAUG	Barbara Bedford, 26, USA
25	57.12	USALCAUG	Emily Mastin, 19, USA
200	METER FE	REESTYLE	
	1:56.78		n Almsick, GER, 94
1	1:58.17	PAC99AUG	Susan O'Neill, 26, AUS
2	1:58.78	JPNLCJUN	Suzu Chiba, 23, JPN
3	1:58.79	EUR99JUL	Camelia Potec, 17, ROM

200	METER FE	REESTYLE
Rec.	1:56.78	Franziska va
1	1:58.17	PAC99AUG
2	1:58.78	JPNLCJUN
3	1:58.79	EUR99JUL
4	1:58.86	PAC99AUG
5	1:59.54	USOPNDEC
6	1:59.61	EUR99JUL
7	1:59.75	MONACJUN
8	1:59.98	BRALCDEC
9	2:00.09	EUR99JUL
10	2:00.18	EUR99JUL
11	2:00.19	USALCAUG
12	2:00.21	PAN99AUG

6. AUS JPN 17. ROM Lindsay Benko, 22, USA Martina Moravcova, 23, SVK F. van Almsick, 21, GER Mette Jacobsen, 26, DEN Nadezda Chemezova, 19, RUS Kerstin Kielgass, 29, GER Natalia Baranovskaja 20 BLB Jenny Thompson, 26, USA Jessica Deglau, 19, CAN

# TILL.

8 9 10

**50 METER FREESTYLE** 

24.51

25.29

25.47

Le Jingyi, CHN, 94 EUR99JUL Inge de Bruijn, 25, NED USALCAUG Amy Van Dyken, 26, USA

USOPNDEC Dara Torres, 32, USA EUR99JUL Therese Alshammar, 21, SWE

EUR99JUL Alison Sheppard, 26, GBR MONACJUN Jenny Thompson, 26, USA Courtney Allen, 21, USA



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# Would and U.S. Rankings

1	<b>/Y</b> 0	ria	and U.S	).
13	2:00.30	PAC99AUG	Claudia Poli, 26, CRC	Re
14	2:00.43	PAC99AUG	Cristina Teuscher, 21, USA	8
15	2:00.46	PAC99AUG	Ellen Stonebraker, 20, USA	9 10
16 17	2:00.50 2:00.59	EUJRJUL EUR99JUL	Britta Steffen, 16, GER Silvia Szalai, 23, GER	11
18	2:00.60	PAC99AUG	Giaan Rooney, 16, AUS	12
19	2:00.62	GBRLCJUL	Karen Pickering, 27, GBR	13
20	2:01.11	PAN99AUG	Janelle Atkinson, 16, JAM	14
20	2:01.11	BRISBJUL	Sarah-J. D'Arcy, 22, AUS	15
20	2:01.11	CHNLCOCT	Tan Caini, 17, CHN	16
23	2:01.14	PAC99AUG	Sarah Tolar, 19, USA	17
24	2:01.20	EUR99JUL	Solenne Figues, 20, FRA	18
25	2:01.21	PAC99AUG	Rebecca Creedy, 16, AUS	19 20
6	2:01.33	PAC99AUG	Samantha Arsenault, 17, USA	21
7	2:01.48	PAN99AUG	Carly Geehr, 14, USA	22
8	2:02.02	USALCMAR	Kim Black, 20, USA	23
9	2:02.07	PAC99AUG	Kari Woodall-Haag, 25, USA	24
10	2:02.28	USALCAUG	Julie Hardt, 17, USA	25
11	2:02.56	CANBRMAY	Diana Munz, 16, USA	
12	2:02.61	USALCAUG	Nicole Duggan, 19, USA	150
13	2:02.62	USALCAUG	Emily Mastin, 19, USA	Red
14	2:02.74	USALCAUG	Sylvia Bereknyei, 18, USA	1 2
15 16	2:02.85 2:02.91	USOPNDEC USALCMAR	Brooke Bennett, 19, USA Rada Owen, 20, USA	3
17	2:02.95	USALCMAR	Talor Bendel, 22, USA	4
18	2:03.02	USOPNDEC	Dara Torres, 32, USA	5
19	2:03.13	USALCAUG	Megan Melgaard, 20, USA	6
20	2:03.14	PAN99AUG	Julia Stowers, 17, USA	7
20	2:03.14	USALCAUG	Becky Wilson, 18, USA	8
22	2:03.22	INDSRJUL	Lacey Boutwell, 16, USA	9
23	2:03.27	USALCAUG	Melanie Valerio, 30, USA	10
24	2:03.31	USALCAUG	Jennifer Parmenter, 18, USA	11
25	2:03.34	USALCAUG	Rachel Komisarz, 22, USA	12 13
400	METED EI	REESTYLE		14
Rec:	4:03.85	Janet Evans,	USA. 88	15
1	4:08.09	EUR99JUL	Camelia Potec, 17, ROM	16
2	4:08.39	PAC99AUG	Brooke Bennett, 19, USA	17
3	4:08.57	EUR99JUL	Kerstin Kielgass, 29, GER	18
4	4:08.75	PAC99AUG	Lindsay Benko, 22, USA	19
5	4:10.11	EUR99JUL	Jana Klochkova, 16, UKR	20
6	4:10.67	USALCMAR	Diana Munz, 16, USA	21 22
7	4:10.74	PAN99AUG	Kaitlin Sandeno, 16, USA Janelle Atkinson, 16, JAM	23
8	4:10.83 <b>4:10.83</b>	PAN99AUG P <b>AC99AUG</b>	Ellen Stonebraker, 20, USA	23
10	4:10.90	EUR99JUL	Kirsten Vlieghuis, 23, NED	25
11	4:11.54	PAC99AUG	Claudia Poll, 26, CRC	Re
12	4:12.37	MONACJUN	Chen Hua, 16, CHN	20
13	4:12.52	GERLCMAY	Hannah Stockbauer, 16, GER	21
14	4:12.58	EUR99JUL	Carla Geurts, 28, NED	22
15	4:12.64	PAN99AUG	Joanne Malar, 23, CAN	23
16	4:12.83	USOPNDEC	Susan O'Neill, 26, AUS	24
17	4:13.01	CANETJUN	Nadezda Chemezova, 18, RUS	. 25
18 19	4:13.03 4:13.47	USALCAUG	Julie Hardt, 17, USA Becky Wilson, 18, USA	10
20	4:13.47 4:13.49	JPNLCJUN	Sachiko Yamada, 16, JPN	Re
21	4:13.43	CHNLCAPR	Qin Caini, 20, CHN	1
22	4:13.67	PAC99AUG	Cristina Teuscher, 21, USA	2
23	4:13.93	ZAJACMAY	Suzu Chiba, 23, JPN	3
24	4:14.14	FISUJUL	Hana Cerna, 25, CZE	4
25	4:14.17	NSWFEB	Sarah-J. D'Arcy, 21, AUS	5

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4:03.85	Janet Evans,	USA, 88
4:08.09	EUR99JUL	Camelia Potec, 17, ROM
4:08.39	PAC99AUG	Brooke Bennett, 19, USA
4:08.57	EUR99JUL	Kerstin Kielgass, 29, GER
4:08.75	PAC99AUG	Lindsay Benko, 22, USA
4:10.11	EUR99JUL	Jana Klochkova, 16, UKR
4:10.67	USALCMAR	Diana Munz, 16, USA
4:10.74	PAN99AUG	Kaitlin Sandeno, 16, USA
4:10.83	PAN99AUG	Janelle Atkinson, 16, JAM
4:10.83	PAC99AUG	Ellen Stonebraker, 20, USA
4:10.90	EUR99JUL	Kirsten Vlieghuis, 23, NED
4:11.54	PAC99AUG	Claudia Poli, 26, CRC
4:12.37	MONACJUN	Chen Hua, 16, CHN
4:12.52	GERLCMAY	Hannah Stockbauer, 16, GEF
4:12.58	EUR99JUL	Carla Geurts, 28, NED
4:12.64	PAN99AUG	Joanne Malar, 23, CAN
4:12.83	USOPNDEC	Susan O'Neill, 26, AUS
4:13.01	CANETJUN	Nadezda Chemezova, 18, RU
4:13.03	USALCAUG	Julie Hardt, 17, USA
4:13.47	USALCAUG	Becky Wilson, 18, USA
4:13.49	JPNLCJUN	Sachiko Yamada, 16, JPN
4:13.51	CHNLCAPR	Qin Caini, 20, CHN
4:13.67	PAC99AUG	Cristina Teuscher, 21, USA
4:13.93	ZAJACMAY	Suzu Chiba, 23, JPN
4:14.14	FISUJUL	Hana Cerna, 25, CZE
4:14.17	NSWFEB	Sarah-J. D'Arcy, 21, AUS

Rem	aining U.S	. Swimmers
9	4:15.10	PAC99AUG
10	4:15.52	USALCAUG
11	4:16.70	USALCAUG
12	4:16.75	USALCAUG
13	4:16.76	USALCAUG
14	4:17.10	USALCMAR
15	4:17.30	FISUJUL
16	4:17.37	USALCAUG
17	4:17.46	USALCMAR
18	4:17.80	USALCMAR
19	4:17.94	USALCAUG
20	4:18.08	PAC99AUG
21	4:18.15	LTCUPAPR
22	4:18.25	USALCMAR
23	4:18.34	FISUJUL
24	4:18.38	USALÇAUG
25	4:18.50	USALCAUG

Julia Stowers, 17, USA Megan Melgaard, 20, USA Nicole Bernard, 17, USA Katie Zimbone, 19, USA Caroline Burns, 15, USA Madeleine Crippen, 18, USA Samantha Arsenault, 17, USA Dawn Heckman, 22, USA Molly Freedman, 18, USA Julie Varozza, 21, USA Kim Black, 20, USA Jessica Foschi, 18, USA Rachel Komisarz, 22, USA Brianna Loecher, 16, USA

Melissa Deary, 16, USA Carly Geehr, 14, USA Kalyn Keller, 14, USA

### 800 METER FREESTYLE

,,,,,			
Rec:	8:16.22	Janet Evans,	US
l	8:25.06	PAC99AUG	Br
2	8:31.20	SUILCAUG	Fla
3	8:32.83	USOPNDEC	Sa
1	8:33.03	USALCMAR	Dia
5	8:33.79	EUR99JUL	Ha
3	8:34.65	PAN99AUG	Ka
7	8:35.19	EUR99JUL	Kir
3	8:35.60	USOPNDEC	Ja
9	8:36.51	CHNLCOCT	Zh
10	8:37.06	EUR99JUL	Ja
11	8:37.16	USOPNDEC	Cla
12	8:37.23	PAC99AUG	Ra
13	8:38.32	EVANSJUL	Jo
14	8:38.68	USALCAUG	Cr
15	8:39.00	BARCJUN	Ch
16	8:39.93	GBRLCDEC	Re
17	8:39.95	AUSLCMAR	Dε
18	8:40.39	PAC99AUG	Εľ
19	8:40.53	EUJRJUL	Κc
20	8:40.59	EUR99JUL	Ca
21	8:40.94	AUSLCMAR	Ch
22	8:40.96	CHNSEP	He
23	8:41.06	USALCAUG	В
24	8:41.38	GBRGPMAY	Ca
25	8:41.71	USALCAUG	Ma

rooke Bennett, 19, USA avia Rigamonti, 17, SUI achiko Yamada, 17, JPN iana Munz, 16, USA annah Stockbauer, 16, GER aitlin Sandeno, 16, USA artin Sandeno, 16, USA irsten Vlieghuis, 23, NED anelle Atkinson, 16, JAM hang Yan, 14, CHN ana Henke, 25, GER laudia Poll, 26, CRC achel Harris, 20, AUS panne Malar, 23, CAN ristina Teuscher, 21, USA hen Hua, 16, CHN ebecca Cooke, 16, GBR anielle Woods, 18, AUS Ilen Stonebraker, 20, USA ornelia Kovacs, 14, HUN arla Geurts, 28, NED nariene Benzie, 17, AUS e Qian, 17, CHN ecky Wilson, 18, USA aroline Smart, 18, GBR ladeleine Crippen, 19, USA maining U.S. Swimmers USALCMAR 8:42.14 USALCAUG 8:42.62 FISUJUL PAC99AUG 8:43.16 8:43.88 8:45.08 USOPNDEC EVANSJUL USALCMAR 8:45.34 8:46.65 USALCAUG 8:46.83 FISUJUL 8:47.20 8:48.15 USALCALIG PAN99AUG 8:48 16 USAL CAUG. 8:48.62 8:48.70 USJBSJUL USALCAUG 8:49 11 USAL CAUG 8:49.75 EVANSJUL USALCMAR 8:49.78

Jamie Tannhauser, 14, USA Julie Hardt, 17, USA Cara Lane, 18, USA Cara Lane, 18, USA Melissa Deary, 16, USA Kalyn Keller, 14, USA Lindsay Benko, 22, USA Jamie Cail, 18, USA Rachel Komisarz, 22, USA Julie Varozza, 22, USA Caroline Burns, 16, USA Alexis Binder, 19, USA Dawn Heckman, 22, USA Rachel Burke, 15, USA Vicky West, 17, USA Erica Rose, 17, USA Carly Geehr, 14, USA Nicole Bernard, 17, USA USAL CAUG Amy Baly, 16, USA

### 00 METER FREESTYLE

8:50.24

1500	MEIEN FI		
Rec:	15:52.10	Janet Evans,	
1	16:14. <b>7</b> 7	USALCAUG	Brooke Bennett, 19, USA
2	16:17.96	USALCMAR	Diana Munz, 16, USA
3	16:21.33	USALCAUG	Kaitlin Sandeno, 16, USA
4	16:28.49	SUILCMAR	Flavia Rigamonti, 17, SUI
5	16:31.53	SCSCJUN	Janelle Atkinson, 16, JAM
6	16:32.04	FISUJUL	Cara Lane, 18, USA
7	16:32.92	FISUJUL	Julie Varozza, 22, USA
8	16:33.16	USALCAUG	Kalyn Keller, 14, USA
9	16:35.56	FISUJUL	Hana Cerna, 25, CZE
10	16:37.75	USALCAUG	Becky Wilson, 18, USA
11	16:40.51	USALCMAR	Julie Hardt, 17, USA
12	16:42.02	USALCAUG	M. Dyszkiewicz, 17, POL
13	16:42.14	USALCAUG	Jenny Lees, 16, USA
14	16:42.72	USALCAUG	Carly Geehr, 14, USA
15	16:42.80	USALCAUG	Rachel Komisarz, 22, USA
16	16:42.91	USALCAUG	Alexis Binder, 19, USA
17	16:45.27	USALCMAR	Nicole Bernard, 17, USA
18	16:45.49	USALCMAR	Erica Rose, 16, USA
19	16:48.42	USALCAUG	Rachel Burke, 15, USA
20	16:48.52	FISUJUL	Jana Pechanova, 17, CZE
21	16:48.63	USALCMAR	Meredith Green, 16, USA
22	16:49.47	EVANSJUL	Katie Zimbone, 19, USA
23	16:49.84	SCSCJUN	Tamee Ebert, 16, CAN
23	16:49.84	SCSCJUN	Melissa Deary, 16, USA
25	16:49.85	USALCAUG	Vicky West, 17, USA
Rema	aining U.S	. Swimmers	
20	16:50.46	USALCAUG	Lyndsay Devaney, 18, USA
21	16:51.36	USJRWJUL	Annie Stein, 14, USA
22	16:52.63	LIACJUL	Madeleine Crippen, 19, US.
~ ~	10.50.10	LIGALOALIO	Onceller Divers 45 LICA

Lyndsay Devaney, 18, USA Annie Stein, 14, USA Madeleine Crippen, 19, USA Caroline Burns, 15, USA Suzanne Black, 21, USA Ellen Stonebraker, 19, USA

### 0 METER BACKSTROKE

USALCAUG

CHARLJUN

16:52.63 16:53.43

16:53.69

16:53.87

100	MEIENDA	CKSINOKE	
Rec:	1:00.16	He Cihong, C	HN
1	1:01.06	FISUJUL	No
2	1:01.07	JPNLCJUN	Ma
3	1:01.39	EUR99JUL	Sa
4	1:01.51	PAC99AUG	Dy
5	1:01.53	PAC99AUG	Ba
6	1:01.62	MONACJUN	Nit
7	1:01.76	CHNSEP	Ch
8	1:01.85	PAN99AUG	De
9	1:02.04	JPNLCJUN	Mi
9	1:02.04	USALCAUG	L.
11	1:02.14	PAN99AUG	Ke
12	1:02.16	GBRLCDEC	Ka
13	1:02.17	JPNLCJUN	То
14	1:02.41	PAC99AUG	Er
15	1:02.42	GERLCMAY	Αг
16	1:02.47	EUR99JUL	Ro
17	1:02.48	USALCMAR	Mi
17	1:02.48	PAN99AUG	Вє
19	1:02.52	USALCAUG	Ca
20	1:02.65	JPNLCJUN	Se
21	1:02.69	CHNLCOCT	Zh
22	1:02.84	EYODJUL	Lo
23	1:02.91	AUSLCMAR	Gi
24	1:02.93	EUR99JUL	Me
25	1:02.95	JPNLCJUN	Ay
Rem	aining U.S	6. Swimmers	
7	1:03.04	USALCAUG	Ha
8	1:03.32	USALCAUG	Co
9	1:03.42	USALCMAR	Ja
10	1:03.44	USALCAUG	Lit
11	1:03.50	LISALCALIG	R

aley Cope, 20, USA USALCMAR USALCAUG USALCAUG PAC99AUG USALCAUG USALCAUG USALCAUG SCSCJUN FISUJUL USALCMAR USALCMAR USALCAUG CANLCAUG FASTMAY USALCAUG

oriko Inada, 20. JPN lai Nakamura, 19. JPN andra Volker, 25, GER vana Calub, 23, AUS arbara Bedford, 26, USA arpara Bedford, 26, USA ina Zhivanevskaya, 21, ESP heng Jiaru, 13, CHN enali Knapp, 21, USA liki Nakao, 20, JPN Loveless-Maurer, 28, USA elly Stefanyshyn, 17, CAN elly Stefanyshyn, 17, CAN aty Sexton, 17, GBR omoko Hagiwara, 18, JPN rin Gammel, 19, CAN irin Gammel. 19. CAN
intje Buschschulte, 20. GER
loxana Maracineanu, 24. FRA
listy Hyman, 20. USA
leth Botsford, 18, USA
latherine Fox, 21, USA
latherine Fox, 21, USA eiko Kobayashi, 15, JPN han Shu, 14, CHN ouise Ornsledt, 14, DEN iiaan Rooney, 16, AUS letka Sparavec, 20, SLO ya Terakawa, 15, JPN

Courtney Shealy, 21, USA Jamie Reid, 15, USA Linda Riker, 22, USA Rachel Joseph. 22, USA Lia Oberstar, 22, USA Christine Keller, 18, USA Jennifer Crisman, 20, USA Jennifer Crisman. 20, USA Paige Francis. 21, USA Natalle Coughlin. 16, USA Sarabeth Schweitzer. 20, USA Shea Fitzgerald. 17, USA Shelly Riople. 18, USA Samantha Arsenault. 17, USA Suzy Catterson. 20, USA Amanda Adkins. 22, USA Kim Bargan. 16, USA Kim Bercen, 16. USA Lindsay Benko, 22. USA Bethany Lindberg, 18, USA

USALCAUG

1:03.50

1:03.54 1:03.65

1:03.73

1:03.75 1:04.06

1:04.08 1:04.13 1:04.13

1:04.15 1:04.15

1:04.21

1:04.41

16 17

18

200 1	MEIEK B/	CKSIHOKE
Rec:	2:06.62	Krisztina Ege
1	2:10.32	FISUJUL
2	2:11.19	OSAKASEP
3	2:11.94	EUR99JUL
4	2:12.09	JPNLCJUN

*rszegi, HUN. 91* Miki Nakao, 21. JPN Tomoko Hagiwara, 19. JPN Roxana Maracineanu, 24. FRA Mai Nakamura, 19. JPN

5	2:12.25	USALCAUG	Lindsay Benko, 22, USA	-	4	1:08.56	PAC99AUG	Kristy Kowal, 20, USA	1	3	2:25.90	PAC99AUG	Sarah Poewe, 16, RSA
6	2:12.31	MORIOAUG	Yoshiko Saito, 16, JPN		5	1:08.86	JPNLCJUN	Masami Tanaka, 20, JPN		4	2:26.51	CHNSEP	Qi Hui, 20, CHN
7	2:12.39	JPNLCJUN	Noriko Inada, 20, JPN		6	1:08.88	ZAGRAUG	Svitlana Bondarenko, 28, UKR		5	2:27.12	EUR99JUL	Agnes Kovacs, 18, HUN
8	2:12.48	PAN99AUG	Denali Knapp, 21, USA		7	1:09.13	PAC99AUG	Samantha Riley, 26, AUS		6	2:27.69	JPNLCJUN	Masami Tanaka, 20, JPN
9	2:12.61	YOKOHAUG	Reiko Nakamura, 17, JPN		8	1:09.15	ZAGRAUG	Qi Hui, 20, CHN		7	2:27.80	EUR99JUL	B. Coada-Caslaru, 23, ROM
10	2:12.83	CHNSEP	Cheng Jiaru, 13, CHN		9	1:09.16	PAN99AUG	Staciana Stitts, 17, USA		8	2:28.28	JPNLCJUN	Fumiko Kawanabe, 14, JPN
11	2:12.85	JPNLCJUN	Seiko Kobayashi, 15, JPN		10	1:09.30	PAC99AUG	Sarah Poewe, 16, RSA		9	2:28.37	JPNLCJUN	Ayumi Shirata, 16, JPN
12	2:12.95	PAN99AUG	Beth Botsford, 18, USA		11	1:09.54	FISUJUL	Amy Balcerzak, 21, USA		10	2:28.47	PAC99AUG	Samantha Riley, 26, AUS
13	2:13.23	FISUJUL	Linda Riker, 22, USA		12	1:09.59	AUSLCMAR		1	11	2:28.93	EUR99JUL	Alicia Peczak, 29, POL
14	2:13.24	PAN99AUG	Kelly Stefanyshyn, 17, CAN		13	1:09.61	USOPNDEC	Rebecca Brown, 22, AUS	İ	12	2:29.06	JPNLCJUN	Junko Isoda, 18, JPN
15	2:13.29	GBRLCJUL	Helen Don-Duncan, 18, GBR		14	1:09.65	PAN99AUG	Kristen Woodring, 16, USA	-	13	2:29.22	INCHNAUG	Min-Jung Seo, 14, KOR
16	2:13.33	EUR99JUL	Yulia Fomenko, 17, RUS		15	1:09.74	EUR99JUL	Alicia Peczak, 29, POL		14	2:29.24	AUSLCMAR	Caroline Hildreth, 21, AUS
16	2:13.33	EUR99JUL	Cathleen Rund, 21, GER		16	1:09.87	CHNLCOCT	Li Wei, 20, CHN		15	2:29.51	OSAKASEP	Yuko Sakaguchi, 20, JPN
18	2:13.35	USALCAUG	L. Loveless-Maurer, 28, USA		17	1:09.91	PAC99AUG	Tarnee White, 16, AUS		16	2:29.73	USALCMAR	Madeleine Crippen, 18, USA
19	2:13.67	USALCAUG	Barbara Bedford, 26, USA		18	1:09.97	JPNLCJUN	Fumiko Kawanabe, 14, JPN		17	2:29.93	AISDEC	Rebecca Brown, 22, AUS
20	2:13.78	KORLCOCT	Soo-Min Choi, 18, KOR		19	1:10.06	PAN99AUG	Lauren van Oosten, 20, CAN		18	2:29.96	PAC99AUG	Jenna Street, 17, USA
21	2:13.89	JPNLC <b>J</b> UN	Reona Nogami, 18, JPN		20	1:10.11		Silvia Pulfrich, 20, GER		19	2:30.11	USALCAUG	Kristen Caverly, 14, USA
22	2:14.00	GERLCMAY	Antie Buschschulte, 20, GER		21	1:10.12	USOPNDEC			20	2:30.36	PAN99AUG	Lauren van Oosten, 20, CAN
23	2:14.23	GBRLCJUL	Katy Sexton, 17, GBR		22	1:10.21	MORIOAUG			21	2:30.53	PAN99AUG	A. McReynolds, 21, USA
24	2:14.34	USOPNDEC	Clementine Stoney, 17, AUS		23	1:10.23	FISUJUL	Amanda Beard, 17, USA	i	22	2:30.60	ESPLCMAR	Lourdes Becerra, 25, ESP
25	2:14.35	PAC99AUG	Danielle Lewis, 18, AUS		23	1:10.23	EUR99JUL	Brigitte Becue, 26, BEL	-	23	2:30.63	EYODJUL	Olga Bakaldina, 14, RUS
		. Swimmers			25	1:10.32	CHNLCOCT	Xu Shan, 17, CHN		24	2:30.70	RUSLCJUN	E. Kormacheva, 16, RUS
7	2:14.47	USALCMAR	Jamie Reid, 15, USA				. Swimmers	ria orian, m, orine	-	25	2:31.21		Amanda Beard, 17, USA
8	2:14.49		Rachel Joseph, 22, USA		7	1:10.34	USALCAUG	Tara Kirk, 17, USA	1			. Swimmers	Amanda Beard, 17, 03A
9	2:15.45	FISUJUL	Amanda Adkins, 22, USA		8	1:10.45	USALCAUG	Kristin MacGregor, 19, USA		7	2:31.29	USALCAUG	Laura Davis, 15, USA
10	2:15.56	EVANSJUL	Misty Hyman, 20, USA		9	1:10.88	USOPNDEC			8	2:32.10	FISUJUL	Amy Balcerzak, 21, USA
11	2:15.79		Alice Henriques, 18, USA		10	1:11.25	PAC99AUG	Jenna Street, 17, USA		9	2:32.36	USOPNDEC	Megan Quann, 15, USA
12	2:15.86	USALCAUG	Shauna Barnard, 16, USA		11	1:11.27	PAC99AUG	Ashley Roby, 18, USA		10	2:32.50	USALCAUG	Anita Nall, 23, USA
13	2:16.44	ZAJACMAY	Lia Oberstar, 22, USA		12	1:11.62	USALCAUG	Laura Davis, 15, USA		11	2:32.51	MVNJUN	Kaitlin Sandeno, 16, USA
14	2:16.58	USALCAUG	Kyoko Yokouchi, 16, USA		13	1:11.67	USALCAUG	Kristen Caverly, 14, USA		12	2:32.65	USOPNDEC	Katie McClelland, 22, USA
15	2:16.67		Shandra Johnson, 19, USA		14	1:11.79	USALCAUG	K. Quance-Julian, 24, USA		13	2:32.85	PAN99AUG	Katie Yevak, 16, USA
16	2:16.70	USALCMAR	Jennifer Hommert, 21, USA	- 1	15	1:11.93	USALCAUG	Brielle Bovee, 17, USA	1	14	2:32.92	USALCAUG	Katie Simmons, 18, USA
17	2:16.85	USALCMAR	Natalie Coughlin, 16, USA	i	16	1:12.05	USALCMAR	Ashley Daly, 14, USA	1	15	2:33.29	USOPNDEC	Staciana Stitts, 18, USA
17	2:16.85		Marie Labosky, 17, USA		16	1:12.05	INDSRJUL	Katie Simmons, 17, USA	İ	16	2:34.24	SCSCJUN	Leah Monroe, 15, USA
19	2:16.90	USALCAUG	Susannah Sample, 18, USA	- 1	18	1:12.09	USALCAUG	Erin Eldridge, 21, USA		17	2:34.51	USALCMAR	Courtney Ellis, 17, USA
20	2:16.91	USALCAUG	Paige Francis, 21, USA		19	1:12.20	USALCAUG	Katie Yevak, 16, USA		18	2:34.52	USALCMAR	Marisa Wong, 16, USA
21	2:16.98		Shelly Ripple, 18, USA		20	1:12.21	USALCAUG	Anita Nall, 23, USA		19	2:34.53	USALCMAR	Alisa Schuknecht, 16, USA
22	2:17.09	USQPNDEC	Jessica Hayes, 16, USA		21	1:12.22	USALCAUG	Rebecca Acker, 17, USA		20	2:34.92	EVANSJUL	K. Quance-Julian, 24, USA
23	2:17.14	USALCAUG	Chelsea Hastings, 15, USA		22	1:12.33	USALCAUG	Annie Babicz, 13, USA		21	2:35.17	USALCAUG	Tara Kirk, 17, USA
24	2:17.20	USALCMAR	Kim Scarborough, 15, USA		23	1:12.48	USALCMAR	Lindsey Ertter, 16, USA		22	2:35.18	USALCMAR	Ashley Daly, 14, USA
25	2:17.39	USALCAUG	Corey Berg, 14, USA		24	1:12.50	USALCAUG	Anne Mantey, 15, USA		23	2:35.33	USOPNDEC	Katie Hathaway, 20, USA
_			,9,,		25	1:12.57	USALCAUG	Katie Hathaway, 19, USA		24	2:35.48	USALCAUG	Sarah Chandler, 17, USA
100	METER BR	EASTSTROK	E				0011201100	Trans Transavay, 10, 0071		25	2:35.77		Kristen Woodring, 16, USA
Rec:	1:06.52	Penelope He	yns, RSA, 99	1	200	METER BR	EASTSTROK	E			2.00.77	COMEDITION	Misteri Wooding, 10, OOA
1	1:06.52	PAC99AUG	Penelope Heyns, 24, RSA	1	Rec:	2:23.64	Penelope He		i	100	METER BL	ITTERFLY	
2	1:07.94		Megan Quann, 15, USA	-	1	2:23.64	PAC99AUG	Penelope Hevns, 24, RSA	i	Rec:	57.88		son, USA, 99
3	1:08.42		Agnes Kovacs, 17, HUN		2	2:25.52	PAC99AUG	Kristy Kowal, 20, USA	İ	1	57.88		Jenny Thompson, 26, USA

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Ciris Ages 2 A

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# World and U.S. Rankings

	50.40	EUR99JUL	Inge de Bruijn, 25, NED	15	2:15.76	PAC99AUG	Marianne Limpert, 26, CAN	14			California Aquatics, USA
2 3	58.49 58.89	USALCMAR	Misty Hyman, 20, USA	16	2:15.79	CHNSEP	Ning Bo, 16, CHN	15	4:19.66 4:19.70		Univ. California B, USA Athens BulldogSC, USA
4	58.93	SWELCJUL	Johanna Sjoberg, 21, SWE	17	2:16.06		Gabrielle Rose, 21, USA K. Quance-Julian, 24, USA	16 17	4:19.73	USOPNDEC	Puyallup Aquatic, USA
5	59.07	PAC99AUG	Susan O'Neill, 26, AUS Liu Limin, 23, CHN	<b>17</b> 19	2:16.06 2:16.09		Hee-Yeon Cho, 16, KOR	18	4:20.02		Bolles Sharks, USA
6	59.15 59.58	PAC99AUG	Ayari Aoyama, 17, JPN	20	2:16.28	GERLCMAY	Annika Mehlhorn, 15, GER	19	4:20.14 4:20.63		Irvine Nova B, USA Arizona State A, USA
8	59.70	PAN99AUG	Karen Campbell, 22, USA	21	2:16.29 2:16.55		Jenny Thompson, 26, USA Laura Davis, 14, USA	21	4:21.25	USALCMAR	Irvine Nova B, USA
9	59.85	AUSLCMAR JPNLCJUN	Petria Thomas, 23, AUS Maki Mita, 16, JPN	23	2:16.61	USALCAUG	Michala Kwasny, 18, USA	22	4:21.45		Foxcatcher SC, USA
10	1:00.01	EUR99JUL	Diana Mocanu, 15, ROM	24	2:16.68		Natalie Coughlin, 16, USA	23 24	4:21.75 4:22.07		Terrapins, USA Bolles Sharks, USA
12	1:00.03	<b>JPNLCJUN</b>	Junko Onishi, 25, JPN	25	2:16.69	CHNLCOCT	Liang Shuang, 16, CHN	25	4:22.51	USALCMAR	Penn State Univ., USA
13 14	1:00.12 1:00.17	PAC99AUG	Otilia Jedrzejczak, 16, POL Richelle DePold-Fox, 25, USA	Rem	aining U.S.	Swimmers				DEE DELAY	
15	1:00.27	EUR99JUL	Mette Jacobsen, 26, DEN	10	2:16.75	USALCMAR	Katie Yevak, 16, USA Tami Ransom, 16, USA		3:37.91	China, CHN, S	94
16	1:00.31	CHNSEP EUR99JUL	Ruan Yi, 18, CHN E. Vinogradova, 19, RUS	11	2:17.42 2:18.13	USALCAUG	Lindsay Benko, 22, USA	1	3:40.87	EUR99JUL	Germany, GER
17 18	1:00.33	CHNLCAPR	Pang Ran, 17, CHN	13	2:18.29	USALCAUG	Kristen Caverly, 14, USA	2	<b>3:41.86</b> 3:42.69		United States, USA Australia, AUS
19	1:00.37	HUNLCJUN	Orsolya Ferenczy, 14, HUN	14	2:18.45 2:18.53	USALCAUG FISUJUL	Natalie Griffith, 17, USA Cassidy Maxwell, 18, USA	3	3:43.07		Sweden, SWE
20	1:00.44	SEAAUG FISUJUL	Joscelin Yeo, 20, SIN Tomoko Hagiwara, 19, JPN	15 16	2:18.71	USALCAUG	Jennifer Parmenter, 18, USA	5	3:43.55		Great Britain, GBR
21	1:00.47 1:00.48	PAC99AUG	Jessica Deglau, 19, CAN	17	2:18.94	USALCMAR	Jennifer Hommert, 21, USA	6	3:44.50 3:45.01		Canada, CAN Netherlands, NED
23	1:00.59	USOPNDEC	Ashley Tappin, 24, USA	18 19	2:19.04 2:19.12	USALCAUG USALCMAR	Kristin MacGregor, 19, USA Shauna Barnard, 16, USA	8	3:47.53	USALCAUG	Hillenbrand Tucson, USA
24 25	1:00.61 1:00.67	GERLCMAY EUR99JUL	Katrin Jake, 26, GER F. van Almsick, 21, GER	19	2:19.12	MVNJUN	Kaitlin Sandeno, 16, USA	9	3:47.67		Japan, JPN
Ren		. Swimmers		21	2:19.29	USALCMAR	Amanda Beard, 17, USA Jessica Carr, 17, USA	10	3:47.87 3:47.90		PSV Eindhoven, NED Pacific Dolphins, CAN
6	1:00.75	USOPNDEC	Angel Martino, 32, USA Bethany Goodwin, 20, USA	22	2:19.71 2:19.89	USALCAUG	Kyoko Yokouchi, 16, USA	12	3:48.07	USOPNDEC	Queensland, AUS
7	1:01.25 1:01.28	USALCAUG USOPNDEC		24	2:19.90	USOPNDEC	Ashley Daly, 15, USA	13	3:48.40 3:48.48		Region of Waterloo, CAN Belarus, BLR
9	1:01.35	USALCAUG	Jana Krohn, 18, USA	25	2:20.01	USALCAUG	Carly Geehr, 14, USA	14 15	3:48.80	LTCUPAPR	Spain, ESP
10	1:01.38	USALCAUG USALCMAR	Michala Kwasny, 18, USA Amanda Beard, 17, USA	400	METER IN	. MEDLEY		16	3:48.95		Vasco da Gama, BRA
11	1:01.73 1:01.74	USALCMAR	Natalie Coughlin, 16, USA	Rec:	4:34.79	Chen Yan, C	HN, 97	17 18	3:49.10 3:49.46	USALCAUG	Italy, ITA Trojan Swim Club, USA
13	1:01.76	FISUJUL	Gina Panighetti, 20, USA	1 2	4:38.14 4:38.46	EUR99JUL PAN99AUG	Jana Klochkova, 16, UKR Joanne Malar, 23, CAN	19	3:49.47	EUR99JUL	Belgium, BEL
14	1:01.85	PAC99AUG PAN99AUG	Molly Freedman, 18, USA Sylvia Bereknyei, 18, USA	3	4:40.56	PAC99AUG	Yasuko Tajima, 18, JPN	20	3:49.75	FISUJUL	China, CHN
15 16	1:02.11	USALCMAR	Demerae Christianson, 17, USA	4	4:40.98	EUR99JUL	B. Coada-Caslaru, 23, ROM	21 22	3:49.88 3:49.90	PAC99AUG USALCAUG	South Africa, RSA Irvine Nova A, USA
17	1:02.12	USALCAUG	Clara Ho, 19, USA	5	4:41.21 4:41.30	PAC99AUG PAC99AUG	Cristina Teuscher, 21, USA Madeleine Crippen, 19, USA	23	3:49.95	USALCAUG	Hillenbrand Tucson B, USA
18 19	1:02.21 1:02.26	USALCAUG USALCAUG	Katie Yevak, 16, USA	7	4:42.92	USALCAUG	Kaitlin Sandeno, 16, USA	24	3:50.37	PAN99AUG	Brazil, BRA  Dallas Mustangs A, USA
20	1:02.29	USALCAUG	Katie Younglove, 19, USA	8	4:43.79	CHNSEP	Chen Yan, 18, CHN K. Quance-Julian, 24, USA	25	3:50.42	USALCAUG	Dallas Mustarigs A, OOA
21	1:02.32	USALCMAR USALCAUG	Shannon Hosack, 23, USA Jenny Hennen, 21, USA	9	<b>4:45.39</b> 4:45.45	EUR99JUL	Hana Cerna, 25, CZE			Swimmers	C. W. C. California IIICA
21 23	1:02.32 1:02.33	USJRWJUL	Dana Kirk, 15, USA	11	4:46.06	PAC99AUG	Jennifer Reilly, 15, AUS	7 8	3:50.59 3:50.88	USALCMAR EVANSJUL	Southern California, USA Univ. California, USA
24	1:02.40	USALCAUG	Rebecca Harper, 16, USA	12	4:46.31 4:46.44	PAC99AUG	Michala Kwasny, 18, USA Elli Overton, 25, AUS	9	3:51.88	SCSCJUN	Stanford A, USA
24	1:02.40	USALCAUG	Merritt Adams, 19, USA	14	4:46.59	USALCAUG	Katie Yevak, 16, USA	10	3:52.88	USALCAUG	Minnesota Aquatic, USA
200	METER BL	JTTERFLY		15	4:47.06	BRISBJUL	Rachel Harris, 20, AUS	11 12	3:53.23 3:53.78	USALCAUG SCSCJUN	Trojan Swim Club B, USA California Aquatics, USA
Rec	2:05.96	Mary T.Mea	gher, USA, 81	16 17	4:47.12 4:47.14	CHNSEP	Qi Hui, 13, CHN Liu Ying, 21, CHN	12	3:53.78	USALCAUG	Florida Aquatics, USA
2	2:06.53 2:09.43	PAC99AUG USALCAUG	Susan O'Neill, 26, AUS Liu Limin, 23, CHN	18	4:47.46	PAC99AUG	Helen Norfolk, 17, NZL	14	3:53.84	USALCAUG	Terrapins, USA Kansas City Blazers, USA
3	2:09.64	PAN99AUG	Jessica Deglau, 19, CAN	19	4:47.74		Hee-Yeon Cho, 16, KOR Emma Johnson, 19, AUS	15 16	3:54.43 3:54.69	USALCAUG	Northwestern A, USA
4	2:09.68	JPNLCJUN	Maki Mita, 16, JPN Mette Jacobsen, 26, DEN	20	4:47.83 4:47.90	BRISBJUL EUR99JUL	Simona Paduraru, 18, ROM	17	3:54.99	USALCAUG	Bolles Sharks, USA
5 <b>6</b>	2:09.73 2:09.79	PAC99AUG		22	4:48.01	JPNLCJUN	Miyuki Ishikawa, 17, JPN	18	3:55.20		Brandon Blue Waves, USA Texas AquaticsA, USA
7	2:10.18	GERLCMAY	Katrin Jake, 26, GER	23	4:48.26	CHNSEP	Ning Bo, 16, CHN Kristen Caverly, 14, USA	19	3:55.51 3:55.74	USALCAUG	Walnut Creek A, USA
8	2:10.41	AUSLCMAR MORIOAUG		24	4:48.34 4:48.40	USALCAUG		21	3:56.03	PQCUPJUL	Badger Swim Club, USA
9 10	2:10.73 2:11.22	PAC99AUG		Rem	naining U.S	. Swimmers	C 1244 - N. 40 UCA	22	3:56.04 3:56.28		Florida State Univ., USA Aggie Swim, USA
11	2:11.23	<b>JPNLCJUN</b>	Junko Onishi, 25, JPN	9	4:48.85 4:49.22	PAN99AUG	Corrie Murphy, 19, USA Maggie Bowen, 19, USA	24	3:56.62	USJRNJUL	Greater Toledo, USA
12 13	2:11.27 2:11.40	PAC99AUG CHNLCAPR	Ayari Aoyama, 17, JPN Ruan Yi, 17, CHN	11	4:50.77	USALCMAR	Laura Davis, 14, USA	25	3:56.88	USJRSJUL	Swim Atlanta, USA
14	2:11.45	EUR99JUL	Maria Pelaez, 21, ESP	12	4:51.13	USALCAUG	Shauna Barnard, 16, USA	AY	200 METER	FREE RELAY	,
15	2:11.60	EUR99JUL	Otilia Jedrzejczak, 16, POL	13	4:51.68 4:51.73	USALCAUG	Natalie Griffith, 17, USA Jessica Carr, 18, USA	Red		German Den	n.Rep, GDR, 87
16 17	2:11.63 2:11.93	CANETJUN	Madeleine Crippen, 19, USA Sophia Skou, 25, DEN	15	4:52.15	USALCMAR	Julie Hardt, 17, USA	1	7:57.61	PAC99AUG	United States, USA
18	2:11.99	BARCJUN	Mireia Garcia, 17, ESP	16	4:52.36	USALCAUG	Jennifer Parmenter, 18, USA	2	8:00.67 8:01.66	EUR99JUL	Australia, AUS Germany, GER
19	2:12.04	EUR99JUL	Margaretha Pedder, 19, GBR	17 18	4:52.52 4:52.76	USJRSJUL USALCMAR	Jaime Ellis, 17, USA Shannon Cullen, 18, USA	4	8:05.56	PAN99AUG	Canada, CAN
20	2:12.09 2:12.51	PAN99AUG FISUJUL	Jennifer Button, 21, CAN Pang Ran, 17, CHN	19	4:52.79	USALCMAR	Alisa Schuknecht, 16, USA	5	8:07.37	EUR99JUL	Sweden, SWE
22	2:12.60	BPESTDEC	Eva Risztov, 13, HUN	20	4:52.85	FISUJUL	Lauren Silva, 19, USA Jenna Street, 17, USA	6	8:07.75 8:08.00	EUR99JUL EUR99JUL	Romania, ROM Great Britain, GBR
23	2:12.61	MVNJUN	Kaitlin Sandeno, 16, USA Amanda Loots, 20, RSA	21	4:53.22 4:53.27	PAC99AUG USALCMAR	Erica Rose, 16, USA	8	8:08.33	PAC99AUG	Japan, JPN
24 <b>25</b>	2:12.63 2:12.64	GBRLCJUL USALCAUG		23	4:53.44	FASTMAY	Keegan Walkley, 20, USA	9	8:09.42	USOPNDEC	Queensland, AUS Pacific Dolphins, CAN
Re	maining U.S	S. Swimmers		24	4:53.74 4:53.81	USALCAUG	Tami Ransom, 16, USA Jeana Fucillo, 18, USA	10 11	8:12.36 8:13.39	USALCAUG	Trojan Swim Club, USA
6	2:13.51 2:13.86	USALCAUG	Michala Kwasny, 18, USA Rebecca Harper, 16, USA	25 25	2:08.36	ABAGJUL	Red Deer Catalina SC, CAN	12	8:14.46	EUR99JUL	Spain, ESP
8	2:14.22	USOPNDEC	Kalyn Keller, 14, USA					13 14	8:15.14 8:15.68	EUR99JUL	Hillenbrand Tucson, USA Belgium, BEL
9	2:14.39	USALCAUG			4:01.67	MEDLEY RE China, CHN	94	15	8:17.17	USOPNDEC	New South Wales, AUS
10	2:14.53 2:14.55	USALCMAR		1	4:03.09	PAC99AUG	United States, USA	16	8:18.11	FISUJUL CANIL CMAP	Italy, ITA Region of Waterloo, CAN
12	2:14.82	USALCAUG	Jessica Brosch, 16, USA	2	4:05.74 4:07.14	PAC99AUG PAC99AUG	Australia, AUS Japan, JPN	17 18	8:19.50 <b>8:19.84</b>	USALCMAR	Florida Aquatics, USA
13	2:14.83	USALCMAP USALCMAP		3	4:07.14	EUR99JUL	Sweden, SWE	19	8:20.55	KORLCOCT	Seoul High School, KOR
14 15	2:14.84 2:15.12	USALCAUG	Emily Mason, 16, USA	5	4:07.74	PAC99AUG	South Africa, RSA	20	8:20.70 8:20.80	PAC99AUG EUR99JUL	New Zealand, NZL Switzerland, SUI
16	2:15.15	PAC99AUG	Brooke Bennett, 19, USA	6	4:07.79 4:08.73	EUR99JUL PAN99AUG	Germany, GER Canada, CAN	21	8:21.02	BRALCDEC	
17	2:15.20	USALCMAP USALCAUG		8	4:09.18	EUR99JUL	Great Britain, GBR	23	8:21.10	EUJRJUL	Netherlands, NED
18 19	2:15.23 2:15.33	FISUJUL	Gina Panighetti, 20, USA	9	4:10.51	USOPNDEC	Queensland, AUS	24 25	8:21.40 8:22.46	GBRLCDEC	Nova Centurion, GBR Irvine Nova A, USA
20	2:15.41	USALCMAF		10	4:10.78 4:11.63	EUR99JUL EUR99JUL	Netherlands, NED Romania, ROM				
20 22	2:15.41 2:15.74	USALCAUG		12	4:11.72	EUR99JUL	Spain, ESP		maining U.S	S. Swimmers	Univ. California, USA
23	2:15.77	USALCAUG	Demerae Christianson, 17, USA	13	4:12.24	USOPNDEC	Univ.California, USA Irvine Nova A, USA	6	8:23.77 8:25.03	EVANSJUL USALCMAR	
24	2:15.79	USJRSJUL	Victoria Genova, 15, USA Angie Wester-Krieg, 34, USA	14 15	<b>4:12.33</b> 4:12.43	EUR99JUL	Russia, RUS	8	8:25.54	USOPNDEC	Bolles Sharks, USA
25	2:15.82	USALCAUG	Angle Wester-Kneg, 54, 00A	16	4:12.46	USALCAUG	Hillenbrand Tucson, USA	9	8:26.26 8:26.34	USALCAUG USALCAUG	Minnesota Aquatic, USA Aggie Swim, USA
20		ND. MEDLEY		17	4:12.73 4:12.75	ZAGRAUG	China, CHN Trojan Swim Club, USA	11	8:26.47	USALCAUG	Mecklenburg, USA
Re		Wu Yanyar PAC99AUG		<b>18</b> 19	4:12.75	USOPNDEC	Aust.Inst.Sport, AUS	12	8:26.57	USALCAUG	Terrapins, USA
1 2	2:13.63 2:14.02	EUR99JUL	Jana Klochkova, 16, UKR	20	4:13.27	CANLCMAR	Pacific Dolphins, CAN	13 14	8:27.18 8:27.19	SCSCJUN USALCAUG	Stanford A, USA Trojan Swim Club B, USA
3	2:14.31	PAC99AUG	Cristina Teuscher, 21, USA	21	4:13.44 4:13.47	BRALCDEC EUR99JUL	Vasco da Gama, BRA Ukraine, UKR	15	8:27.67	USALCMAR	Lake Erie Silver Dolphins, USA
5	2:14.51 2:14.62	PAC99AUG GBRLCJUL		23	4:14.07	USALCAUG	Hillenbrand Tucson B, USA	16	8:28.16	USOPNDEC USALCMAR	Univ.Southern Calif., USA Mission Viejo A, USA
6	2:14.70	PAC99AUG	Tomoko Hagiwara, 19, JPN	24	4:14.30	USALCMAF EUR99JUL	Southern California, USA Hungary, HUN	17 18	8:28.39 8:28.93	USALCAUG	North Carolina A, USA
7	2:14.87		R B. Coada-Caslaru, 23, ROM Chen Yan, 18, CHN	25 Rei	4:14.43 maining U.	S. Swimmers		19	8:29.82	USALCAUG	Kansas City Blazers, USA
8	2:15.04 2:15.22	USOPNDE(	Martina Moravcova, 23, SVK	8	4:14.65	SCSCJUN	California Aquatics, USA	20		USALCAUG USALCAUG	Pleasanton Swim, USA Santa Clara A, USA
10	2:15.26	PAN99AUG	Maggie Bowen, 19, USA	9	4:15.27 4:16.77	USALCAUG		21		USALCAUG	Walnut Creek A, USA
11 12		PAC99AUG		10	4:17.55	SCSCJUN	Stanford A, USA	23	8:31.89	USALCAUG	Shilshole Aquatic, USA
		PAC99AUG	Lori Munz, 20, AUS	12	4:18.73	CANLCAUG	Tuscaloosa Swim, USA Florida Aquatics, USA	24 25		USALCMAR USALCMAR	Irvine Nova B, USA
13	2.13.73						FIUTIUM MUUMICS, USA	20	0.02.00		
14		CHNLCOC	T Zhan Shu, 14, CHN	13	4:19.03	USALCIVIAI					

# For the Record

15:12.00 Liu Yu, CHN

Ouvang Kunpeng, CHN

50 BACK Jan 5

24.75

25 30

### WORLD CUP

**FINA WORLD CUP 4** Shanghai, China

Oi Hui, CHN

2:27.26

50 FLY

27.32

100 FLY

1:00.10

200 FLY

2:07.04

2:12.70

100 IM

1:01.85

1:01.99

200 IM

2:12 03

400 IM

4:38.66

4:40.53

4:40.91

MEN

22.36

22.42

49.06

49 88

1:46.63

1:47.10

1:48 47

3:45.47

3:49.70

3:50.06

50 FREE Jan. 5

100 FREE Jan. 4

200 FREE Jan. 5

400 FREE Jan. 4

1500 FREE Jan. 5

15:07.42 Chad Carvin, USA

Luo Xuejuan, CHN

Hao Ping, CHN Luo Nan, CHN

Ruan Yi, CHN

Chen Li CHN

Jan. 4 Ruan Yi, CHN

Chen Li CHN

Ruan Yi, CHN

Du Juan CHN

Zhu Caixia, CHN

Zhan Shu, CHN

Ruan Tian, CHN

Zhan Shu, CHN

Chen Yan, CHN

Ruan Tian, CHN

Liu Yin, CHN

Liang Shuang, CHN Chen Yan, CHN

Jiang Chengii, CHN

A. Luederitz, GER P. De Felice, ITA

Bela Szabados, HUN

Deng Qingsong, CHN

Edvaldo Valerio, BRA

Bela Szabados, HLIN

Chad Carvin, USA Gallina Moreno, ITA

Chad Carvin, USA

Bela Szabados, HUN

Gallina Moreno, ITA

Han Xue, CHN

Li Jin, CHN

Jan. 5

Jan. 5

Jan. 4

Jan. 5

Wang Danna, CHN

Jan. 5

Hu Jinghai, CHN Lin Yi, CHN 100 BACK Jan. 4 Quyang Kunpeng, CHN Jan. 4-5, 2000 (25 M) 55.20 Fu Yong, CHN Lin Yi, CHN World Record 200 BACK Jan. 5 National Record Fu Yong, CHN 1-58 21 Yu Rui, CHN WOMEN 50 FREE Shu Xin, CHN Jan. 4 50 BREAST Jan. 4 Han Xue CHN 25.34 Zhu Yi, CHN Zhou Xiaowei, CHN 28 18 Yu Daging, CHN Cheng Xiaorong, CHN 100 FREE Jan. 5 Zeng Qiliang, CHN 100 BREAST Jan. 5 Han Xue CHN 54.94 Zeng Qiliang, CHN Zhu Yi, CHN Li Jin, CHN 1:00.53 55 51 Cheng Xiaorong, CHN 200 FREE Jan. 4 1:01:07 Yu Daging, CHN 200 BREAST Jan. 4 1:56.54 1:57.21 Yang Yu, CHN Cheng Hao, CHN Xia Shichao, CHN 2-11 19 Qin Caini, CHN 2:13.01 Liang Shuang, CHN 1.58 70 2-14-62 Liu Zigian, CHN 400 FREE Jan. 5 50 FLY Yang Yu, CHN Jan. 4 24 58 Zhang Qiang, CHN 4:06.51 Zhang Yan, CHN 25.01 Hong Yuewei, CHN Qin Caini, CHN Yang Jiming, CHN 25 25 800 FREE Jan. 4 100 FLY Chen Hua, CHN Jan. 5 53.86 54.45 Zhang Zhi, CHN Zhang Yan, CHN Cao Ling, CHN 8:11.66 Zhang Xiao, CHN Zhang Qiang, CHN 54.52 50 BACK Jan 4 Bei Li, CHN 200 FLY Jan. 4 Juan Veloz, MEX 28 66 Chen Jiaru, CHN Lu Donghua, CHN 1:57.83 Massi Froli ITA Zhang Zhi, CHN 100 BACK Jan. 5 100 IM Jan 4 Zhan Shu, CHN 1:00.38 Xie Xufeng, CHN 1:01.37 Erin Cammel, CAN 55.53 Ouyang Kunpeng, CHN Zhang Xiao, CHN Chen Jiaru, CHN 200 BACK Jan. 4 200 IM Kelly Stefanyshyn, CAN 2:10.12 Xie Xufeng, CHN 1:58.88 2:10.66 Zhan Shu, CHN Deng Qingsong, CHN Jin Hao, CHN 2:00 66 Tao Xuan, CHN 50 BREAST Jan. 5 400 IM Jan. 4 Li Wei, CHN 31.45 Xie Xufeng, CHN 31.75 Hao Ping, CHN 4:12.26 4:15.31 Jin Hao, CHN Ruan Tian, CHN Massi Eroli, ITA 100 BREAST Jan. 4 4:15.82 Qi Hui, CHN 1:07.50 1:07.99 Li Wei, CHN 1:08 17 Ruan Tian, CHN 200 BREAST Jan. 5

FINA WORLD CUP 5 Hong Kong, China Jan. 8 - 9, 2000 (25 M)

50 FREE Jan 8 25.86 Yang Yu, CHN 25 92 Tammie Stone, USA Sun Dan, CHN 100 FREE Jan. 9 Yang Yu, CHN Li Jin, CHN Sun Dan, CHN 55.26 56.06 200 FREE Jan. 8 Yang Yu, CHN 1:58.90 Qin Caini, CHN Sun Dan, CHN 400 FREE Jan. 9 Qin Caini, CHN 4:12.39 Kelly Stefanyshyn, CAN Chi Chan Lin, TPE 4:16.67 800 FREE Jan. 8 8:47.46 Julie Gravelle, CAN 54.99 9-05-79 Chi Chan Lin, TPE Ann Wong, HKG 50 BACK Jan. 8 Erin Gammel, CAN Kelly Stefanyshyn, CAN M. Svensson, SWE 29.20 100 BACK Jan. 9 55 55 Erin Gammel, CAN 1:01.12 56.68 Kelly Stefanyshyn, CAN Hiu Wai Tsai, HKG 1:02.13 57 55 200 IM 200 BACK Jan. 8 1:59.60 Kelly Stefanyshyn, CAN 2:11.31 2:14.22 Erin Gammel, CAN Louise Coull, GBR 2:16.21 50 BREAST Jan. 9

Sylvia Gerasch, GER 32.16 32.31 Janne Schafer, GER Kelly Denner, AUS 100 BREAST Jan. 8 Alicia Peczak, POL 1:09.18 1:09.98 Sylvia Gerasch, GER Kelly Denner, AUS 1:10.33

200 BREAST Jan. 9 Alicja Peczak, POL 2:26:36 2:32.18 Caroline Warren, GBR 2:32.59 Sylvia Gerasch, GER Marietta Uhle, GER

Jasmin Geisel, AUS Audrey Lacroix, CAN 100 FLY 1:00.33 Li Jin CHN 1:00.48 Marietta Uhle, GER 1:01.71 Audrey Lacroix CAN 200 FLY 2:13.24 Audrey Lacroix CAN 2:13.36 Julie Gravelle, CAN 2:20.70 Gemma Howells, GBR 100 IM Jan. 9 Tammie Stone USA 1:03.72 1:04.72 Kristen Bradley, CAN L. Tossavainen, SWE 1:05.55 Kristen Bradley, CAN 2.16.68 Samantha Hunter, GBR 2-20 56 Angela Kan, AUS 400 IM 4:46.69 Kristen Bradley, CAN 4:49 7 Samantha Hunter, GBR

50 FREE Jan. 9 A. Luderitz, GER 22.50 Richard Bera INA Edvaldo Silva, BRA 100 FREE Jan. 8 Bela Szabados, HUN 49.04 Edvaldo Silva, BRA Carlos Jayme, BRA 200 FREE Jan. 9 Bela Szabados, HUN 1:46.24

Gemma Howells, GBR

4:54.54

Chad Carvin, USA Moreno Gallina, ITA 400 FREE Jan. 8 Chad Carvin, USA 3:45.49 3:48 34 Bela Szabados, HUN 3:50.88 Moreno Gallina, ITA

1500 FREE Jan. 9 15:01.64 Chad Carvin, USA 15:16.40 Fabio Venturini, ITA 15:23.02 Zheng Shibin, CHN 50 BACK Felix Sutanto, INA 26.00

26.05 Fu Yong, CHN Nicolo Dell'Andrea ITA 100 BACK Jan. 8 55 74 Fu Yong CHN Nicolo Dell'Andrea, ITA 56.06

57.32 Liam Short, AUS 200 BACK Jan. 9 1:57.75 Fu Yong, CHN 2:00.20 Nicolo Dell'Andrea, ITA

2:01.07 Lik Sung Fong, HKG 50 BREAST Jan. 8 29 40 Simon Leighfield, AUS

29.54 David Gustafsson, SWE 29.65 Jonathan Lewis, GBR 100 BREAST Jan. 9 Simon Leighfield, AUS 1-03 24

David Gustafsson, SWE 1:03.31 1:03.47 Jonathan Lewis, GBF 200 BREAST Jan. 8

Simon Leighfield, AUS Chi Kin Tam, HKG 2-15.54 2:16.23 2-18 40 Ross Martin, GBR 50 FLY Jan. 8 24 65

Wisnu Wardhana, INA 24.96 Ludovic Depickere, FRA Jin Hao, CHN 100 FLY Jan. 9 54.35 Jin Hao, CHN

Juan Veloz, MEX 55.02 Ludovic Depickere, FRA 200 FLY Jan. 8 1:57.59 Massi Eroli, ITA 1:57.62 Juan Veloz, MEX 1:58 27 Jin Hao, CHN 100 IM Jan. 8

Xie Xufeng, CHN David Gustafsson, SWE R. De Krester, AUS Jan. 9 Xie Xufeng, CHN

Moreno Gallina, ITA 2:02.18 2.02.43 Olivier Saminadin, FRA 400 IM Jan. 8 4:16.66 Xie Xuteng, CHN 4:19.36 Massi Eroll, ITA

**FINA WORLD CUP 6** Hobart, Australia Jan. 13-14, 2000 (25 M)

WOMEN 50 FREE 25.45 Han Xue, CHN Emi Yamamoto, JPN 26.01 Louise Johncke, SWE

100 FREE Jan. 14 55 18 Lori Munz ALIS Louise Johncke, SWE 56.28 Jacmin Goicel ALIS Jordana Webb. AUS 200 FREE Jan. 13 Lindsay Benko, USA 1:57.67 1:57.74 Kasey Gileau, AUS Elka Graham, AUS 400 FREE Jan. 14 Zhang Yan, CHN 4:07.15 4-08-34 Kasey Gileau, AUS Lindsay Benko, USA 800 FREE Jan. 13 8:30.00 Zhang Yan, CHN 8-34 42 Danielle Woods, AUS 8:36.65 Amanda Pascoe, AUS

50 BACK Jan. 13 Dyana Calub, AUS Kellie McMillan, AUS 28.58 Cheng Jiaru, CHN 100 BACK Jan. 14 Dyana Calub, AUS Zhan Shu, CHN Kellie McMillan, AUS 1:00.09

200 BACK Jan. 13 Lindsay Benko, USA 2:10.95 Zhan Shu, CHN Helen Norfolk, N71 50 BREAST Jan. 14

Penny Heyns, RSA 31.26 31.26 Han Xue, CHN Rebecca Brown, AUS 100 BREAST Jan. 13 Penny Heyns, RSA 1:07.38 Rebecca Brown, AUS

Alicia Peczak, POL 200 BREAST Jan. 14 2:25.47 Rebecca Brown AUS Alicja Peczak, POL

Caroline Hildreth, AUS 50 FLY Jan. 14

26.90 27 39

Ruan Yi, CHN Dianne Bui Duyet, FRA Johanna Sjoberg, SWE 100 FLY Jan. 13 58.29 58.85 Ruan Yi, CHN Johanna Siohern, SWF 1:00.03 Dianne Bui Duyet, FRA Jan. 14

200 FLY K. Quance-Julian, USA Lara Deavenport, AUS Nicole Hunter, AUS 2:12.73 100 IM Jan. 14 Han Xue, CHN 1:02.34 1:02.67 Lori Munz AUS Brooke Hanson, AUS 200 IM Jan 13

2:10.91 Zhan Shu, CHN 2-12-22 K. Quance-Julian, USA Joanne Malar, CAN 400 IM Jan. 14 4:37.21 K. Quance-Julian, USA

4:40.07 Joanne Malar, CAN 4:43.15 Alissa Searston, AUS MEN

50 FREE 22.30 Sahir Muhammad HSA 22.49 Edvaldo Filho, BRA 22 78 Stefan Nystrand, SWE 100 FREE Jan. 13 Michael Klim, AUS 47.83 lan Thorpe, AUS 49.05 49.54 Edvaldo Filho, BRA 200 FREE Jan. 14 lan Thorne ALIS 1:47.03 1:48.79 Michael Kiedel, GER 1-49.05 Klau Lanzarini, ITA

400 FREE Jan. 13 3:43.23 lan Thorpe, AUS Masato Hirano, JPN 3:45.21 3-50 24 Andrea Righi, ITA 1500 FREE Jan. 14

14:55.95 15:01.92 Masato Hirano, JPN Craig Stevens, AUS Andrea Righi, ITA Jan. 14

50 BACK Matt Welsh, AUS 24.11w 24.72 L. Krayzelburg, USA Josh Watson, AUS

100 BACK Jan 13 Matt Welsh, AUS L. Krayzelburg, USA Josh Watson, AUS 52.85 200 BACK Jan 14 L. Kravzelburg, USA 1.55.58 Josh Watson, AUS Matt Welsh, AUS 50 BREAST Jan. 13 27.96 Zhu Yi, CHN 28 29 Morgan Knabe, CAN Patrik Isaksson, SWF 100 BREAST Jan. 14 Morgan Knabe, CAN 1:00.73 Zhu Yi, CHN Phil Rogers, AUS 1:00.82 200 BREAST Jan. 13 Ryan Mitchell, AUS 2:11.70

Morgan Knabe, CAN 2:13.75 50 FLY Michael Klim, AUS 24 31 Garret Pulle, CAN Daniel Carlsson, SWE 100 FI Y lan 14 Michael Klim, AUS 53 23 Sabir Muhammad, USA Heath Ramsay, AUS Jan. 13 200 FLY Shamek Pietucha, CAN 1:56.71 1.57.08 Heath Ramsay, AUS

Phil Rogers, AUS

2:13.30

4-14-23

4:16.68

Shane Fielding, AUS 1:59.19 100 IM Jan. 13 Jani Sievinen, FIN 55.91 Ouyang Kunpeng, CHN Robert Abernethy, AUS 200 IM Jan. 14 Jani Sievinen, FIN 1:59.57 Curtis Myden, CAN Dean Kent, NZL 400 IM Jan. 13 4:13.82 Jani Sievinen, FIN

Curtis Myden, CAN

Jim Piper, AUS

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# For the Record

### FINA WORLD CUP 7 Sydney, Australia Jan. 18-19, 2000 (25 M)

WOMEN	
50 FREE	Jan. 18
24.78	Jenny Thompson, USA
25.42	Louise Johncke, SWE
25.46	Sarah Ryan, AUS
100 FREE	Jan. 19
53.05	Jenny Thompson, USA
54.83	Louise Johncke, SWE
54.91	Lori Munz, AUS
200 FREE	Jan. 18
1:55.66	Susan O'Neill, AUS
1:57.36	Lori Munz, AUS
1:58.03	Kasey Giteau, AUS
400 FREE	Jan. 19
4:03.50	Sarah-J. D'Arcy, AUS
4:05.22	Sachiko Yamada, JPN
4:06.02	Yan Zhang, CHN
800 FREE	Jan. 18
8:17.76	Sachiko Yamada, JPN
8:21.88	Zhang Yan, CHN
8:25.57	Flavia Rigamonti, SUI
50 BACK	Jan. 18
28.17	Dyana Calub, AUS
28.22	Kellie McMillan, AUS
28.27	Giaan Rooney, AUS
100 BACK	
59.68	Dyana Calub, AUS
59.79	Shu Zhan, CHN
1:00.69	Kellie McMillan, AUS
200 BACK	Jan. 18
2:08.89	Lindsay Benko, USA
2:09.04	Giaan Rooney, AUS
2:10.02	Danielle Lewis, AUS
50 BREAS	
31.42	Penny Heyns, RSA
31.62	Emma Igelstrom, SWE
31.90	Brooke Hanson, AUS
	ST Jan. 18
1:06.61	Penny Heyns, RSA
1:07.90	Alicja Peczak, POL
1:07.94	Rebecca Brown, AUS
	ST Jan. 19
2:24.78	Samantha Riley, AUS
2:25.44	Brooke Hanson, AUS
2:25.51	Rebecca Brown, AUS
50 FLY	Jan. 19
26.08	Jenny Thompson, USA
26.87	Ruan Yi, CHN
27.07	Johanna Sjoberg, SWE
100 FLY	Jan. 18
57.29	Jenny Thompson, USA
58.36	Susan O'Neill, AUS

200 FLY	Jan. 19
2:04.16	Susan O'Neill, AUS
2:06.50	Ruan Yi, CHN
2:08.14	Maki Mita, JPN
100 IM	Jan. 19
1:00.89	Han Xue, CHN
1:01.63	Zhan Shu, CHN
1:02.18	Lori Munz, AUS
200 IM	Jan. 18
2:10.26	Zhan Shu, CHN
2:10.40	Lori Munz, AUS
2:12.15	K. Ouance-Julian, US
400 IM	Jan. 19
4:36.47	K. Quance-Julian, US
4:39.00	Joanne Malar, CAN
4:39.26	Rachael Comer, GBR
MEN	
50 FREE	Jan. 19
21.94	
22.10	Sabir Muhammad, US
00.07	Donata Harridge ALIC

4:39.00	Joanne Malar, CAN
4:39.26	Rachael Comer, GBR
MEN	
50 FREE	Jan. 19
21.94	Michael Klim, AUS
22.10	Sabir Muhammad, USA
22.27	Brett Hawke, AUS
100 FREE	Jan. 18
47.59	Michael Klim, AUS
48.73	Ashley Callus, AUS
48.93	Edvaldo Filho, BRA
200 FREE	Jan. 19
1:42.54w	lan Thorpe, AUS
1:46.40	Todd Pearson, AUS
1:46.50	William Kirby, AUS
400 FREE	Jan. 18
3:35.75	lan Thorpe, AUS
3:38.29	Grant Hackett, AUS
3:45.87	Marco Rosolino, ITA
1500 FREI	E Jan. 19
14:29.52	Grant Hackett, AUS
14:43.10	Kieren Perkins, AUS

50 BACK	Jan. 19
24.29	Matt Welsh, AUS
24.59	L. Krayzelburg, USA
24.60	Chris Renaud, CAN
100 BACK	Jan. 18
51.73	L. Krayzelburg, USA
52.25	Matt Welsh, AUS
52.61	Chris Renaud, CAN
200 BACK	Jan. 19
1:52.56	L. Krayzelburg, USA
1:54.53	Josh Watson, AUS
1:55.37	Adrian Radley, AUS
50 BREAS	T Jan. 18
27.50	Zhu Yi, CHN
27.92	Morgan Knabe, CAN
27.93	Paul Kent, NZL
100 BREA	ST Jan. 19

14:54.27 Stephen Penfold, AUS

ZUU DAUK	Jan. 19
1:52.56	L. Krayzelburg, USA
1:54.53	Josh Watson, AUS
1:55.37	Adrian Radley, AUS
50 BREAS	T Jan. 18
27.50	Zhu Yi, CHN
27.92	Morgan Knabe, CAN
27.93	Paul Kent, NZL
100 BREA	ST Jan. 19
59.75	Zhu Yi, CHN
59.98	Morgan Knabe, CAN
1:00.51	Ryan Mitchell, AUS

200 BREAS	ST Jan. 18
2:07.95	Ryan Mitchell, AUS
2:10.72	Phil Rogers, AUS
2:12.37	Morgan Knabe, CAN
50 FLY	Jan. 18
23.27	Michael Klim, AUS
23.45	
	Jere Hard, FIN
100 FLY	Jan. 19
	Michael Klim, AUS
51.96	Scott Miller, AUS
	Theo Verster, RSA
200 FLY	
	Scott Miller, AUS
1:55.50	Justin Norris, AUS
	William Kirby, AUS
100 IM	Jan. 18
54.87	Jani Sievinen, FIN
54.88	Ouyang Kunpeng, CH
55.43	Grant McGregor, AUS
200 IM	Jan. 19
	Matthew Dunn, AUS
1:58.13	Jani Sievinen, FIN
1:58.58	Curtis Myden, CAN
400 IM	Jan. 18
4:10.60	Grant McGregor, AUS
4:11.37	Curtis Myden, CAN
4:12.09	Jani Sievinen, FIN

# **FINA WORLD CUP 8** Sheffield, Great Britain

Feb. 1-2, 2000 (25 M)		
50 FREE		
25.17	Sue Rolph, GBR	
25.35	Y. Yermakova, KAZ	
25.54	B.J. Bedford, USA	
100 FREE		
54.51	M. Moravcova, SVK	
54.62	Sue Rolph, GBR	
54.71	Yang Yu, CHN	
200 FREE		
1:55.61	M. Moravcova. SVK	
1:55.64	Yang Yu. CHN	
1:58.25	Laura Nicholls, CAN	
400 FREE		
4:09.24	Rebecca Cooke, GBR	
4:09.29	Laura Nicholls, CAN	
4:11.83	Claire Huddart, GBR	
800 FREE		
8:29.53	Rebecca Cooke, GBR	
8:35.97	Maddy Crippen, USA	

8:38.21	Laura Nicholls, CAN
50 BACK	
28.05	B.J. Bedford, USA
28.42	Dyana Calub, AUS

28.70	N. Zhivanevskaia, ESP
100 BACK	
59.57	Dyana Calub, AUS
1:00.78	C. Wittstock, RSA
1:01.37	N. Zhivanevskaya, ESP
200 BACK	
2:09.66	Lia Oberstar, USA
2:10.92	N. Zhivanevskaya, ESP
2:11.00	Dyana Calub, AUS

2.11.00	Dyana Galab, AGG			
50 BREAS	ST .			
31.33	Sarah Poewe, RSA			
32.15	Janne Schafer, GER			
32.46	Katie McClelland, USA			
100 BREAST				
1:07.33	Sarah Poewe, RSA			
1:07.75	Alicja Peczak, POL			
1:09.44	Katie McClelland, US			
200 BREA	18T			
2:24.29	Alicja Peczak, POL			

2:24.29	Alicja Peczak, POL
2:26.51	Sarah Poewe, RSA
2:27.41	Maddy Crippen, USA
50 FLY	
26.99	Ashley Tappin, USA
27.76	Mandy Loots, RSA
27.85	Caroline Foot, GBR
100 FLY	
59.06	Ruan Yi, CHN
59.73	Mandy Loots, RSA
1.00.00	January Dutton, CAN

:00.03	Jennifer Button, CAN
00 FLY	
:08.70	Jennifer Button, CAN
:09.22	Mandy Loots, RSA
:11.79	Anna Uryniuk, POL
00 IM	
:01.34	M. Moravcova, SVK
04.04	O . D. L. L. COD

1:01.81	Sue Rolph, GBR
1:02.32	B.J. Bedford, USA
200 IM	
2:11.65	M. Moravcova, SVK
2:13.72	Maddy Crippen, USA
2:15.12	Liz Warden, CAN
400 IM	

00 IM	
39.59	Maddy Crippen, US
43.20	Sabine Klenz, GER
43.34	Liz Warden, CAN

MEN 50 FREE	
21.97	Jiang Chengji, CHN
22.37	Ricardo Busquets, PUF
22.47	Darren Lange, AUS
100 FREE	
49.38	Ian Thorpe, AUS
49.66	Jarod Schroeder, USA
49.68	Dan Phillips, USA

200 FREE 1:44.82 1:46.01 Ian Thorne, AUS Chad Carvin, USA 1:47.66 Gavin Meadows, GBR 3:40.94 Ian Thorpe, AUS

Chad Carvin, USA Guy-Noel Schmitt, FRA 3:47.26 1500 FREE Tyler Painter, USA 14:57.20 Guy-Noel Schmitt, FRA 14:59.94 Christian Minotti, ITA

50 BACK L. Kravzelburg, USA 24.39 25.08 Josh Watson, AUS Dan Phillips, USA 25.13 100 BACK

L. Krayzelburg, USA 52.09 53.59 Josh Watson, AUS 54.91 Stefan Driesen, GER 200 BACK .. Krayzelburg, USA 1:53.96

1:57.18 Matt Hooper, USA Zheng Shibing, CHN 50 RREAST Adam Whitehead, GBR 28.33 28 69 Terence Parkin, RSA 28.96 Michel Boulianne, CAN

100 RREAST Terence Parkin, RSA 1:01.48 1:02.04 Darren Mew GBR Michel Boulianne, CAN 200 BREAST

Terence Parkin, RSA Adam Whitehead, GBR 2:13.36 Simon Cowley, AUS 50 FLY Dan Phillips, USA

Fernando Alves, BRA 24.81 25.02 David Bennett, GBR 100 FLY James Hickman, GBR Christian Keller, GER 53.42

53.86 Fernando Alves, BRA 200 FLY 1:53.61 Tom Malchow, USA James Hickman, GBR 1:53.83 1:58.51 Matt Hooper, USA

100 IM 55 44 James Hickman, GBR 55.49 Xie Xufeng, CHN 55.85 Jirka Letzin, GER 200 IM

1:57.87 1:58.12 Terence Parkin, BSA 1:59.37 400 IM 4:13.14

Terence Parkin, RSA Jirka Letzin, GER 4:14.06

### WORLD

### **NEW SOUTH WALES** CHAMPIONSHIPS Sydney, Australia Jan. 19-21, 2000 (50 M)

50 FREE 26.59 26.65

2:01.67

Melanie Marshall, GBR Lori Munz, AUS Toni Jeffs, NZL 100 FREE

Melanie Marshall, GBR Lori Munz, AUS 56.90 Monique Robins, AUS 200 FREE Sarah-J. DeArcy, AUS Kasey Giteau, AUS 2:01.34

400 FREE 4:17.56 4:17.77 Kalvn Keller, USA Brooke Townsend, AUS 4:19.02 800 FREE

Lori Munz, AUS

Kalvn Keller, USA 8:45.76 Rachel Harris, AUS Brooke Townsend, AUS 8:48.09

16:43 12 Rebecca Cooke, GBR Sarah Heyes, GBR Rhonda Wallace, AUS 17:04.07 50 BACK Dyana Calub, AUS 29.65

30.31 30.37 C. Stoney, AUS Monique Robins, AUS 100 BACK Dyana Calub, AUS 1:02.90 1:02.95 Stoney, AUS Hannah McLean, AUS

200 BACK C. Stoney, AUS

Christian Keller, GER

Ian Thorne, AUS 15:25 05 Craig Stevens, AUS Mark Saliba, AUS 15:43.82 16:07.19 50 BACK Josh Watson, AUS 26.55

Dyana Calub, AUS

Richelle Jose, AUS

Tarnee White, AUS

Leisel Jones, AUS

Tarnee White, AUS

Reherca Brown, AUS

Rebecca Brown, AUS

Tarnee White, AUS

Petria Thomas, AUS

Kate Godfrey, AUS

Jordana Webb, AUS

Felicity Galvez, AUS

Petria Thomas, AUS Kate Godfrey, AUS

Rachel Coffee, AUS

Petria Thomas, AUS

Kate Godfrey, AUS

Rachel Coffee, AUS

Lori Munz, AUS Joanne Mullins, GBR

Anna Windsor, AUS

Jennifer Reilly, AUS

Rachel Harris, AUS

Helen Norfolk, NZL

Nathan Rickard, AUS

Brett Hawke, AUS

Trent Bray, NZL

lan Thorpe, AUS

Trent Bray, NZL

Jan Thorne, AUS

Trent Bray, NZL

Ian Thorpe, AUS

Josh Krogh, AUS

Ed Sinclair, GBR Gavin Shill, AUS

Craig Stevens, AUS

Michael Sweeting, AUS

A. Matkovich, AUS

Nathan Rickard, AUS

Caroline Hildredth, AUS

Caroline Hildredth, AUS

Caroline Hildredth, AUS

2:17.05

2:17 94

32.75 32.97

32 97

1:10.21

1:10.28

1:10.91

2:29.88

2:34 24

50 FLY

27.81

28.62

28.80

100 FLY

1:01.41

200 FLY

2:14.15 2:14.89

2:16.08

200 IM

2:17.99

2:20.25

2:20.59

400 IM

4:51.23

4:51.56

4:54.35

50 FREE

23.34

23.44

50.47

50.66

51.26

100 FREE

200 FREE

1:50.18

1:51.92

1.52.08

400 FREE

3:53.46

3:55.33

3:56.59

8:26.71

8:28 53

1500 FREE

800 FREE

MEN

**50 BREAST** 

100 BREAST

27.11 S. Talbot-Cameron, NZL 100 BACK Josh Watson, AUS

Edward Roche, AUS

S. Talbot-Cameron, NZL 57.07 Chris Renaud, CAN 200 BACK Josh Watson. AUS

2:02.77 S. Talbot-Cameron, NZL 2:04.17 Cameron Delaney, AUS **50 BREAST** 29.23 29.53 Steven McBrien, AUS Steven Ferguson, NZL

29.61 Alfredo Jacovo, MEX 100 BREAST 1:03.37 Steven Ferguson, NZL 1:04.07 Paul Kent, NZL Alfredo Jacovo, MEX 1:04.42

200 BREAST Jim Piper, AUS 2:19.29 2:19.57 Steven Ferguson, NZL Simon Cowley, AUS 2:21.04 50 FLY Geoff Huegill, AUS 24.33

25.05

25.15

52.86

53.54

200 IM

Theo Verster, RSA Leon Dunne, AUS 100 FLY Geoff Huegill, AUS Scott Miller, AUS

54.92 Theo Verster, RSA 200 FLY Justin Norris, AUS 1:59.54 2:01.02 2:01.05 Scott Miller, AHS Greg Shaw, AUS

Theo Verster, RSA R, van der Zant, AUS 2:03.84 2:04 76 Justin Norris, AUS 400 IM

4:27.08 Justin Norris, AUS 4:28.77 Dean Kent, NZL Jim Piper, AUS

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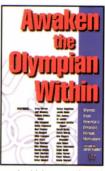
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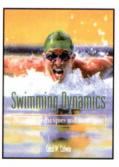
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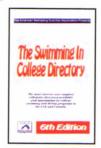


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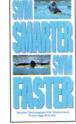
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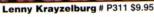
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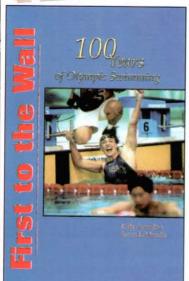


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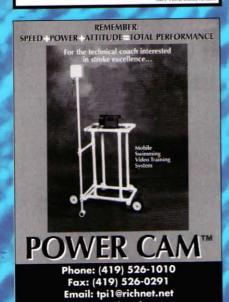


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# **Calendar**

<b>MAR</b> 2-5	Los Angeles, CA	_	Kirkland, WA March Challenge	10-12	New Brunswick, NJ New Jersey JOs	24-26	Goldsboro, NC ECSL Winter Championships		OR EVENTS	16-18	Indianapolis, IN NCAA Division I
	S. Calif. Invit.		Division I		908-464-0584						Women Champs.
	805-682-0135		425-486-0587	10-12	Cleveland, OH	04.00	919-778-8557	1-4	San Antonio, TX		317-917-6222
2-5	Middletown, CT	4-5	Snohomish, WA		LESI SC Champs.	24-26	Sewell, NJ		NJCAA M&W	16-19	Athens, GRE
	CSI AG Champs.		March Challenge		330-656-1285		"BB-C" Champs.		Championships		V FINA Short
	203-655-8228/306		Division II	10-12	Columbus, OH		302-792-9626		800-445-8612		Course World
2-5	Oxford, OH		360-563-0521		Ohio "A" Champs.	25-26	Gilroy, CA	1-4	Burnaby, Canada		Championships
	Ohio SR Champs.	4-5	Sumner HS, WA		614-459-4008		GGST Invitational		NAIA M&W	21-25	Anchorage, AK
	513-529-8155		March Challenge	11-12	Arcata, CA		408-842-8067	ı	Championships		Speedo Junior
3-5	Temecula, CA		Division V		HCA "C-B-A+"	25-26	Moreno Valley, CA	-	918-494-8828		ChampsWest
	Temecula JO		253-862-3629		707-822-2009		MVA "AA" Max	8-11	Buffalo, NY		719-578-4578
	Ditch Meet	4-5	Tacoma, WA	11-12	Valencia, CA		Championships	"	NCAA M&W	21-25	Orlando, FL
	805-682-0135		March Challenge		Canyons "BC"		800-682-0135		Division II		Speedo Junior
3-5	Crawfordsville, IN		Division VI		805-682-0135	25-26	Pacifica, CA		Championships		ChampsSE
5 5	Indiana SR State		253-761-3078	11-12	Sewell, NJ		SSFA "C-B"		317-917-6222		719-578-4578
	765-362-7822	4-7	Trov. NY		Mini Champs.		650-589-5277	9-11	Atlanta, GA	21-25	Buffalo, NY
3-5	Lincoln, NE	7 /	A-V Starfish		609-234-5898	25-26	Pasadena, CA	9-11	NCAA Division III	21 20	Speedo Junior
3-3			Develop. Champs.	11-12	Reno, NV	20 20	RBA "AA" Max				ChamosNE
	NA SR Champs.		518-767-9556	111-12	RENO Invitatioinal		Championships		Women Champs.		719-578-4578
	402-423-7251	9-11	Austin, TX		775-746-2434		800-682-0135	1.0.40	317-917-6222	28-1	Federal Way, WA
3-5	Akron, OH	9-11		11 10	Bartlesville, OK	25-26	Issaguah, WA	16-18	Atlanta, GA	20-1	
	LESI JR Champs.		All-American Swim	11-12	P66 Division II	23-20	Spring Grand		NCAA Division III		Phillips 66
	330-833-6916		Championships		918-661-5062		Challenge Div. IV		Men's Champs.		Nat'l, Champs.
			512-471-7771	45.40			425-557-2938		317-917-6222		719-578-4578
4-5	Anaheim, CA	9-12	New Haven, CT	15-19	Long Beach, CA	05.00					
	AA Quad Meet		CSI Senior Open		SCS 14&U JOs	20-20	Lakewood, WA	8-9	Simi Valley, CA	15	Centralia, WA
	805-682-0135	9-12	Middle Atlantic LSC		805-682-0135		Spring Grand		CSA "ABC"/		Hydro Warrior
4-5	Arroyo Grande, CA		MIDS	16-19	Middle Atlantic LSC		Challenge Div. VI		"A" Max.		2000
	Five Cities "ABC"		610-892-9055		AG Champs.		253-565-1972		805-682-0135		360-736-3983
	805-682-0135	9-12	Brown Deer, WI		610-892-9055	25-26	Mukilteo, WA	8-9	Frisco, CO	15-16	Concord, CA
4-5	Commerce, CA		13&Over State	16-19	Oklahoma City, OK		Spring Grand		Summit Spring		TERA "C-B"
	Commerce "AB"		Championships		Oklahoma JOs		Challenge Div. I		Open		925-680-TERA
	805-682-0135		262-654-2814		405-478-8611		425-774-4744		* F	15-16	San Luis Obispo, CA
4-5	Morgan Hill, CA	10-12	Pacifica, CA	17-19	Walnut Creek, CA	25-26	Seattle, WA		970-453-6770		Spring Splash
	El Toro "A+"		Pacific SR Champs.		WCAB "AA+"		Spring Grand	9	Castle Rock, CO		805-682-0135
	408-782-8804		650-323-7403		925-686-1286		Challenge Div. II	Ū	Little Cuda Open	15-16	Yucaipa, CA
4-5	Palo Alto, CA	10-12	Atlanta, GA	17-19	Nebraska		206-546-1036		8&U	. •	Yucaipa "BC"
	PASC "A+"		Metro Divisional		MWS Champs.	30-2	Pleasanton, CA		303-683-3427		805-682-0135
	510-794-8737		770-457-7946		402-462-5941		Far Western	14-16	Estes Park, CO	16	Kirkland, WA
4-5	Ventura, CA	10-12	Dalton, GA	17-19	Troy, NY		Championships	14 10	High Altitude	10	WAVE Pyramid
7.5	Buena "ABC"		North Divisional		LSC Champs.		925-484-3896		Classic Invitational		425-486-0587
	805-682-0135		770-217-6266		518-399-0494	APR	IL		970-586-5007	22	Santa Barbara, CA
4-5	Whittier, CA	10-12	Indianapolis, IN	17-19	Cincinnati, OH	1-2	Palm Springs, CA	14 16	Oak Harbor, WA		Spring Fling
4.0	LCAB Quad Meet		Indiana Age Group		Ohio "AA" Champs.		Piranhas ST "ABC"	14-10	Holland Happening		805-682-0135
	805-682-0135		Championships		513-761-3320		805-682-0135		Invitational	22	Colo. Springs, CO
4-5	Mahwah, NJ		317-842-0528	18	Berea, OH	1-2	University Park, PA		360-675-7665	22	CSST Springs, CO
4-5	Bronze Champs.	10-12	Wichita, KS		LESI 8&U Champs.		NLAC "AA-" Meet	15	Pueblo, CO		Pentathlon
	201-391-8354	10 12	WSC Division I		440-845-5306		814-863-3945	10			719-579-9657
4-5	Worthington, OH		316-683-1491	18-19	California	7-9	Aptos, CA		Santa Fe		110-010-0001
4-3		10-12	Asheville, NC	10 10	NCA "AA" Max.		CAB Invitational		Pentathion	00.00	Danuar CO
	Barbara Kay	10-12	Western "BB-B-C"		805-682-0135		831-662-8917	4.5	719-564-8389	26-30	Denver, CO TOPS Long Course
	Mini Meet		States	18-19	New Brunswick, NJ	7-9	Raleigh, NC	15	New York, NY		
4.5	614-436-5526		828-669-4311	10 13	Silver Champs.		RACR Invitational		The Big Swim (not	00	303-694-3482
4-5	Lehigh Valley, PA	10.10	Hillsborough, NC		908-850-3244		919-847-0900		open to USA Swim-	29	Simi Valley, CA
	ATAC Last Chance	10-12		24.26	Alameda, CA	8	Jonesboro, AR		ming members)		CSA "ABC"/
	"BC"		Central "B-C"	24-20	AA "C-B-A"	U	Agua Fest Invit.		212-369-8890/261		"A" Max.
	610-758-4692		States				870-972 <b>-</b> 6354				805-682-0135
4-5	Gig Harbor, WA	40.40	919-859-4881	04.00	510-522-4989 Charlette NC	8-9	Mission Viejo, CA	15	Bainbridge Isl., WA	29-30	Benicia, CA
	March Challenge	10-12	Omaha, NE	24-26	Charlotte, NC Tarheel State Meet	0-9	"AA" Max.		Ferry Boat Sprints		BBA "C-B-A+" Ic
	Division IV		OWSC Sub-LSC		704-846-5335		805-682-0135		206-842-4585		707-745-4525
	253-858-7151		402-571-2029		/ 04-040-0333		000-005-0100				



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30 Concord, CA WCAB Senior Ic 925-686-1286

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5-6 Augusta. GA
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6 Monterey. CA
MBSC 10&U
Championships
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NS 50s (all strokes)

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6-7 lowa City, IA ICE SR "A-BB" 319-351-3336 6-7 Austin, TX TXA LC Unclass, 512-471-7771

1-7 Corpus Christi. TX Citgo Unclassified 361-991-0402 -7 Federal Way. WA May Flowers "BC"/Senior

425-637-4623 12-13 Cuesta Cllege, CA PUMA "ABC" 805-682-0135

12-13 Eaton, CO Mother's Day Invit. 970-454-3697

12-14 Lakewood, CO FST Invit., Ic 303-988-7060

12-14 Charlotte. NC 8th Spring Fling 704-846-5335

704-846-5335 12-14 Goldsboro, NC GFY "BB" & Below 919-778-8557 13 Des Moines, IA CIA Open scy 515-232-0421

13-14 Augusta. GA 30th JR Jaguar 803-648-2973

13-14 Port Orchard, WA PSSC Develop., Ic 360-871-5182

19-21 Los Altos Hills, CA LAMV "B-A+" Ic 650-941-9560 19-21 Fort Carson, CO

Fort Carson "ABC" Invitational 719-522-1909

19-21 Atlanta. GA Dixie Classic 770-457-7946

19-21 Chapel Hill, NC Josh Weaver Mem. Meet on the Hill 919-933-4905

19-21 Raleigh NC Goodstuff East Coast Invitational 919-859-4881

19-21 Anacortes, WA 24th Spring Thunderbird Invit. 360-293-0673

19-21 Federal Way, WA Pacific Coast Championships 425-774-4744

20 Carpinteria, CA
 "ABC" "A" Max,
 805-682-0135
 20 Lakewood, WA
 CCAC Spring Fling
 253-531-4883

20-21 Fullerton, CA Fullerton "AB" lc 805-682-0135

20-21 Industry Hills, CA IHAC "AB" Ic 805-682-0135

20-21 Walnut, CA Gemini "AB" lc 805-682-0135

20-21 Scotts Valley, CA SCCA Invit., scy 831-475-2486

20-21 Simi Valley, CA CSA "ABC" Ic 805-682-0135 27-28 New Brunswick, NJ

Memorial Day Invitational 908-464-0574 20 Cedar Rapids, IA

CRAA Novelty scy 319-366-2485 21 Oakland, CA MONT 14&U Relay 510-339-8013

26-28 Santa Maria. CA Santa Maria "ABC" 805-682-0135 27 Pueblo. CO

Pueblo. CO
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Radiff Spring
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27-28 Fort Collins. CO FAST Pentathlon 970-416-8491

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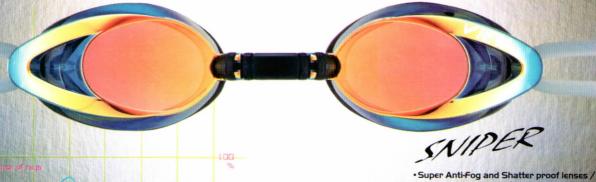
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