# SWIM-MASTER 

# CONFESSIONS OF A 44-YEAR-OLD BEGINNER 

By RICHARD O. PETERSON

The bottom of the pool dipped away from me, and I wondered why I had started at the shallow end instead of swimming toward it. I kept digging in, watching for the "T" at the end of the lane. It came sooner than I expected. One more breath and another stroke and I was there. I had just finished my first 25 yards of front crawl: And with the "right kind" of breathing:

Totally unremarkable to anyone who has been swimming for years -- nothing short of miraculous to me, a 44-year-old man with three months of good instruction and pleasant experience finally overriding years of uncertainty, clumsiness, and anxiety.

I was raised "inland" without much access to water by parents without much interest in swimming. I tried to learn in college, but that effort stopped after I tried to inhale the pool several times with disastrous results. I became quite satisfied with my sculling, an elementary backstroke, and a surface kind of breaststroke for short distances. No face in the water for me. Besides, most of my "swimming" was done with our children in the shallow water or at the shore jumping the waves. My "Y" membership was really a donation for allIused the pool

A couple years ago, our town of Westfield, NJ, built a beautiful 50-meter outdoor pool only six short blocks away. Even then I resisted the temptation to learn to swim. People in their 40's don't start learning to swim: The crisis came in 1972, when the pool manager marked off two center lanes the length of the pool and reserved them for swimmers doing lengths -- down one lane and back the other. I was suddenly envious, not only of my forever-swimming wife, but of my 18-year-old retarded daughter who could swim many lengths in her inimitable style. (She won a swimming medal in the New Jersey Special Olympics earlier this year.)

So I promised my wife I'd be a good student if she would help me learn to swim -- and really swim, not just paddle around. After all, she had lots of success with all those preschoolers in swimming classes.

To make a long story short, I have been "really swimming" for about six months now. I have lots of hard work ahead to refine all three strokes -- breaststroke and backstroke especially, with front crawl a poor third.

I'm lucky to have coaching from three experts -- my wife, our Masters Swim Team coach in Westfield (Earl Hulihan, and even Jim Counsilman (via his exceptional book, "The Science of Swimming").

Breathing at the right time with the right amount of air at the right location -- that's my toughest problem, probably as a result of my college fiascos. And when I overconcentrate on breathing, something else "falls apart" because I'm ignoring it. My strokes are not "grooved in", so I'm inconsistent and uneven at times, to say the least.

My problems are many -- but my pleasure is great! I think $I$ have something over the lifelong swimmer. My feeling of achievement is tremendous. There is always something new to experiment with, to discover, to enjoy. My satisfaction is doubled when I realize that I am now working on how to keep up a pace for 100 yards without stopping, when only six months ago I couldn't swim 25!

My wife entered her first competition early in December. My first competition is still ahead of me by several months -- but compete I will! I'm not concerned about breaking any records, except my own -- which is just as well when I realize that next year I move into the age group with Ransom Arthur, Duane Draves, Paul Hutincer, Hal Onusseit, Perry Rockwell, and Carl Yates -- all multiple record holders. Personally, I'm grateful to Buster Crabbe for pointing out, "Without a loser, you can't have a race".

And tell me, starting where $I$ did at 44 , enjoying every day the satisfaction and wellbeing of my new experience, how can I ever be a loser?


The author of the above article is a new Masters Program swimmer who also happens to be a psychologist collecting information about other Masters Swimmers and their views on swimming. If you are willing to fill out a short questionnaire, please drop a postcard with your name and address (and indicate how many questionnaires you need for your family or swimming colleagues) to: Dick Peterson, 307 Hyslip Ave., Westfiel d, NJ 07090. Dick will send questionnaires with return envelopes. He will report in SwimMaster some of the results of his study.
A. OBJECTIVES OF MASTERS DIVING PROGRAMS.

1. To offer the opportunity to continue conditioning of re-institute conditioning in those over 25 years of age who were formerly athletes or diving enthusiasts.
2. To encourage and promote physical fitness and improvements in health in those older individuals not previously involved in competitive or recreational programs.
3. To offer encouragement to individuals, clubs, organizations, and communities in the organizing and conducting of life-long physical, recreational, and competitive Masters programs.
4. To enhance fellowship among participants in Masters programs.
5. To stimulate interest in Masters programs at all levels of involvement -- physical educators, clubs, organizations, recreation directors, communities, medical societies, and higher educational institutions.
6. To stimulate research in the physiology and psychology of Masters participation of basic and clinical research levels, and further, to investigate the benefits of continued exercise programs on aging processes, cardiopulmonary involvement, orthopedic problems, and other preventable debilitating processes.
B. GOALS OF MASTERS DIVING PROGRAMS.
7. To outline safe Masters programs in diving for individuals over 25 years of age, taking cognizance of previous diving prowess or participation, non-participation, gradual programming, physical condition, and "medical wellness" of proposed participants.
8. To propose proper diving training for older age groups.
9. To consider programs which will provide goals towards which older participants can work, and motivation for continuing exercise regimens in spite of the inconveniences and the streases of adult life.
10. To set up proper age and ability groupings in the establishment of Masters diving programs, with well planned balancing of events, and limitation of duration and stresses of competitive programs with relation to these factors.
11. To promote adequate medical examination, and certification of participants for Masters programs, and suggest minimal requirements (standardized or otherwise).
12. To seek assistance for research programs in the medical aspects of Masters programs, and coordinate, if possible, present research programs in these areas.
C. RULES FOR MASTERS DIVING.
13. REGISTRATION. Masters competition is open to all registered athletes possessing a regular AAU card or a Masters AAU registration card. These cards are available from the AAU District Registration Chairman. Only persons who are professionals should apply for a Masters AAU registration card; all other individuals should secure a regular AAU card.
14. AGE GROUPS.
a.) Group I: $25-34,35-44,45-54,55$ and older.
b.) Group II: 25-29, 30-34, 35-39, 40-44, $45-49,50-54,55-59,65-69,70-79,80$ and older.
c.) National Championship meets shall consist of the age groupings in Group II above.
15. ELIGIBILITY. The eligibility of a participant for a particular age group will be determined by his age as of the first day of the meet.
16. DIVING RULES. AAU diving rules regarding execution of dives, degree of difficulty, and scoring will govern all Masters competitions.
17. SPECIAL EVENTS.
a.) Grand Masters. Those eligible to compete in Grand Masters events shall be those who have competed in the Olympic Games (representing any country) or who have placed in the top 3 places in the National

AAU Sr. Diving Championship in the event ( $1-\mathrm{M}$ or $3-M$ ) the individual is entering. b.) Clown Diving.
(1) Individual - limited to one diver and one announcer.
(2) Team - limited to two to five divers and one announcer.
6. REQUIPED DIVES, etc. for Region and National Championship meets.

| AGE GROUPS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\square_{0}$ |  | LMTT ON DD |  | Qual FOR <br> Finals |
| 25-29 | 5. | 5 | 12.0 | 3-3 | 8 |
| 30-34 | 5 | 5 | 11.5 | 3-3 | 8 |
| 35-39 | 5 | 5 | 11.0 | 3-3 | 8 |
| 40-44 | 4 | 4 | 9.5 | 2-2 | 8 |
| 45-49 | 4 | 4 | 9.0 | 2-2 | 8 |
| 50-54 | 4 | 4 | 8.5 | 2-2 | 8 |
| 55-59 | 3 | 3 | 7.0 | 2-2 | 8 |
| 60-64 | 3 | 3 | 6.5 | 2-2 | 8 |
| 65-69 | 3 | 3 | 6.0 | 2-2 | 8 |
| 70-79 | 2 | 2 | 3.7 | 2-1 | 8 |
| 80 \& older | 2 | 2 | 3.0 | 2-1 | 8 |
| Grand Masters | 5 | 5 | NONE | 3-3 | 8 |


| AGE GROUPS | WOMEN |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $Q_{5} Q_{0}$ |  | LIMIT ON DD |  |  |
| 25-29 | 5 | 5 | 11.5 | 3-3 | 8 |
| 30-34 | 5 | 5 | 11.0 | 3-3 | 8 |
| 35-39 | 4 | 4 | 9.0 | 2-2 | 8 |
| 40-44 | 4 | 4 | 8.5 | 2-2 | 8 |
| 45-49 | 4 | 4 | 8.0 | 2-2 | 8 |
| 50-54 | 3 | 3 | 6.5 | 2-2 | 8 |
| 55-59 | 3 | 3 | 6.0 | 2-2 | 8 |
| 60-64 | 3 | 3 | 5.5 | 2-2 | 8 |
| 65-69 | 2 | 2 | 3.5 | 2-1 | 8 |
| 70-79 | 2 | 2 | 3.0 | 2-1 | 8 |
| 80 \& older | 2 | 2 | 2.8 | 2-1 | 8 |
| Grand Masters | 5 | 5 | NONE | 3-3 | 8 |

The order of the optionals will be drawn on Thursday at 12 noon.
7. EVENTS
a.) 1-meter and 3-meter competition may be conducted for each age group.
b.) It is not necessary to conduct both 1 -meter and 3 -meter diving in meets. However, each age division shall include at least 1-meter diving.
8. NATIONAL CHAMPIONSHIP MEETS.
a.) National AAU Masters Diving Championship shall be awarded in the following categories:
(1) Men's \& Nomen's Indoor Diving (2) Men's \& Women's Outdoor Diving
b.) The Indoor meet shall be held between April 1 and May 15.
c.) The Outdoor meet shall be held between August 1 and September 1.
d.) The following rotation system shall bé used when awarding the National Championships.

| YEAR | ZONE I <br> (WEST) | ZONE II <br> (CENTRAL) | ZONE III <br> (EAST) |
| :--- | :--- | :--- | :--- |
| 1973 |  | Indoor | Outdoor |
| 1974 | Indoor | Outdoor |  |
| 1975 | Outdoor | Indoor | Indoor |
| 1976 |  | Outdoor |  |

If the zone scheduled for the meet does not have a qualified bidder, the meet may be awarded to any zone. e.) National Masters Diving Championships shall be awarded at the meeting of the National AAU Masters Diving Cominittee held at the National AAU Convention.

IMPLEMENTING YOUR COACHES IDEAS PAST/PRESENT MAY BRING YOU SUCCESS, A narration \& Reflection by Mark P. Coughlin

There are innumerable coaches who have con--tributed directly to the well being of life and sports. Among these are such notables as Pappy Pappenguth, Purdue University, Jack Persons, Duke University, Bill Armstrong, Ambassador Swim Club, Washington, D.C. and James Counsilman, Indiana University. I am fortunate to have swum for the first 3 of the above named coaches and have implemented current practices from Coach Counsilman via the mentoring of Captain Robert Watson, U.S. Army and former swimming coach from Kansas City.

Taking these renoun persons above into consideration, we might reflect upon the dynamic new constellation that is known as the Masters Movement. The founder, Dr. Ransom J. Arthur, M.D., U.S.N., is a man of great foresight, courage and determination. It is he who made it possible for all of us to become involved.

By Dr. Arthur's formula, swimmers can realize $90 \%$ of their achievements when they were in their prime swimming years. By empirical methods this has become a reality to many of us D.C. Master swimmers already in just a period of 6 or 7 months. I will choose 2 swimmers to bear out these observations.

But before confirming what Dr . Arthur proved by 5 years of research, I'd like to synopsize the teachings of four great coaches and the role that they played in my success.

1. Pappy Pappenguth believed in swimming over and under the event distance plus swimming a mile on time per stroke. Pappy said that good hard work never hurt anyone. He was a firm believer in condition and could tell how well any swimmer was doing by clocking them for 250 yards.
2. Jack Persons is very personal and warmhearted but won't hesitate to humble you if

[^0]you warrant such action. He believes in a pace type race x ......x in short, plan your race down to the time for each length. Quality swimming was more important than distance to his way of thinking.
3. Bill Armstrong developed many fine swimmers including Stanley Tinkham, celebrated coach of N.V.A.C., Arlington, VA. Bill had a sign ini his office which read; "Train like a Champion, Think like a Champion, Live like a Champion and YOU WILL BE A CHAMPION".
4. Finally we have to include James E.Counsilman, the most renoun Swimming Coach of Modern Time. In The Science of Swimming, Jim brings out in detail the concept of Interval Swimming which has so greatly changed the training regimen of most swimming coaches.
4a. Bob Watson, former Kansas City coach, has interpreted Dr. Counsilman and has passed this information on to this swimmer. Bob maintains that you should always practice the same way that you would swim in competition.

Now integrating the Teachings of 4 great coaches is what I have been engaged in.idoing in my training with some notable success.

Pappy taught me to do a conventional freestyle kick and how to utilize and relax in the fly; he also taught me the concept of thinking out the race and tempering myself to some tough conditioning.

Jack Persons was most benevolent. I remember him most for his detailed planning of each race. He would stress consistent pacing by having the swimmer write out the times for each $50 / 100$ yds, subsequently the swimmer would have someone get the actual splits. This would tell the swimmer a great deal about the progress he/she was making.

Bill Armstrong's slogan speaks for itself. One always has to pay the price if one expects to be a champion. Stan Tinkham is a personification of Bill Armstrong's influence. Stan coached the 1956 Women's Olympic team when he was only 26 after a brillant career with Ambassador Swim Club and the University of North Carolina.
Finally comes the heart of the matter x.....x Quality Swimming under Dr. Counsilman's guiding book, The Science of Swimming.

Captain Watson gave me a training regimen to follow from June 24 to Aug. 13. By follow ing his directions the concept of Interval Training began to materialize. In Indiana in the Nationals, in the 100 meter freestyle I swam 10 seconds faster than $I$ had ever
swum in my life in a long course pool. After the Nationals, I began swimming hard 400's 500 's and 600's with the goal of swimming the 1500 meters under 30 minutes. It resulted that on Sept. 9th I was timed by my daughter, Susan, in the metric mile in 27 min 48.7 secs.

Next was the meet scheduled for Oct 28th. I continued to follow Captain Natson's training regimen set up earlier in the summer. In an earlier meet held on May 7th, I had swum $1: 22.5$ in the 100 breast and $3: 08.5$ in the 200 breast. Now after 4 months of training for the July 23 meet, the Nationals, and the Oct 28th meet, I am able to measure the progress of myself and one other swimmer, Meredith Smith of Michigan State University. Both swimmers trained independently using similar training methods.

Dr. Arthur's Formula states that any swimmer who applies the rules of common sense, trains hard and follows his recommendations can realize $90 \%$ of his average Prime time.

Therefore:
100 yd brst $\frac{1: 13.0}{1}=\frac{1: 21.5}{x} \quad \frac{1: 09}{1}=\frac{1: 13.9}{x}$

$$
x=89.57 \% \quad x=93.37 \%
$$

200 yd brst $\frac{2: 46.0}{1}=\frac{3: 01.5}{x} \quad \frac{2: 38}{1}=\frac{2: 46}{x}$

$$
x=91.46 \% \quad x=95.18 \%
$$

A weighted mean can be applied to both sets of data:

$$
\begin{array}{rlrl}
1 \times 89.57 & =89.57 & 1 \times 93.37 & =93.37 \\
2 \times 91.46 & =\frac{182.92}{272.49} & 2 \times 95.18 & =\frac{190.36}{283.73} \\
& & & =94.58 \%
\end{array}
$$

It can readily be seen that Swimmer $B$ is accelerating towards a higher \% of realiza tion at a faster rate than Swimmer A, but both swimmers have already achieved $90 \%$ realization. Meredith Smith's rate is incredible and it appears that he will come very close to his average prime time in the next Masters Meet on Jan. 12, 1973.

In swimming, it may be concluded that Interval Swimming training is the key to successful Masters Swimming progress as displayed by the two examples shown above. It has recently been pointed out to me by Meredith Smith that Coach Ed Solotar recommends that breaststrokers endeavor to kick 100 yds in 1:30.0 or less. This would seem to me to be another stimulus for improvement of the breaststroke times for swimmers $A \& B$ and others participating in this event.

Finally, the great coaches that swimmers a $\varepsilon$ B were exposed to have been a tremendous help for the latter in their recondition ing program. The greatest stimulating factor of all has been the application of Dr . Counsilman's recommendations for Interval Training.


AUTOBIOGRAPHICAL SKETCH OF N. GENE NAGEL
I learned to swim around the age of 6 or 7 , and like most kids...I had an idol. At that time, he was a swimmer by the name of T. G. Robinson.
T.G.'s parents owned Robinsorls Swimming Pool in Plant City, Florida and I used to spend a lot of time there while visiting my grandparents during summer vacations. I would watch T. G. swim; then I would try to swim like he did. Eventually, he noticed this and started working with me. My swinming ability really improved.

It wasn't until my senior year in Plant High School (Tampa, Fla.) that I got involved in competitive swimming. This required a great deal of coaxing by a couple of friends on the team. It was a good year for both the team and myself. I anchored our freestyle relay which set a "Big10" record, made AllState at the state meet in Daytona Beach, and earned a letter in swimming.

Following high school, I swam A.A.U. for two summers. The high point of this occured in 1954 when I placed second in the Junior National 50 yard Freestyle.

The next time $I$ swam competitively was in March 1971 at the Southern Regional Masters Swimming Meet in St. Petersburg, Florida. But...this is getting ahead of my story.

For almost 17 years, the most strenous physical activity I engaged in was water-skiing, fishing, or watching television.

In October of 1966, I learned that I had high blood pressure on a pre-employment physical. This was quite a blow and worried me a great deal for the next couple of years. I didn't know what to do about it.

To make a long story short, I finally turned to the Lord. I asked Him to show me how to help myself. I told Him I would fight this high blood pressure if He would only show me how.

Continued on Page 12


| MEET RESULTS |  | MET $35-39$ |  | WOMEN 55-59 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 50 YD FREESTYLE Bill Robertson | 25.7 | $\frac{50 \text { YD FREESTYLE }}{\text { N. Clark } 58}$ | 37.4 |
|  |  | John Kennedy | 26.9 | 100 YD FREESTYLE |  |
| Pactific southwest results |  | 100 YD FREESTYLE |  | N. Clark | 1:29.2 |
|  |  | MEN 25-29 |  |
| Carman Ranch Masters |  |  |  | Bill Robertson 57.2 |  | 50 YD freestyce |  |
|  |  | John Kennedy | 1:03.2 | V. Meleski 26 | 24.1 |
|  |  | Jack Schmitt $\quad 1: 16$ |  | G. Stacey 26 | 24.2 |
| $100 \mathrm{M} \text { FREESTYLE } \begin{aligned} & \overline{\text { WOMEN }} 30-34 \\ & \hline \end{aligned}$ |  | $\frac{100 \text { YD FREESTYLE }}{\text { Jim Pope }} \quad 2.37 .6$ |  | J. Flanagan 26 | 24.4 |
| Judy Gannon 33 1:20.6 |  |  |  | ii. Sober 29 | 24 |
| Mary seth |  |  | 2:41.9 | s. Kennedy 25 | 27.1 |
|  |  | Jack Schmitt 2:57. | 100 YD FREESTYLE |  |
| Judy Gannon | 1:27.0 |  | $\frac{500 \text { YD FREESTYLE }}{\text { Jim McMahon }} \quad 7: 28.3$ |  | V. Meleski 26 | 52.8 |
| Marye Setil 33 | 1:59.5 | G. Stacey 26 |  |  | 54.5 |
| 50 M BUTTERFLY |  |  |  | 200 YD FREESTYL |  |
| Judy Gannon 33 | 40.8 | $\begin{aligned} & \text { John Kennedy } \\ & \text { 1650 YD FREESTYLE }\end{aligned} \quad 7: 44.8$ |  | K. ${ }^{\text {Baugher } 26}$ | 2:05.1 |
| Mary jeth $\frac{33}{\text { WOMEN }} 350.8$ |  | $\begin{aligned} & \text { Jim McMahon } \\ & 100 \text { YD BACKSTROKE } \end{aligned} \quad 26: 49.9$ |  | 500 YD FREESTYLE |  |
|  |  | K. Baugher 26 | 6:07.3 |
| 100 M FREESTTYLE ${ }^{\text {Wemen }}$ |  |  |  | $\frac{100 \text { YD BACKSTROKE }}{13 i 11 \text { Hewes }} \quad 1: 38.0$ | 1:38.0 | R. Morgan 27 | 6:34.1 |
| Barbara Wold $35 \quad 1: 44.1$ |  |  |  | 3. Kennedy 25 | 7:44.6 |
|  |  | Bill hewes $\quad 3: 28.9$ | 100 yd backstroke |  |
| Betsy Jordan 35 | 1:26.0 |  | $\frac{100 \mathrm{YD} \text { INDIVIDUAL MEDLEY }}{\mathrm{Jim} \text { Pope }} 1: 17.0$ |  | R. Morgan 27 | 1:09.8 |
|  | 1:46.9 | J. Costa 29 |  |  | 1:19.7 |
| $\frac{50 \mathrm{M} \text { BUTTERFLY }}{\text { Barbara Wold }}$ |  | MEN $40-44$ |  | 200 yd backstroke |  |
|  | 54.0 | $\frac{50}{}$ Bob Peach FRESTYLE 28.3 |  | R. Morgan 27 | 2:33.6 |
| Sele |  |  |  | J. Osta 29 | 2:45.6 |
| Jim Holmes 26 | 59.2 | Ray Cunningham | 29.4 | 100 YD BREASTSTROKE |  |
| Dave Szuch 29 | 1:04.5 | John Cerny | 32.8 | R. Husson 27 | 1:10.4 |
| Michael Goldkamp $29 \quad 1: 05.1$100 M BACKSTROKE |  | 100 YD FR |  | 200 YD BREASTSTROK |  |
|  |  | 1:00.4 | $\overline{\mathrm{R}}$. liusson 27 | 2:33.2 |
| Michael Goldkamp 29 | 1:15.4 |  | Ray Cunningham | 1:12.8 | R. Morgan 27 | 2:54.0 |
| Dave Szuch 29 | 1:20.6 |  |  | 50 YD BUTTERFLY |  |
| 50 M BUTTERFLY |  | Bob Beach100 YD BREASTSTROKE | :22 | J. Flanagan 26 | 25.6 |
|  |  |  | D. Ryan 28 | 27.2 |
| Jim Holmes 26 | 30.3 |  | $\frac{100 ~ Y D ~ B R E ~}{\text { John Cerny }}$ | 1:35.5 | II. Sober 29 |  |
| Michael Goldkamp 29 | 32.3 | $\frac{200 ~ Y D ~ B R E A S T S T R O K E ~}{\text { John Cerny }}$ |  | S. Kennedy 25 | 29.3 |
| Dave Szuch 29 |  |  | John Cerny $\overline{\underline{\text { IEN }} \text { 50-54 }} \quad 3: 47.0$ |  | 100 YD butterfl |  |
| Dave Szuch $\frac{29}{\text { MEN }} \quad 30-34$ |  |  |  |  | J. Flanagan 26 |  |
| 100 M FREESTYLE |  | 50 YD FREESTYLE |  | S. Kennedy 25 | :12.7 |
| Patrick schlup 32 | 1:03.7 | Herb Mcaluley | 25.3 | 100 YD INDIVIDUAL MEDLEY |  |
| $\frac{100 \mathrm{M} \mathrm{BACKSTROKE}}{\text { Rick }}$ |  | Bud Richardson 38.2 |  | K. Baugher 26 | 1:02.0 |
|  |  | 100 YD FREESTYLE |  | J. Flanagan 26 | 1:02.4 |
|  |  | 100 YD INDIVIDUAL MEDLEY |  | P. Scesney 29 | 1:04.8 |
| 50 M 3UTTERFLY |  |  |  | H. Sober 29 | 1:06.2 |
|  | 33.7 | $\frac{\text { Herb Mcaul }}{\text { M5-59 }}$ |  |  |  |
|  |  |  |  | 50 YD FREESTYLE |  |
|  |  | 50 yd freestyle |  | B. Forst 30 | 27.8 |
|  |  | Chuck Roy | 33.0 | B. Kolodney 31 | 32.2 |
|  | :25 | $\frac{100 \text { YD FREESTYLE }}{\text { Chuck Roy }}$ |  | B. Crickmer 31 |  |
|  |  |  | 1:21.1 |  |  |
|  |  |  |  | M. McElroy 32 | 57.7 |
|  |  | Chuck Roy | 3:16.9 | B. Forst 30 | 1:03.8 |
| Emory Coilege -- Decatur |  | MEN 60-64 |  | B. Kolodney 31 | 1:11.8 |
|  |  | 50 YD FREESTYLE |  | 200 YD FREESTYLE |  |
| $\text { Oct } 17-18 \frac{1922}{\text { WOMEN }} 25-29 \mathrm{Yd}$ |  | Jim Fraser |  | M. McElroy 32 | 2:07.8 |
|  |  | B. Shay 32 | 2:25.8 |  |  |
| 500 YD FREESTYLE |  |  |  |  |  | ${ }_{B}$. Forst 30 | 2:35.0 |
|  | 8:43.1 | Rockville, MD |  | B. Kolodney 31 | 2:38.5 |
| 100 YD BREASTSTROKE |  |  |  | 500 YD FREESTYLE |  |
| Lynn Cartee | 1:34.4 | Oct 28, $\frac{1972}{\text { WOMEN }} \frac{25}{20-34}$ Yd Pool |  | M. McElroy 32 | 5:57.2 |
| 200 YD BREASTSTROKE |  |  |  | B. Shay 32 | 7:00.9 |
| Lynn Cartee 3:26.8 |  | 50 yd FREESTYLE |  | B. Kolodney 31 | 7:02.2 |
| WOMEN 30-34 |  | N. Kelleher 32 36. |  | B. Forst 30 | 7:04.8 |
| $\frac{100 \text { YD BREASTSTROKE }}{\text { Iudith Schultor }}$ |  |  |  | B. Crickmer 31 <br> 100 YD BACKSTROKE |  |
|  |  |  |  |  |  |
| 200 YD BREASTSTROKE | 50.6 | 100 YD BACKSTROKE |  | M. McElroy 32 | 1:17.5 |
| Judith Schulton 3:57.4 |  | M. Morris 34 | 1:30.1 | 50 ẎD BUTTERFLY |  |
| 50 YD FREESTYLE |  | M. Kelleher $32 \quad 1: 39.6$ |  | B. Shay 32 | 29.9 |
|  |  | 100 YD BREASTSTROKE |  |  |  |
| Kay Manuel | 31.8 | M. J. Parks 33 <br> M. Morris 34 |  | 50 YD FREESTYLE |  |
| $\frac{100 ~ Y D ~ B A C K S T R O K E ~}{\text { Kay Manuel }}$ |  |  |  |  |  |  |  |
|  | 1:29.0 | 200 YD BREASTSTROKE |  | E. Izumi 39 | 28.2 |
| 50 YD FREESTYLE 4 ¢-49 |  | M. J J Parks 33100 YD INDIVIDUAL MEDLEY |  | D. Lanphier 36 | 29.5 |
|  |  |  |  |  |  | J. Tourtellotte 37 | 30.3 |
| 50 Ye EREESTYLE |  | $\overline{\text { M. J. Parks }{ }^{\text {W3 }} \text { WOMEN }}$ 35-39 ${ }^{\text {a }}$ |  | 100 YD FREESTYLE |  |
| 100 yd freestyle |  |  |  | J. Kalas 39 | 1:02.4 |
|  | :33.6 | 100 Yd $\begin{aligned} & \text { WoMEN } \\ & \text { ERESTYLE }\end{aligned}$ |  | L. Cohen 37 | 1:03.4 |
| 100 YD BREASTSTROKE |  | $\frac{100 \text { YD FREESTYLE }}{\text { D. Martin }} 36$ |  | ${ }_{\text {D. }}$. Lanphier 36 | 1:14.8 |
| Hermine Palmer 1:57.6 |  | J. Sullivan 39 $\quad$ 4:09.5 |  |  | 1:25.8 |
| $\frac{\text { MEN 25-29 }}{}$ |  |  |  | 200 YD FREESTYLE |  |
|  |  |  | 4:26.3 | J. Kalas 39 | 2:27.5 |
| Jay Platt | 24.1 | 500 YD FREESTYLE |  |  | 2:30.2 |
| John Rambo | 24.7 | J. Sullivan 39 | 11:00.5 | 500 YD FREESTYLE |  |
| Fred Stokes |  | D. Martin 36 |  | J. Kalas 39 | 6:56.5 |
|  |  | 100 YD BACKSTROKE |  | J. Bailey 38 | 7:07.5 |
|  |  | J. Sullivan | . 1 | R. Chen 39 | 7:36.1 |
| John Rambo 56.2 |  | $\frac{200 ~ Y D ~ B A C K S T R O K E ~}{\text { a }}$ |  | R. Benson 37 | 8:18.0 |
|  |  | ${ }^{\text {J. Sullivan }} 39$ | 4:08.3 | 100 YD BACKSTROKE |  |
| Jay Platt $1: 52.8$ |  | 100 YD BREASTSTROKE |  | R. Benson 37 | 1:14.0 |
| Bob Wi1son $2: 22.3$ |  | R. Monroe 35 | 1:41.4 | L. Cohen 37 | 1:22.7 |
| 500 YD FREESTYLE |  | H. Caraher $\frac{35}{\text { WOMEN }}$ | :48.5 | R. Chen 39 , | 1:39.6 |
|  |  | 50 YD PREESTYTE $40-4$ |  | 200 YD BACKSTROKE |  |
| $\begin{array}{ll}\text { Jay Platt } & 5: 12.4 \\ \text { John Sink } & 6: 38.2\end{array}$ |  | $\frac{50 \text { YD FREESTYLE }}{\text { Betty Mullen }}$ |  | R. Benson ${ }^{37}$ | 2:43.0 |
| 100 YD BACKSTROKE |  | Betty Mullen Brey J. Sunier 41 | ${ }_{38.1}^{29.5}$ | R. Chen 39 , | 3:45.8 |
|  |  | ${ }^{\text {J }}$. Sunier 41 | 38.1 | 100 YD BREASTSTROKE |  |
| Fred Stokes | 1:08.2 | $\frac{100 ~ Y D ~ F R E E S T Y L E ~}{\text { a }}$ |  | M. Smith 36 | 1:13.9 |
| John Sink$1: 10.9$ |  | B. Brey 40 200 YD FREESTYLE | 1:08.9 |  | 1:28.7 |
| $\frac{100 ~ Y D ~ R R E A S T S T R O K E ~}{\text { Fred Stokes }}$ (1:12.2 |  | $\frac{200 ~ Y D ~ F R E E S T Y L E ~}{3}$ |  | 200 YD BREASTSTROKE |  |
|  |  | B. Brey 40 50 YD BUTTERFLY | 2:50.7 | M. Smith 36 | 2:46.0 |
|  |  | $\frac{50 \text { YD BUTTERFLY }}{\text { B. Brey } 40}$ |  | R. Chen 39 | 3:11.9 |
| Russ Callen $\quad 1: 04.2$ |  | B. Brey 40 | 31.8 | A. Smith 36 | 3:23.1 |
| John Sink100 YD INDIVIDUAL MEDLEY |  | HOMEN 45-49 |  | 50 YD BUTTERFLY |  |
|  |  | 100 YD BREASTSTROKE |  | T. W. Adams 38 | 33.8 |
| Fred Stokes | 1:03.9 | M. Hamner 49 | 1:35.2 | J. Tourtellotte 37 | 37.6 |
| Russ Callen $\quad 1: 06.1$ |  | 200 YD BREASTSTROKE |  | J. Andrien 36 | 45.3 |
| John Sink | 1:10.7 | M. Mamner 49 | 3:33.8 | 100 YD BUTTERFLY |  |
|  |  | 50 YD Butterfly |  | J. Andrien 36 | 1:44.4 |
|  |  |  |  |  |  |  |
| Bob Wood $\quad 9: 15.3$ |  | $\frac{100 ~ Y D ~ I N D I V I D U A L ~ M E D L E ~}{\text { M. }}$ | ${ }_{1: 36.3}$ | L. Cohen 37 <br> E. Izumi 39 | $\begin{aligned} & 1: 11.8 \\ & 1: 18.0 \end{aligned}$ |
| 100 YD BACKSTROKE |  | $\text { WOMEN } 50-54$ | 1:36.3 | J. Tourtellotte 37 | 1:181.0 |
| John Martindale100 YD BREASTSTROKE$1: 12.1$ |  | $200 \text { YD FREESTYLE }$ |  | $\frac{\text { MEN } 40-44}{}$ |  |
| Bill Whorley $1: 11.2$ |  | H. Hummer 53 | 3:16.1 | $\frac{50}{} \mathrm{YD}$ Pr FRESTYLE |  |
| $\frac{200 ~ Y D ~ B R E A S T S T R O K E ~}{\text { Bill Whorley }}$ |  | $\frac{500 ~ Y D ~ F R E E S T Y L E ~}{\text { en }}$ |  | P. Slack 40 E. Emes 43 | 25.7 |
|  | $\frac{3}{\text { Bil1 Whorley }}$ $2: 37.7$ <br> $\frac{100 \text { YD INDIVIDUAL MEDLEY }}{\text { John Martindale }}$ $1: 11.4$ |  |  | 9:01.4 | E. Emes 43 | 26.8 28.5 |
|  |  |  | H. Hummer 53 | 3:47.8 | E. Tourtellotte 44 |  |
|  |  |  | 50 YD Butterfly |  | P. Phelps 44 | 30.8 33.0 |
|  |  |  | H. Humner 53 | 44.0 | J. Heath 44 | 33.9 |


B. Barnes
B. Rosqui
G. Plush
G. Plush
M. Martinez
50 YD BUTTERFLY
T. Brown
T. Brown
S. Hock
$\frac{100 \text { YD INDIVIDUAL MEDLEY }}{\text { W. Lear }}$
$\overline{\overline{\text { MEN } 30-34}}$

| 50 YD FREESTYLE |
| :--- |
| B. A1tentiof |
| 50 YD BUTERFLY |
| B. Bruner |

41.8
$\frac{100 \text { YD INDIVIDUAL MEDLEY }}{\text { B. Bruner }}: 14$.
0 YD FREESTYLE
. Lindell
100 YD INDIVIDUAL MEDLEY
30.5
C. Lindell $\overline{\overline{\text { MEN }} 40-44}$ : 20.0
$\frac{50 \text { YD FREESTYE }}{\text { Bill Williams } 42}$
J. C. Edgerton 40
D. Robinson
$\frac{50 \text { YD BUTTERFLY }}{\text { Bill Williams } 42}$
G. Mack
27.3
27.8
30.2
$\frac{100 \text { YD INDIVIDULL MEDLEY }}{3 \text { Bill Williams } 42}$
31.3
33.3
$\frac{100 \text { YD INDIVIDUAL NEDLEY }}{\text { Ed McVehil } \frac{51}{15 N-55-59}} 1: 20$


Nov $10-11 \frac{\text { Columbia, MO }}{\frac{1972}{\text { WOMEN }} 25-29}$ Yd Pool
50 YD FREESTYLE

| Irene David 28 |
| :--- |
| 200 YD INDIVIDUL MEDLEY |
| Irene David 28 |

28.78
$\frac{\frac{\text { WOMEN } 35-39}{\text { Sh YD FREETYLE }}}{\text { Shirley Myles } 37}$
50 YD FREESTYLE
Arlene Parman 42
100 YD BREASTSTROKE
50.85
$\frac{\text { Arl ene Parman 42 }}{\text { WOMEN 45-49 }}$
2:24.82

| 50 YD FREESTYLE |
| :--- |
| Ruth Lawson 47 |
| 100 YD BREASTSTROKE |
| Ruth Lawson 47 |

43.79

Mildred Anderson
200 YD FREESTYLE
$\begin{array}{ll}\frac{1}{\text { Mildred Anderson }} 58 & 4: 08.04 \\ \text { 100 YD BACKSTROKE }\end{array}$
100 YD BACKSTROKE 58
$\frac{100 \text { YD BREASTSTROKE }}{\text { Mildred Anderson } 58} \quad 1: 56.18$
$\frac{50 \text { YD BUTTERFLY }}{\text { Mildred Aderson }} 58$,
200 YD INDIVIDUAL MEDLEY
$\frac{200 \text { YD INDIVIDUAL MEDLEY }}{\text { Mildred Anderson } 58} \frac{4}{451.0}$
50 YD FREESTYLE
Don McIntosh 29
Terry Maul 26
Jim Fisher 25
200 YD FRESTYLE
Don McInt
$\begin{aligned} & \text { Don McIntosh } 29 \\ & \text { John Weinbrecht } 25\end{aligned} \quad 2: 06.00$
$\begin{array}{ll}\text { John Weinbrecht } 25 & 2: 13.06 \\ \text { Jim Fisher } 25 & 2: 35.42\end{array}$
$\frac{100 \text { YD BACKSTROKE }}{\text { Rick Budde 28 }} \quad 1: 13.39$
$\begin{array}{ll}100 \text { YD BREASTSTROKE } & 1: 31.01 \\ \text { John Weinbrecht } 25 & 1: 09.29\end{array}$

| Bob Barber 26 | $1: 18.56$ |
| :--- | ---: |
| 50 YD BUTTERFLY | $1: 10$ |
| Don McIntosh 29 | 26.09 |

$\begin{array}{ll}\text { Don McIntosh 29 } & 26.09 \\ \text { John Neinbrecht } 25 & 26.67 \\ \text { Terry Maul 26 } & 27.35 \\ \text { Rick Budde } 28 & 28.77\end{array}$
27.35
28.77


| 500 YD FREESTYLE |  |
| :---: | :---: |
| Lewis Nagy | 7：10 |
| Alfred Guth 69 | 8：13 |
| Bill Trask | 9：03 |
| Bill Greer | 9：23 |
| Rufus Clark 61 | 9：52 |
| 100 YD BACKSTROKE |  |
| Tom Monahan 62 | 1：25 |
| 100 YD BREASTSTROKE |  |
| Bill Loughborough | 1：33 |
| Rufus Clark 61 | 1：35 |
| Sam Bernstein | 1：38 |
| 100 YD BUTTERFLY |  |
| Alfred Guth 64 | 1：41 |
| Bill Loughborough | 1：42 |
| 100 YD INDIVIDUAL MEDLEY |  |
| Reg Richardson 61 | 1：21 |
| Bill Loughborough | 1：31 |
| Alfred Guth 64 | 1：33 |
| Rufus Clark 61 | 1：42 |
| Sam Beṙnstein | 1：45 |



Otter Masters＇Meet
Results
Men： 33 fy freestyle：25－29：1，Tiffany，
T．（York City BC） $14.9 ; 2$ ，Gordon，J． T．（York City BC ） $14.9 ; 2$ ，Gordon，J．
（Otter） $15.4 ; 3$ Vag，D．（Seagul）
16．5． 100 ．freestyle： $25-29: 1$ ，Gordon，



 30－34：1，Fairchild，R．（St．Martin）
1：08．6； 2 ，Milton，H．（Otter
Lloyd－Mostyn，R．（Otter）
$1: 12.13 .5$ ； 3，Loyd－Mostyn，R．（Otter）1：13．
100y butterfly： $30-34: 1$ ，Lloyd－Mosty
R．（Otter） $1: 03.4 ;$ 2，Richards，
（Highgate） $1: 05.0$ ， 3 ，Skidmore，
 ふ⿵冂

CELEBRITY MASTERS MEET
Denver，CO
Nov 19，$\frac{1972}{\text { WOMEN 25－29 }}$
50 Yd Pool．


50 YD FREESTYLE
Cindy Walters 26
J．Barnes
E．Reeves
Pat Kamm
$\frac{100 \text { YD FREESTYLE }}{\text { Cindy Walters } 26}$
100 YD BACKSTROKE
P．Kamm 25
J．Barnes
$\frac{100 \text { YD BREASTSTROKE }}{\text { Pat Kamm } 25}$ 30.21
35.85
36.32
38.98 1：12．12

1：29．90
1：28．70
$\frac{50 \text { YD BUTTERFLY }}{\text { Cindy Walters } 26}$
$\frac{100 \text { YD INDIVIDUAL MEDLE }}{\text { Cindy Walters } 26} \frac{\frac{\text { tion }}{\text { HoMEN } 30-34}}{1}$
33.80
$\frac{50 \text { YD FREESTYLE }}{\frac{\text { HOMEN } 30-34}{}}$
Ann Szucs
100 YD FREESTYLE
A．Heins 31
U．Stumpp 31
A．Szucs
100 YD BREASTSTROKE
U．Stumpp 31
$1: 35.53$
$1: 51.86$
U．Stumpp 31
100 YD INDIVIDUAL MEDLEY
A．Heins $\frac{3}{\text { WOMEN } 35-39}$
$\frac{\text { YD FREESTYEE }}{}$
50 YD FREESTYLE
100 YD FREESTYLE
K．Van Deusen 35
$\frac{100 \text { YD BREASTSTROKE }}{\text { K．Van Deusen } 35}$
38.19

K．Van Deusen 35
$\frac{50 \text { YD FREESTYLE }}{\text { Jody Anderson } 42}$

| Jody Anderson 42 | 1：41．46 |
| :---: | :---: |
|  |  |
| 100 YD BREASTSTROKE |  |
| Joan Cattanach 46 | 1：46．68 |
| 50 YD BUTTERFLY |  |
| Joan Cattanach 46 | 44.46 |
| 100 YD INDIVIDUAL MEDLEY |  |
| Joan $\frac{\text { WOMEN 55－59 }}{} 1: 42.49$ |  |
|  |  |  |
|  |  |
| Alys Richmond 56 | 55.30 |
| 100 YD BREASTSTROKE |  |
| Alys Richmond 56 | 1：58．62 |
| WOMEN 60－64 |  |
| 50 yd FREESTYLE |  |
| Micky Crisman 61 | 1：33．27 |
| MEN 25－29 |  |
| 50 YD FREESTYLE |  |
| Dennis West 27 | 23.20 |
| B．Barnes 27 | 26.05 |
| M．Peterson 26 | 26.84 |
| J．${ }_{\text {obin }} 29$ | 28.46 |
| L．Kull 27 | 30.26 |
| 100 YD BACKSTROKE |  |
| B．Barnes 27 | 1：14．95 |
| 100 YD BREASTSTROKE |  |
| D．West 27 | 1：09．09 |
| 50 YD BUTTERFLY |  |
| D．W st 27 | 26.56 |
| M．Pêtterson 27 | 29.98 |
| J．Tobin 29 | 31.28 |
| L．Kull 27 | 33.66 |
| B．Arnes 27 | 33.81 |
| J．Beren | 34.49 |
| 100 YD INDIVIDUAL MEDLEY |  |
| D．West 27 | 1：02．47 |
| J．Tobin 29 | 1：20．44 |
| J．Beren | 1：20．45 |
| L．Kull 26 | 1：28．55 |
| MEN 30－34 |  |
| 50 YD FREESTYLE |  |
| Dave Gibson 30 | 25.30 |
| Dennis Pistoll 31 | 26.89 |
| John Decker 31 | 32.43 |
| 100 YD FREESTYLE |  |
| D．Gibson 30 | 1：00．12 |
| D．Pistoll 31 | 1：01．30 |

$1: 48.97$
33.31
41.46

| 100 YD BACKSTROKE |  |
| :---: | :---: |
| B．Bruner 34 | 1：12．47 |
| 50 YD BUTTERFLY |  |
| D．Gibson 30 | 29.79 |
| 100 YD INDIVIDUAL MEDLEY |  |
| ．Bruner $\frac{34}{\text { MEN }} 35-39$ 1：13．71 |  |
| 100 YD BACKSTROKE |  |
| George Kenry 37 | 1：22．33 |
| 100 YD BREASTSTROKE |  |
| MEN 40－44 $1: 14.14$ |  |
|  |  |
| 50 YD FREESTYLE |  |
| Bill Williams 42 | 28.19 |
| D．Freeman 41 | 31.92 |
| 100 YD FREESTYLE |  |
| Bill Williams 42 | 1：00．84 |
| 100 YD BREASTSTROKE |  |
| D．Freeman 41 | 1：36．28 |
| 50 YD BUTTERFLY |  |
| Bill Williams 42 | 31.37 |
| D．Freeman 41 |  |
| 100 YD INDIVIDUAL MEDLEY |  |
| D．Freeman $\frac{41}{\text { MEN } 45-49} \quad 1: 25.48$ |  |
|  |  |
| 50 YD FREESTYLE |  |
| Bob Bond 46 | 32.48 |
| Bob McDermott 47 | 36.55 |
| 100 YD BACKSTROKE |  |
| Bob Bond 46 | 1：25．43 |
| Bob McDermott 47 $\quad 1: 31.39$ |  |
|  |  |
| 50 YD FREESTYLE |  |
| Dave Best53 | 29.70 |
| George Lutz 51 | 37.53 |
| 100 YD FREESTYLE |  |
| J．Himmil 51 | 1：19．52 |
| 100 YD BACKSTROKE |  |
| Joe Himmil 51 | 1：24．79 |
| 100 YD BREASTSTROKE |  |
| $\overline{\text { G．Lutz }} 5 \overline{51} \overline{\text { MEN }} 51: 43.87$ |  |
| 50 YD FREESTYLE |  |
| John Levett 55 | 29.90 |
| 100 YD FREESTYLE |  |
| M．Block 56 | 1：21．57 |
| 100 YD BACKSTROKE |  |
| Mathew Block 56 | 1：40．03 |
| 100 YD BREASTSTROKE |  |
| John Levett 55 | 1：32．14 |
| 100 YD INDIVIDUAL MEDLEY |  |
| John Levett $\frac{55}{\text { MEN } 65-69}$ 1－ 24.88 |  |
|  |  |
| 50 yd freestyle |  |
| Harold Davis 65 | 40.40 |
| 100 YD FREESTYLE |  |
| Harold Davis 65 | 1：32．19 |
| 100 YD BREASTSTROKE |  |
| Harold Davis 65 | 2：03．37 |


| Tom Moruzzi 31 | 30.2 |
| :---: | :---: |
| Howard Roberts 29 | 33.9 |
| Jim Thomas 30 | 38.3 |
| 100 YD INDIVIDUAL MEDLEY |  |
| Jim Ho？mes 26 | 1：04．7 |
| Rick Evans 31 | 1：05．1 |
| Bard Bruce 26 | 1：05．4 |
| Jack Meyer 32 | 1：06．3 |
| Michael Goldkamp 29 | 1：07．6 |
| Doug Mason 27 | 1：09．0 |
| Tom Moruzzi 31 | 1：11．0 |
| Howard Roberts 29 | 1：12．3 |
| Owen G．Clark 27 | 1：21．7 |
| Jim Thomas 30 | 1：29．9 |
| MEN 35 \＆OVER |  |
| 30 YD FREESTYLE |  |
| Alex Gilbert 39 | 27.4 |
| Alec Penny 49 | 27.9 |
| Don Van Rossen 43 | 28.5 |
| Reg Richardson 61 | 28.9 |
| Bud Schumacher 42 | 29.3 |
| Jerry Vickers 41 | 31.0 |
| Mel Maxwell 60 | 31.0 |
| Thomas Dowell 50 | 33.0 |
| Don Dobrott 40 | 33.2 |
| William Hyde 44 | 36.0 |
| Bruce Vatcher 39 | 39.4 |
| 100 YD FREESTYLE |  |
| Don Barrett 38 | 1：03．2 |
| Reg Richardson 61 | 1：05．7 |
| Bud Schumacher 42 | 1：03，0 |
| Frederick Herr 35 | 1：09．9 |
| Jerry Vickers 41 | 1：11．3 |
| Don Dotrrott 40 | 1：15．5 |
| Bill Seligman 48 | 1：17．0 |
| William Hyde 44 | 1：21．0 |
| Bruce Vatcher 39 | 1：28．1 |
| 50 YD BUTTERFLY |  |
| Alex Gilbert 39 | 29.6 |
| Don Van Rossen 43 | 31.4 |
| Thomas Dowell 50 | 33.7 |
| Bud Schumacher 42 | 34.7 |
| Mel Maxwell 60 | 34.6 |
| Reg Richardson 61 | 37.1 |
| Don Dobrott 40 | 47.9 |
| William Hyde 44 | 49.2 |
| Bruce Vatcher 39 | 1：03．5 |
| 100 YD INDIVIDUAL MEDLEY |  |
| Don Van Rossen 43 | 1：12．6 |
| Alex Gilbert 39 | 1：12．9 |
| Bud Schumacher 42 | 1：18．3 |
| Reg Richardson 61 | 1：21．0 |
| Mel Maxwell 60 | 1：23．5 |
| Thomas Dowell 50 | 1：26．5 |
| Don Dobrott 40 | 1：37．0 |
| William Hyde 44 | 1：43．2 |
| Bruce Vatcher 39 | 1：53．7 |


| Mesa，AZ |  |
| :---: | :---: |
| Dec 2， 1972 | 25 Yd Pool |
| WOMEN |  |
| 50 YD FREESTYLE |  |
| Edith Gruender 44 | 34.3 |
| Maya Feldhuhn 42 | 36.7 | 

$\frac{100 \text { YD INDIVIDUAL MEDLEY }}{\text { Cathy Kemper } 27}$
Diane Short 29

| 50 YD FREESTYLE |  |
| :---: | :---: |
| Betsy Jordan 35 | 31.1 |
| Barbara Wold 35 | 36.6 |
| Adrienne Pipes 38 | 37.4 |
| Ruth Bosch 43 | 40.8 |
| Virginia Phipps 48 | 43.6 |
| 100 YD FREESTYLE |  |
| Betsy Jordan 35 | 1：10．9 |
| Barbara Wold 35 | 1：22．5 |
| Adrienne Pipes 38 | 1：33．3 |
| Margaret George 56 | 1：38．8 |
| Ruth Bosch 43 | 1：42．5 |
| Virginia Phipps 48 | 1：45．1 |
| 50 YD BUTTERFLY |  |
| Betsy Jordan 35 | 35.5 |
| Barbara Wold 35 | 50.7 |
| Adrienne Pipes 38 | 56.2 |
| 100 YD INDIVIDUAL MEDLEY |  |
| Betsy Jordan 35 | 1：20．5 |
| Adrienne Pipes 38 | 1：49．7 |
| MEN 25－34 |  |
| 50 YD FREESTYLE |  |
| Tom Causey 25 | 25.4 |
| Jack Davisson 27 | 25.7 |
| Rick Evans 31 | 25.7 |
| Bard Bruce 26 | 26.0 |
| Howard Roberts 29 | 26.0 |
| Jack Meyer 32 | 27.4 |
| Owen G．Clark 27 | 28.3 |
| Jim Thomas 30 | 32.2 |
| 100 YD FREESTYLE |  |
| Michael Goldkamp 29 | 58.0 |
| Bard Bruce 26 | 58.3 |
| Rick Evans 31 | 59.1 |
| Tom Causey 25 | 59.8 |
| Jim Thomas 30 | 1：13．6 |
| 50 YD BUTTERFLY |  |
| Darrell Swenson 25 | 27.2 |
| Rick Evans 31 | 28.6 |
| Jack Meyer 32 | 28.9 |
| Bard Bruce 26 | 29.1 |
| Jack Davisson 27 | 29. |

34.2
44.8
$1: 23.2$
$1: 35.1$
$: 17.6$
$: 57.8$


1：10．9
$1: 22.5$
$: 33.3$
$1: 38.8$
$: 42.5$
35.5
56.2
：20．5

$\frac{100 \text { YD FREESTYLE }}{\text { Jack Geoghegan }}$ Dan Davis 30 Michael Laux 31 Bob Walden 33 Harold Hamilton 32 Bill Be11 31 David Voye 32 Joel Saperstein 34
200 YD FREESTYLE Dan Davis 30
Bob Walden 33 Roger Nekton 34 harold Hamilton 32 Joel Saperstein 500 YD FReEstyle Roger Nekton 34 Joel Saperstein 34
Harold Hamilton 32 Tom Monahan 30 $\frac{100 \text { YD BACKSTROKE }}{\text { Tom Monahar } 30}$ David Voye 32 $\frac{200 \text { YD BACKSTROKE }}{\text { Bob Kent } 31}$ $\frac{100 \text { YD BREASTSTROKE }}{\text { Roger Nekton } 34}$ 50 YD BUTTERFLY Jack Geoghegan
Michael Laux 31 3ob Kent 31
$\frac{100 \text { YD BUTTERFLY }}{\text { Jack Geoghegan }}$
Michael Laux 31
 Roger Nekton $\frac{14}{\text { MEN } 35-39}$ $\frac{50 \text { YD FREESTYLE }}{\text { A1an Johnson } 35}$ Roger Fromm 39
William Malone 35 $\frac{100 \text { YD EREESTYLE }}{\text { Mel Siebold } 37}$ Al an Johnson 35 Robert Coykendall 35 Rog Fromm 39 $\frac{200 \text { YD FREESTYLE }}{\text { Alan Johnson } 35}$ Bob Coykendall 35
Mel Siebold 37 500 YD FREESTYLE Robert Coykendall 35 Roger Fromm 39 $\frac{100 \text { YD BACKSTROKE }}{\text { Alan Johnson } 35}$ $\frac{200 \text { YD BACKSTROKE }}{\text { Alan Johnson } 35}$ Mel Siebold 37 $\frac{100 \text { YD BREASTSTROKE }}{\text { Louis Abel } 36}$ Bill Malone 35 $\frac{50 \text { YD BUTTERFLY }}{\text { Mel Siebold } 37}$ Rog Fromm 39
100 YD INDIVIDUAL MEDLEY Louis Abel $\frac{36}{\text { MEN } 40-44}$ $\frac{50 \text { YD FREESTYLE }}{\text { Ted Haartz } 44}$ L. Goldstone 43 Arthur Crooke 42 Kenneth Dawson 42 Everett
Dave Moorehead 40 Dave Moorehead 40
100 YD FREESTYLE Ted Haartz 44 L. Goldstone 43
Ken Dawson 42 Arthur Crooke 42 Dave Mooreheat 40 $\frac{200 \text { YD FREESTYLE }}{\text { L. Goldstone } 43}$ Ken Dawson 42 Arthur Crooke 42 Dave Moorehead 40 $\frac{500 \text { YD FREESTYLE }}{\text { L. Goldstone } 43}$ Al STein 44 Everett Snelling 42
Dave Moorehead 40 100 YD BACKSTROKE Ken Dawson 42
Bill Slocum 43 $\frac{200 \text { YD BACKSTROKE }}{\text { Ken Dawson } 42}$ Al Stein 44 Al Stein 44
Wm. Slocum 4 100 YD BREASTSTROKE

## 100 YD BUTTERFLY

Ted Haartz 44
100 YD rNDIVIDUAL MEDLEY
MEN 45-49
50 YD FREESTYLE Alan Hausman 47 100 YD FREESTYIE Chas Stephanos 45 Al an Hausman 47
200 YD FREESTYLE James Edwards 49

500 YD FREESTYLE


6:43.4 6:57.5

## 1:25.5

$2: 45.6$
$3: 35.4$
3:35.4
$1: 18.5$
$1: 50.7$
36.6

1:06.9
EY

29.4
32.2

1:08.6
1:14.2
$2: 51.3$
$2: 54.5$
8:25.0
1:17.5
3:03.5
1:33.6
33.8

Bill Uhrich 52
$\frac{50 \text { YD FREESTYLE }}{\text { Austin Newman } 57}$
John Merrill 55
$\frac{100 \text { YD FREESTYLE }}{\text { Austin Newman } 57}$
Austin Newman 57
Bill Parmalee 58
200 YD
Austin Newman 57 Bill Parmalee 58
500 YD FREESTYLE Austin Newman 57 John Merrill 55
Bill Parmalee 58 100 YD BACKSTROKE John Merrill 55
Stanley Pudell 56
200 YD BAKKSTROKE
John Merrill 55
Stanley Pudell 56
100 YD BREASTSTROKE
50 YD FREESTYLE $\frac{\overline{\text { MEN }} 60-64}{\text { Lawrence Smith } 60}$
1:11.3
$1: 13.2$
$2: 37.8$
$2: 54.5$
7:19.0
$8: 03.2$
8:03.2
$8: 15.0$
$1: 24.2$
$1: 36.0$
$3: 12.0$
3.44 .5
1:39.5
$\underbrace{\omega}_{i} \underset{\sim}{\omega} \underset{\sim}{\omega}=$
$1: 12.8$
$1: 20.7$
$1: 30.8$
$2: 56.6$
$3: 37.5$
10:18.3
$1: 31.7$
1.33 .7
2:55.1
1:50.2
53.8

2:07.7

## 4:37.9 <br>  <br> Lynchberg y meet

Dec 9, Lexington, VA $\quad 25$ Yd Pool

## 100 YD BREASTSTROKE

Mark Coughlin 44
Jay Fitzgerald 25
Jay Fitzgerald
Ted Taylor 28
Ted Taylor 28
1:04.67
$\begin{array}{ll}1: 20.77 \\ \text { Dr. Shumate } 30 & 1: 25.77 \\ \text { Dave Dut } & 1: 30.91\end{array}$
50 YD BuTTERFLY
50

## Jack Bchiltz 30 3ill Sterns 31 <br> Dr. Shumate 30

Ted Taylor 28
Dave Dutrow 5 ?
$\begin{array}{ll}33.07 \\ \text { Jay Fitzgerald } 25 & 33.47 \\ & 34.10\end{array}$

CHRISTMAS MASTERS MEET Dec 9, 1972 Long Beach, CA ${ }_{25}$ Yd Pool WOMEN $25!-29$ $\frac{100 \text { YD FREESTYL }}{\text { Dee Berger } 28}$ $\frac{100 \text { YD BACKSTROKE }}{\text { Dee Berger } 28}$ $\frac{100 \text { YD FREESTYLE }}{\frac{\text { WOMEN }}{}}$ $1: 45.0$ 1:47.5

## $\begin{array}{ll}\text { Nancy Gardner } 30 & 1: 07.8 \\ \text { Ingrid Daland } 30 & 1: 11.0\end{array}$

$\begin{array}{ll}\text { Roberta Eaton } 34 & 1: 11.0 \\ 100 \text { YD BACKSTROKE } & 1: 20.3\end{array}$
Ingrid Daland 30 $\quad 1: 18.1$
Roberta Eaton 34
1:41.1
100 YD BUTTERFL
1:21.9
100 YD INDIVIDUAL MEDLEY
$\begin{array}{ll}\text { Ingrid Daland } 30 & 1: 15.5 \\ \text { Nancy Gardner } 30 & 1: 23.2\end{array}$
$\begin{array}{ll}\text { Roberta Eaton } 34 \\ \frac{1: 30}{\text { WOMEN } 35-39} \\ \frac{100 \text { YD REESTYLE }}{\text { Betsy Jordan 35 }} & 1: 14.1\end{array}$
$\begin{array}{ll}\text { Barbara Wald } 35 & 1: 14.1 \\ \text { Judy Gilbert } 37 & 1: 25.9\end{array}$
$\frac{100 \text { YD BACKSTROKE }}{\text { Betsy Jordan } 35}$
Barbara Wold 35
$1: 14.4$
$1: 33.9$

| Judy Gilhert 37 | $1: 33.9$ |
| :--- | :--- |
| 100 YD BREASMMOME | $1: 41.4$ |

$\frac{100 \text { YD BUTTERFLY }}{\text { Betsy Jordan } 35}$
$1: 22.9$
100 YD INDIVIDUAL MEILEY
Barbara Wald 35
$1: 18.4$
$1: 35.7$
100 YD EREESTYLE
Anne Adams 44
100 YD BACKSTROKE
1:10.0
100 YD INDIVIDUAL MEDLEY
1:23.2
$\frac{100 \text { YD FREESTYLE }}{\text { WOMEN }}$
00 YD BACKSTROK
1:25.2
$\frac{100 \text { YD BREASTSTROKE }}{\text { Betty Talbot } 46}$
1:49.3
100 YD FREESTYL
Bette Crowe
100 yD Thompson 54
$1: 23.4$
$1: 30.3$
$\begin{array}{ll}\text { Bette Crowell 52 } & 1: 36.9 \\ \text { iola Thompson } 54 & 2: 00.1\end{array}$
$\frac{100 \text { YD BREASTSTROKE }}{\text { Rita Simonton } 54} \quad 1: 48.7$
100 YD INDIVIDUAL MEDLEY
$\begin{array}{ll}\text { Rita Simonton 54 } & 1: 38.8 \\ \text { Viola Thompson } 54 & 1: 39.5\end{array}$
$\frac{100 \text { YD BREASTSTROKE }}{\text { Bud Schumacher } 42}$
Bud Schumacher 42
Stan McConnell 41
tan McConnell 4
ohn Bakkila 4
Herb Nakama 42
Eugene Gudz
Eugene Gudz 43
Don Dobratt 40
$\frac{100 \text { YD BUTTERFLY }}{\text { Stan McConnell }}$
Stan McConne 42
$1: 10$.
$1: 14$.
$1: 18$.
$1: 18.3$
$1: 21.3$
Eugene Gudz $\frac{\text { MEN } 45-49}{100 \text { YD IREESTYE }}$
100 YD IREESTYLE
Duane Draves 46.
Norm Friege 45
100 YD BACKSTROKE .
59.8
$: 07.9$

1:08.4
53.3

1:06.8
1:05.4
56.3
59.2

100 YD INDIVIDUAL MEDLEY 59.2 Bruce Brown 25 Glyn Davies 27 Michael $\frac{\text { Goldkamp } 29}{\text { MEN 30-34 }}$
$\frac{100 \text { YD FREESTYLE }}{\text { Ed Spencer } 30}$
Tom Landis 30
Burt Hanner 3
Dick Stewart 32
Patrick Schlup 32
Howard Roberts 33
100 YD BACKSTROKE
Burt Kanner 33
Jack Meyer
Ric Condra
Ric Condra
$\frac{100 \text { YD BREASTSTROKE }}{\text { Dick Stewart } 32}$
Patrick Schlup
Howard Roberts 33
Ken Becktol 30
Ken Becktol 30
Jim Thomas 30
9
$\frac{100 \text { YD BUTTERFLY }}{\text { Ed Spencer } 30}$ ick Ster 30
Dick Stewart 32
57.9
1.01 .6

Jack Meyer 32
$1: 07.2$
$1: 07.4$
100 YD INDIVIDUAL MEDLEY
.
ö

$1: 23.7$
$1: 26.3$
$1: 28.1$
$1: 11.0$
$1: 17.7$
1:2
1:09.6

| Duane Draves 46 |
| :--- |
| Norm Frieze 45 |
| NEN $50-54$ |

100 YD FREESTYLE
$\frac{\text { MEN }}{\text { John Bricker } 52}$
L. E. Felderman 53
$1: 05.2$
$1: 06.5$
${ }^{1}=18.5$

| E. W. Neben 52 |
| :--- |
| $\begin{array}{l}\text { 100 YD BACKSTROKE } \\ \text { John Bricker 52 } \\ 100 \text { YD INDIVIDUAL MEDLEY }\end{array}$ |

51.9
52.1
54.8
55.8
58.3
59.4
$1: 12$.
59.4
$1: 12.5$

E. W. Neben 52
MEN 60 \& OVER
$\frac{100 \text { YD FREESTYLE }}{\text { Reg Richardson } 61}$
Reg Richardson
$\frac{100 \text { YD BACKSTROKE }}{\text { Reg Richardson } 61}$
Mel Maxwel1 60
Alfred Guth 64

Dec $10, \frac{\text { Wilmington, } \mathrm{DE}}{1972 \quad 25}$
Yd Pool
50 YD FREESTYLE 25 Carol Clay 26


27.059

| 29 |  |
| :--- | :--- |
| 18 | 29 | 29.935

ancy Mattson ${ }^{3}$

EET

Karen Hodel 30
Nancy Whe $\frac{\text { Wben } 35-39}{}$
Nancy Whedbee 36
Barbara Buakian 32.153
49.901

Nancy Whedbee 36
$\frac{100 \text { YD FREESTYLE }}{\text { Nancy Whedbee } 36}$
38.763


50 YD FREESTYLE
$\begin{aligned} & \text { Tink Bolster } \\ & \text { Kaye Meckelnburg }\end{aligned}$
T. Entwhistle $\frac{\text { MEN 25-29 }}{}$

$\frac{100 \text { YD FREESTYLE }}{\text { Mike Ilamilton } 29}$
53.400
$\begin{array}{lr}\text { Elam Hitchner } 26 & 55.521 \\ \text { Phil Gibbs } 28 & 57.985 \\ \text { Charlie Mc } & \end{array}$
$\begin{array}{ll}\text { Charlie McGinley } 27 & 1: 02.223 \\ \text { Don Smyder } 27 & 1: 03.344 \\ \text { Bob Aftanis 27 } & 1: 16.02\end{array}$
Bob Aftanis 27
500 YD FREESTYLE
$1: 03.334$
$1: 16.402$
Elam Hitchner 26
$5: 35.330$
$6: 22.897$
$\begin{array}{ll}\frac{100 \text { YD BACKSTROKE }}{} & \\ \begin{array}{ll}\text { Elam Hitchner 26 } \\ \text { Mark McElwee } 26\end{array} & 1: 03.357 \\ 1: 05.215\end{array}$
$\frac{100 \text { YD BREASTSTROKE }}{\text { Mike Cohen } 26}$
Elam Hitchner
1:10.7
$\begin{array}{ll}\text { Elam Hitchner 26 } & 1: 10.9 \\ \text { Don Snyder 27 } & 1: 14.356 \\ \text { Charlie McGinley 27 } & 1: 16.550\end{array}$
Phil Gibbs 28 1
$1: 16.550$
$1: 33.119$
$\frac{50 \text { XD BUTTERFLY }}{\text { Mike Hamilton } 29}$
25.691
26.416
26.785
27.805
28.225
28.590
29.194
29.654

John Kalmbach
Phil Gibus 28
Elam liitchner 26
Ned Haubein 26
Don Snyder 27
Mike Cohen 26

## $\frac{100 \text { YD FREESTYLE }}{\frac{\text { MEN } 30-34}{}}$

58.957

Bill Knecht 34
Tom Lundy 34
100 YD BACKSTROKE
Mike Mahoney 33
Steve Sauer 33
$\frac{100 \text { YD BREASTSTROKE }}{\text { Rick Field } 30}$
Steve Sauer 33
Bob Schumm 30
Vince Simonton
Mike Mahoney
33
$1: 09.639$
$1: 10.693$
1:12.407
1:14.058 $1: 16.871$
$1: 20.666$

## 100 YD FREESTYLE $\frac{\frac{\text { MEN }}{} \text { 35-39 }}{1}$

Paul Barrestyle
Bill Rash 35
$\begin{array}{lr}\text { John McGinley } 35 & 1: 01.039 \\ & 1: 03.957\end{array}$
$\begin{array}{ll}\text { John McGinley } 35 & 1: 03.95 \\ \text { Frank Hollgerson } 36 & 1: 17.121\end{array}$
Ken Harlacher 35
500 YD FREESTYLE
$\frac{500 \text { YD FREESTYL }}{\text { Paul Barren } 35}$
$\begin{array}{ll}\frac{100 \text { YD BREASTSTROKE }}{} & 6: 03.49 \\ \begin{array}{ll}\text { John MCGinley } 35 & 1: 17.053 \\ \text { Frank Holgerson } 36 & 1: 36.115\end{array}, ~\end{array}$
50 YD BUTTERFLY
Bill Rash $\frac{35}{\text { MEN } 40-44}$

$1: 03.487$
$1: 08.334$
$1: 12.783$
$1: 11.641$
$1: 24.147$
37.658
.
$1: 15.833$
$7: 32.244$
$1: 29.017$
$8: 42.623$


| Judy Smith $47 \frac{}{\overline{M E N}}$ |
| :--- |
| 50 YD FREESTYLE |

Jack Ridley
Ed Bruce 28
24
Jack Miller 30
James Bigler 37
Jerry Little 37
d Bruce 28
Andy Hathaway 25
200 YD FREESTYLE
Dennis Donovan 30
William Rule 40
$\frac{\text { Bob Miller } 44}{}$
Tony Canlis 28
Andy Hathaway 25
Leonard Longman 57
Fred Wiggin 56
$\frac{100 \text { YD BREASTSTROKE }}{\text { Tony Canlis } 28}$
Tony Canlis 28
Jerry Little 37
$\frac{200 \text { YD BREASTSTROKE }}{\text { Ted Snow } 25}$
Tony Canlis 28
Jack Ridley 28
100 YD BACKSTROKE
Michael Bryant 25
Glen H. Knitter 25
Fred Wiggin 56
200 YD BACKSTROKE
Bob Miller 44
Glen H. Knitter 25
Fred Wiggin 56
Tom Foley 38
100 YD BUTTERFLY
200 YD INDIVIDUAL MEDLEY Michael Bryant 25
Jack Ridley 28




| 100 YD FREESTYLE |  | 100 YD FREESTYLE |
| :---: | :---: | :---: |
| T. Landis | 52.3 | L. Osborne |
| D. Kim | 53.8 | G. Corson |
| B. Sakovich | 59.3 | 200 YD FREESTYLE |
| 200 YD FREESTYLE |  | L. Osborne |
| T. Landis | 2:01.9 | 500 YD FREESTYLE |
| D. Kim | 2:02.6 | L. Osborne |
| 500 YD FREESTYLE |  | 1650 YD FREESTYLE |
| B. Sakovich | 6:46.0 | L. Osborne |
| 1650 YD FREESTYLE |  | 100 YD BACKSTROKE |
| B. Lino | 27:33.4 | G. Corson |
| 200 YD BACKSTROKE |  | L. Osborne |
| W. Miyashiro | 2:56.3 | 100 YD BREASTSTROKE |
| 100 YD BREASTSTROKE |  | L. Osborne |
| J. Miki | 1:11.2 | MEN 65-69 |
| C. Kilbourne | 1:14.3 | 50 YD FREESTYLE |
| 200 YD BREASTSTROKE |  | J. Anderson |
| C. Kilbourne | 2:47.0 | 100 YD FREESTYLE |
| B. Lino | 3:03.9 | J. Anderson |
| 50 YD BUTTERFLY |  | MEN 70-79 |
| T. Landis | 26.6 | 50 YD FREESTYLE |
| C. Kilbourne | 32.5 | W. Laury |
| 100 YD BUTTERFLY |  | 100 YD FREESTYLE |
| T. Landis | 1:00.5 | W. Laury |
| C. Kilbourne | 1:12.3 | 200 YD FREESTYLE |
| 200 YD INDIVIDUAL MED |  | W. Laury |
| T. Landis | 2:32.9 | 1650 YD FREESTYLE |
| C. Kilbourne | 2:42.0 | W. Laury |
| W. Miyashiro | 2:47.5 | 100 YD BREASTSTROKE |
| MEN 35-39 |  | W. Laury |
| 50 YD FREESTYLE |  | K. Storz |
| R. Tanabe | 25.7 | 200 YD BREASTSTROKE |

57.3
$2: 18.0$
$6: 12.9$
23:44.7
$2: 42.0$
$2: 47.0$
2:47.0
$1: 15.7$
1:15.
2:49
26.6

1:06.8
$\frac{200 \text { YD INDIVIDUAL MEDLEY }}{\text { R. Tanabe }}$
50 YD FREE MEN $40-4$
L. Herman
A. We1ch
100 YD FREEST
A. Welch

200 YD FREESTYLE
$\frac{500 \text { YD FREESTYLE }}{\text { A. Welch }}$
$\frac{1650 \text { YD FREESTYLE }}{\text { A. Welch }}$
100 YD BACKSTROKE
A. Welch
F. Rohlf
F. Rohlfing
$\frac{\text { 200 YD BACKSTROKE }}{\text { A. Welch }}$
$\frac{100 \text { YD BREASTSTR KE }}{\text { A. Welch }}$
$\frac{200 \text { YD BREASTSTROKE }}{\text { A. Welch }}$
$\frac{50 \text { YD BUTTERFLY }}{\text { A. Welch }}$
$\frac{100 \text { YD BUTTERFLY }}{\text { A. Welch }}$
$\frac{200 \mathrm{YD} \text { INDIVIDUAL MEDLEY }}{\text { A. Welch }}$
50 YD FREESTYLE
F. Trask
100 YD FREs
$\frac{\text { F. Tras }}{200 \text { YD }}$
$\frac{200 \text { YD FREESTYLE }}{\text { F. Trask }}$
$\frac{\text { 500 YD FREESTYLE }}{}$
$\frac{1650 \text { YD FREESTYLE }}{\text { F. Trask }}$
50 YD FREE $\overline{\overline{\text { MEN } \quad 50-54}}$

## J. Welc 100 YD

J. Welch
200 YD FREESTYLE
J. Welch
$\frac{1650 \text { YD FREESTYLE }}{\text { J. Welch }}$
50 YD FREESTYLE $\frac{55-59}{\frac{\text { ENN }}{\text { STM }}}$
T. Haynie
T. Longma

100 YD FREESTYLE
200 YD FREESTYLE
1650 YD FREESTYLE
50 YD FREE $\frac{\text { MEN }}{\text { STYLE }}$
L. Osborne
29.0

2:28.8

25:17.4
$\frac{200 \text { YD FREESTYLE }}{}$

1:09.1
2:48.1
7:34.5
26:30.7
$1: 26.4$
$1: 53.9$
1:49.9
33.8

1:33.2
49.3

1:57.2
4:14.7
36:54.8
2:00.1
25.8
26.3
09.2
29.2
30.8
8.6
$1: 0.2$
$1: 01.5$
$1: 02.1$
$1: 03.8$
$1: 04.0$

$2: 04.2$
$2: 09.9$
$2: 09.9$
$2: 12.0$
$2: 20.1$
3:01.7
6:05.4
6:10.0
$7: 31.4$
1:09.0
$1: 10.0$
$1: 14.9$
1:19.1
$1: 23.5$
$1: 43.2$
29.9
28.7
29.3
31.5
$1: 07.8$
$1: 15.2$
1:08.9
$1: 08.9$
$1: 09.9$
$1: 12.9$
1:24.6

| 50 YD FREESTYLE |  |
| :---: | :---: |
| Reed Ringel 45 | 27.6 |
| John Calhoun 45 | 28.7 |
| Charles Dunwotth 56 | 32.2 |
| Hans Hellmann 45 | 32.8 |
| John Rosal 52 | 34.9 |
| 100 YD FREESTYLE |  |
| Robert Nelson 64 | 1:21.4 |
| 200 YD FREESTYLE |  |
| Reed Ringel 45 | 2:21.0 |
| John Calhoun 45 | 2:32.7 |
| Charles Dunworth 56 | 3:00.1 |
| Al Herreea 57 | 3:07.0 |
| 500 YD FREESTYLE |  |
| J. A. McGuire 68 | 1016.8 |
| 100 YD BREASTSTROKE |  |
| Hans Hellmann 45 | 1:29.6 |
| 100 YD INDIVIDUAL MEDLEY |  |

FIRST CLEVELAND MASTER'
Jan 7, 1973 Cleveland, ${ }^{\text {OH }}$
50 YD FREESTYLE
Lynn Daus
Debbie Budd
100 YD FREESTYLE
Lynn Daus
$\frac{50 \text { YD FREESTYLE }}{\text { Doris Zimmerman }}$
Doris Zimmerman $\frac{\text { WOMEN 35-39 }}{\text { WOT }}$
$\frac{50 \text { YD FREESTYLE }}{\text { Matty Talley }}$
Matty Talley
Mathann Kaase
Alice Hassin
Nancy Wyatt
$\frac{100 \text { YD FREESTYLE }}{\text { Matty Talley }}$
$\frac{\text { Alice } \frac{\text { Hassing }}{\text { WOMEN } 40-44}}{\text { (1) }}$
50 YD FREESTYLE
Connie Goldberg
Pearl McKillop
Pearl McKillop
Virginia Mildebrant
Nancy Kuzas
Joan Piper
100 YD FREESTYLE
$\begin{array}{ll}\text { Virginia Hildebrant } & 1: 18.4 \\ & 1: 40.7\end{array}$
Pearl McKill
Nancy Kuzas

1:55.1
$2: 11.3$
$2: 28.6$
$2: 34.1$
2:46.2
5:13.1
$7: 24.5$
$7: 46.1$
$8: 27.8$
$1: 03.4$
$1: 16.0$
$1: 20.8$
$1: 05.7$
$1: 10.3$
$1: 10.8$
$=: 3.7 .1$
$1: 22.8$
$1: 33.0$

WOMEN 45-49
50 YD FREESTYLE
100 YD FREESTYL
Charlotte Grimm
WOMEN 55-59 Louise McClintoc 100 YD FREESTYLE 50 YD FREE STYLE $\frac{\overline{\text { MEN }} 25-29}{}$ $\frac{50 \text { Richard Bauschard }}{\text { R }}$ Renne Crane steve Bogas Jim Stauffer Dan Iyre Dave Abineri Richard Arenas steve iesicki 100 YD FREE.STYLE Richard Bauscha Renne Crane
Dan Cahill Larry Yamahir Dan Hyre Steve Ciesicki 50 YD freestyle $\frac{50 \text { YD FREESTYLE }}{\text { John Bushman }}$ John Bushman Charels Lake Bob 3abiak Chris Limmerman 100 YD FREESTYLE John Medici Dieter Kulicke MEN 35-39 $\frac{50 \text { YD FREESTYLE }}{\text { Dick Siegrist }}$ Jay Lehr John Jazw 100 YD FREESTYLE 50 YD FREE $\frac{}{\text { MEN } 40-44}$ $\frac{50 \text { YD FREESTYLE }}{\text { Peter Van Dijk }}$ Bob Mueller Pieter Cath
Richard Seib Bill Piper William Mey Richard Jordan Donald IIildebrant Robert McKillop Harold Urban
100 YD FREESTYLE

| garden state masters |  |
| :---: | :---: |
| Berkelev Heights, NJ |  |
| Jan 13, 1973 | Yd Pool |
| MEN 25-34 |  |
| 100 YD FREESTYLE |  |
| Jack Hodgins | 54.8 |
| Bob Lemley | 55.8 |
| Hans Maeder | 56.3 |
| Spencer Ryan | 58.3 |
| Jeff Bandrowski | 58.5 |
| Bob Walden | 59.3 |
| Phillip Ooode. | 59.7 |
| Gary Knox | 1:00.4 |
| Sarold Hamilton | 1:02.7 |
| 100 YD BREASTSTROKE |  |
| Roger R. Gaby | 1:25.8 |
| 50 YD BuITEERFLY |  |
| Bob Lemley | , 26.2 |
| Spencer Ryan | 26.8 |
| Jack Hodgins | 27.8 |
| Jeff Bandrowski | 28.0 |
| Phillip Goode | 28.2 |
| 200 Yd INDIVIDUAL MEDLEY |  |
| llans Maeder | 2:27.9 |
| Joack Hodgins | 2:29.2 |
| Thomas Mionahan | 2:52.5 |

100 YD FRE $\frac{\overline{\text { MEN }} 35-44}{\text { CSTYLE }}$
C. Faurot

Jerry Zwirn
59.5
.00 .8 1:00.8 1:09.4

1:25.6
100 YD BREASTSTROKE
50 YD BUTTERFLY
$\frac{200 \text { YD INDIVIDUAL MEDLEY }}{\text { Charles Faurot }}$
30.0
$10^{\prime}$ YD FRE $\frac{\text { MEN } 45-54}{\text { ESTYLE }}$
2:37.4
Menry Lentzseh
Irving Grass
100 YD BREASTSTROKE
Ilenry Lentzseh
50 YD BuTPERFLY
$1: 13.6$
$1: 22.3$
$1: 43.2$
Henry Lentzseh
Irving Grass
200 YD INDIVIDUAL MEDLEY
Henry Lentzseh $3: 15.5$
100 YD FREESTYLE
Austin Newman
Sid Weinberg
$1: 10.2$
$\begin{array}{ll}\text { Sid Weinberg } & 1: 13.0 \\ \text { Oscar Sigrist } & 1: 19.5\end{array}$
100 YD BREA.ST STROKE
Oscar Sigrist
${ }^{1,52.3}$

## NOTICE

SWIM MEET SCHEDULE

Due to limited time and space I will have to devise another way of typing meet results. dous help by typing meet re sults in the same event order as they appear in the Top Ten Times listing. Also, if you use 10 year age groups, please use the competitor's age.


Dick Mesirov of Wynnewood, PA wishes there was more Masters Swimming activity in the Mid-Atlantic region. He says there is no activity within it's ol rort Anyone having a meet or wanting to start a Anyone having a meet or wanting to start a
program contact Dick at $215-265-4300$.

Fred Bradley of Scottsdale, AR writes that many years ago Lyle Collet and he swam toLyle is still at it and as good as ever We hope to see Fred at a big meet in the near future.

Have fun. Swim for at least 50 minutes a day! That's the prescription given a roomful of doctors at a medical staff meeting at Sarasota Memorial Hospital by Dr. Ransom J. Arthur and Cmdr. Richard Rahe. So find a nearby pool and take the plunge - send all worries away. Then swim hard for as long as you can. Speaking as physicians, Arthur and Rahe say swimming will make you feel betterand perhaps live longer.

Enid Uhrich of Mass. writes that"Both Conn. and New England Masters Club's have started cated in a different part of the district and this is preceded by a business meeting. and this is preceded by a business meeting. conely swimmers can get a chance at joint this goes well we may even hold two a month in our large districts. More and more we are finding that youngsters age group swimming ules are not always applicable. When we in any age group we find the tension eases and there are less scratches and people are happier. Although deck entries throughout a meet are a nuisance, they do encourage the newer contestant to enter more events - especially if he finds competition particularly light in his age group! However, deck entries are 50 ¢ more than pre-registering.

Syd B. Grange, Honorary Secretary of the Austrailian Swimming Federation and F.I.N.A. adults is a regular feature of club swimming programmes in many of our centres. The most outstanding is an organization known as the A.I.F. Swimming Association whose 700 -odd members served in the Defense Forces in World War II and in some cases World War I. The club to which I belong is the 'Manly Diggers Swimming Club' which has a membership of 180 and the average age would be mid-forties with at least 30 in the 60 and over group. Our oldest regular competitor is Dudley Barling, 72 years, who swims 50 meters in 43 sec . Oux best swimmers are Geof Ryan, aged 62 years whose time for 400 meters is $6: 37$; Phil Smith, just 58 swimming $6: 16$ secs; and then down to myself, age 59, 7:22 secs.
D.C. MASTERS SWIMMING PROGRAM CONTINUES GROWTH

By Meredith R. Smith, Jr.
Vice-President D.C. Masters Swim Team
The first annual Fall D.C. Metropolitan Masters Short Course swim meet took place Oct. 28. The Montgomery College pool at Rockville, $M D$ was the scene of the activity where sevènty-one contestants gathered for the third AAU sponsored Masters swim meet to be held in the Washington area. The first meet was held May 1972 and since that beginning only enthusiasm has been registered for the program.

54 men swam in 169 events and 17 women tested their ability in 50 events. The distaff side, at least percentage-wise, took top honors breaking 25 D.C. area records and three national Masters records. Former Olympic swimmer, Betty Mullen Brey, turned in a fantastic 31.850 yd butterfly time breaking her own 40-44 age group national record of 32.0, while Nancy Clark, 58, regained her national 100 yd freestyle record by going the distance in 1:29.2. Clark repeated with another national record time of 37.4 in the 50 yd free.

Most of the area records broken were set by D.C. area Master swimmers who participated in the first short course meet last spring and came back for this fall swim, stronger and faster. Some of the 200 yd times reflected more than 10 second meet to meet improvement!

The organization of the D.C. Masters swim team was officially announced during the meet and more than 30 immediately answered the call for even more rigorous competition on regional and national levels.

LOW TO PLAN A SUCCEJSFUL MAコ̇TER'S SWIM MEET
By Mildred Anderson
In planning your first Master's Swimming Meet, there are many factors to keep in mind. First, if you do not have access to your own pool, you will have to have permission to use an available pool. Second, decide on worthwhile awards to promote future meets.

If it is your first meet, make it as attractive to enter, be awarding not only practical awards (paper weights for example), and as many places as possible to guarantee all that enter a chance to win an award.

Next, select the events and be sure to include short enough events to attract the hesitant competitor; it may be their first swimming meet, or perhaps they haven't swum in a long time.

Send your entry applications out two months before the meet, if possible, to give everyone time to get into condition and to make plans to enter your meet. Contact everyone you can think of. Beat the bushes, so to speak, with letters, telephone calls, notice of meet in Swim-Master, and other swimming publications. Contact former swimmers , friends, parents of children in competition and coaches.

You hope, by scheduling your meet early, you will discourage other areas from scheduling a meet during the same week you plan to have your meet. Get the support of the newspapers.

In our first meet, we bent the rules by accepting late entries in any event, if there was an open lane. With a very qualified starter, our meet time was shortened, making it convenient for all.

A few weeks later, the answer to my prayers came. I was conversing with an acquaintance at church, who happened to be a retired Marine in his early 40 's. We got on the subject of physical fitness, and he told me about a book entitled Aerobics which was written by a Dr. Cooper. In fact, he loaned it to me to read.

While reading Aerobics, I learned that an Aerobic training program is very beneficial for the cardio-vascular system. Among other things, this type of training may lower the blood pressure. Not only that...but swimming is one of the Aerobic exercises. Fantastic!!

In April of 1971, I started my Aerobics training program. I have progressed in both distance and fitness.

Today, my workout averages 3300 yards daily. I do this 5 days per week. But.....the big news is that I have been able to stop one medication and cut the other in half that I take to control my blood pressure.

On top of all this, the Masters Swimming Program came into being. This is an excellent program, and serves as an additional incentive to stay physically fit.

# People you should know 

## By LLOYD MAFFITT

- A champion swimmer who negotiates industrial waters with equal skill - that's Max Hasbrouck.
Last August the 51-year-old Hasbrouck won the National masters championship in his age bracket at Bloomington, Ind., in the 100 -meter backstroke division. He was near the top in several other divisions.

In non-aquatic activity, he is industrial relations manager for lowa Industries.
"I've been with the company since 1956 and I'm still plugging away," he quipped (in case you missed the pun, Iowa Industries manufactures Champion spark plugs).

A native of Grundy Center, Hasbrouck is the son of Egin Hasbrouck of that city, and a graduate of its high school. Following high school graduation, he entered Central college at Pella, where he played center on the varsity football team.

His education interrupted by World War II, Hashrouck served in the U. S. Army from 1942 to 1946. He then enrolled at University of Northern Iowa at Cedar Falls, where he earned a Bachelor of Arts degree with a double major, business and social science; and went on to the University of lowa. where he received a Master of Arts degree in labor relations.

His first industrial job was with French \& Hecht, a Davenport firm that manufactures wheels and other equipment.

4 fter five vears with French \& Hecht, Hasbrouck came to Brulington to work for Iowa Industires.

WHILE STILL A STUDENT, HE HAD MARRIED Elaine Craft, a librarian at Marshalltown; they were married Sept. 28, 1941, at Lancaster, Mo. The Hasbroucks live at 1757 Pine; they have three sons; James, youth activities director for the YMCA at Davenport; Jerry, a candidate for a master's degree in structural engineering at the University of Iowa; and Jay, a student at Western Illinois university, Macomb, who is aiming for a coaching career.

In addition to swimming, Hasbrouck en' joys golfing and reading. He belongs to the YMCA and the American Society of Personnel Managers. He devotes many hours to community service each year, and has been active in the Salvation Army, YMCA, and Red Cross boards and the legislative committee of the Chamber of Commerce.


MAX E. HASBROUCK
Casting a weather eye over the Burlington economy, Hasbrouck finds it strong with every prospect of becoming stronger. "Burlington has diversity in industry,
which is important," he declared. "A city largely dependent on one big industry is always in a precarious position." .
"Here at lowa Industries, things tend to be stable. We have pretty steady employment for about 450 people. Because we manufacture a product that is absolutely necessary, we're not subject to the fluctuations that affect companies which make things that society can get along without in a pinch."
Hasbrouck believes labor-management relations will become better in the future, as labor leaders and industrialists "become better educated, more sophisticated, and better able to understand each other's problems."

In the future, more than now, Hasbrouck believes, labor contract negotiators will consider such intangibles as the working atmosphere.

The Max Hasbrouck of yesteryear was a fellow who "put up the 'Help W'anted' sign in the uindow when he needed people and exchanged it for the 'No Vacancy'sign when he wasn't hiring," Hasbrouck commented. "It's not so simple today."

Indeed it isn't, as the Max Hasbroucks of
modern industry cope with intra-plant problems ranging from labor disputes to alcoholic employes; problems relating to industry in particular and the economy in general; and bookcases of government -regulations dealing with everything from birth certificates to plant safety.

Hours of reading are required each week just to keep up but, as the feller said, "we just keep plugging along."

# THE OLD GROW YOUNG 

by Kelvin Juba

britain's, and probably Europe's, firstever Masters' Age Group Meet was held on November 17 and 18 at the City University Pool. This Meet was unique and probably will be the pacemaker for other sports in that amateurs competed with professionals for the first time in this Century.

As the person who started the idea, I can hardly give an assessment as to how successful this pilot scheme was, but I do know that all of the 80 to 90 competitors said that they would like to return next year. In all, there were some 250 entries. In the USA, Masters' swimming is expanding so rapidly, it looks as though it could catch up their Age Group programme within five years. The person mainly responsible for the development of Masters' swimming in the USA, Dr. Ransom Arthur, took many of his ideas while living in Britain and a member of Otter.

There were very few competitors who didn't take the Meet seriously. Ron Roberts, 54 years, produced the swim of the Meet with a cool 1:01.2 for 100 y freestyle - with more pressure he looked capable of about 56 or 57 seconds.

A conservative estimate would probably be that the number of entries and competitors in Masters' swimming will be trebled next year. There is a possibility that a competitive club for Masters' swimmers alone may be formed in Bristol and offers are already in hand for Meets to be sponsored in Southend, York, Bristol and London during the coming season. Why not join in ?

Sportsgear presented a trophy for the oldest winner at the whole Meet. The winner of this is still in debate... no one will own up!

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## FIRST CLASS




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$\frac{\text { SWIMMERS PROUD PARENTS ASSOCIATIOM }}{\text { By George Dickson }} \frac{10-11-66}{10}$
There's a group of people on this funny old earth It's might hard to establish their worth. You'11 find them planted on benches or seats Hanging around at swimming meets.
They're looked upon by officials and coaches
As a form of pest like termites or roaches.
If a name were given this form of creation T'would be the Proud Parents Association. With a casual glance at these fathers and mothers You'd swear they were normal as any others. But if a closer look you deign to try
You'll see a wild look within each eye. A stop watch clutched in each right hand Ere the gun goes off you'll see them stand. Then watch the change; you'll think you're dreaming As you hear them shoutirig, yelling, or screaming. Come on Norris, Jimmy or Joe
Pull, Pull, Pull, or Go, Go, Go.
No matter if the poor kid's busting his heart The main thing is, Did he get a good start? You think that's all - You don't know the score When the race is over, just hear them roar. What's wrong with the Judge, the Dopey Bum He's either blind or just plain dumb. Why even an owl in daylight could see That our Jimmy placed one, two, three. Then watch the poor coach as he vainly tries To explain the reasons, wherefores and whys. And assures them nexi time will be another story. And Mrs. Dickson mumbles...Jimmy wasn't beaten by much. At last they leave on their homeward way
For though they claim they can't stand much more If there's no more meets, boy, do they get sore.


[^0]:    f.) Entry fees for National Championship meets shall be $\$ 2.00$ per event. There shall be a $\$ 10.00$ surcharge for each individual entering the meet; $\$ 5.00$ of this shall become the property of the Meet Sponsor and the other $\$ 5.00$ shall pay for the Saturday evening banquet ticket for the contestant.
    9. MEDICAL EXAMINATION. Each competitor is strongly encouraged to have a complete medical evaluation before beginning Masters training. In addition, it is also recommended that each competitor have a physical check up immediately prior to Masters competition in order to insure his physical readiness for participation.

