



SWIM-MASTER

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Swimmer's Ear

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Swimmers suffer from otitis externa five times more than nonswimmers.¹ This problem is so common in swimmers that it is usually referred to as swimmer's ear. Otitis externa interferes with aquatic activities, and therefore is primarily a nuisance rather than a life-threatening condition. Although it usually causes little disability, two saturation dives in the North Sea were stopped because of incapacitating otitis externa, and several others were disrupted.²

A latency period of two to three days often occurs before symptoms of swimmer's ear manifest themselves, so the logical association with swimming or diving is not always made. Infections of the ear canal need not be associated with swimming and diving. However, in most instances there is an introduction of water into the ear canals, whether from bathing, showering, humidity, or accidental immersion.

Anatomic Considerations

The anatomy of the ear canal (figure 1) lends itself to ear infections. Water easily enters the long narrow ear canal during swimming, and moisture retained there may initiate a chain of events leading to otitis externa. If it spreads inward, contiguous ear structures are affected.

Diving mammals have made adaptations that prevent external ear problems. Seals, for example, have external skin flaps that cover their ear openings during dives and prevent water from entering the ear canals. Porpoises have no external auditory canal openings.

Interacting Factors

Three factors interact to cause ear infec-

tions: warmth, moisture, and microorganisms such as bacteria and fungi (figure 2). Since the temperature inside the ear canal is ideal for multiplication of microbes, it is almost always a factor in the genesis of ear infections.

Retained moisture is the critical variable in the development of ear canal infections. The longer the exposure—in bathing, showering, swimming, diving, and other humid environments—the greater the chance for infection.

Once moisture is retained in the canal, a self-perpetuating process may result (figure 3). Moisture tends to wash away the natural protective coating of cerumen (wax coating) and thus allow the skin to macerate. Maceration may also result from absorption of water in the canal.

Microorganisms normally do not live in the ear canal, but the canal is often exposed to them while bathing, showering, and swimming. These organisms multiply if the canal lining or the cerumen is disrupted, but they cause no difficulties if the skin of the canal remains healthy.

Individual Variations

Some individuals are prone to ear canal infections. Four factors predispose them to these conditions: first, excessively curved, narrowed, or partially obstructed ear canals (from cysts, bony growth, ear wax plugs, allergies, and dermatitides) tend to trap water. Such problems should be detected on a medical examination and corrected, if possible.

The second factor is the protection of the acid mantle of the cells lining the ear canal. Normally the ear canal lining is slightly acidic, which tends to retard the growth of microorganisms. Multiplication of microorganisms and softening of the external layer of the ear canal convert the canal from an acidic to a basic environment. Reestablishment of the acidic environment is of fundamental importance in controlling and treating ear canal infections. Individual variations in the effectiveness of the acid mantle may explain why some people are prone to ear canal infections while others are not, even when exposures are essentially identical.

The cerumen coating is the third factor. Insufficient cerumen can be as troublesome as too much. Absence of cerumen causes itching in the ear canal, so the temptation is to scratch with a fingernail or sharp object. Scratches disrupt the con-

tinuity of the ear canal lining and provide the opportunity for microorganisms to multiply.

The final factor is that of dermatitides affecting the ear canal linings. Such conditions compromise the protective factors of the canal lining.

Symptoms and Signs

Itching and pain are the main symptoms of swimmer's ear. Tenderness may be noted when pressure is applied around the external auditory meatus, the ear lobe is pulled, or the jaw is rocked from side to side. Suppurative discharge from the ear canal indicates severe infections. Decreased hearing may be caused by the accumulation of debris in the canal.

Symptoms of ear canal infections are easily differentiated from ear squeeze (barotrauma). Ear squeeze symptoms, including pain, decreased hearing, ringing in the ear, inability to "clear" the ears, and possibly blood-tinged sputum, occur during the descent phase of a dive and are noted immediately.³ In contrast, the symptoms of swimmer's ear manifest themselves hours or even days after exposure.

Even though ear canal infections are considered minor problems, symptoms should not be disregarded. If the inflammation moves inward, it can lead to a middle ear infection, interference with balance and hearing, and even brain infection. These complications are especially true for the very young, the elderly, and those with compromised immunologic defense mechanisms (patients on high steroid doses, on immunosuppressors, with gammaglobulinopathies, etc.).

Prevention

Otitis externa can be prevented or minimized by drying the ear canals after diving. Vigorously shaking the head or jumping with the head tilted to one side is effective in removing trapped water from the ear canal. Fanning the ear canal opening will have a drying effect too.

A hair dryer is even more effective.

Use of cotton-tipped applicators to dry the canal or remove ear wax should be avoided because (1) it may push the cerumen against the tympanic membrane; (2) it may abrade the canal lining, making it more susceptible to microorganisms; and (3) it may remove the ear wax that coats the canal.

Swimmer's ear is one of the few diving disorders in which use of drugs is advocated as a first-line measure for preven-

tion and treatment.⁴ Application of appropriate ear drops after exposure will prevent swimmer's ear. They usually contain a combination of ingredients: alcohols and glycols to reduce moisture, and boric or acetic acid (vinegar) to inhibit the rapid multiplication of microorganisms and to help maintain the lining mantle of the ear canal in its normal acid state.

Ear plugs do not prevent moisture from entering the ear because they do not provide water-tight seals. Sealing agents like petroleum jelly add to the accumulation of debris and trapping of moisture after the plugs are removed. If the plugs are inserted too firmly, they could cause pressure ischemia of the canal lining and make it more susceptible to microorganisms. If used while descending, the plugs can be forced deeply into the ear canals, making removal difficult or impossible.

Treatment

Medical attention is required for an infection of the ear canal. Alcohol to dry the moisture, acetic acid to restore the acid mantle, and antibiotics to impede bacterial growth are frequently used. If the canal is swollen and tender, a cotton wick soaked with Burow's solution (aluminum acetate solution) is inserted. The wick is kept saturated with the solution until the swelling resolves, usually in 24 to 48 hours. Swelling causes the pain symptoms associated with external otitis. Once the swelling has subsided, a properly trained person should remove debris from the ear canal. Then the dessicating, acidifying, and antibiotic ear drop regimen is instituted.

Summary

Ear canal infections may be minor in terms of their severity, but their frequency qualifies them as significant diving and swimming medical problems. Aquatic activities leave water that is frequently contaminated in the external ear canal. This retained moisture becomes the critical variable in the genesis of otitis externa.

Immediate treatment is essential when symptoms of ear canal infections are noted. These infections respond rapidly when properly treated. The diver or swimmer, however, should not resume swimming until the infection has resolved. Limiting interactions of the factors that contribute to ear canal infections should prevent recurrences. Individuals who have recurring ear canal infections require evaluation by an ear specialist. ■

Figure 1. Anatomy of the human ear

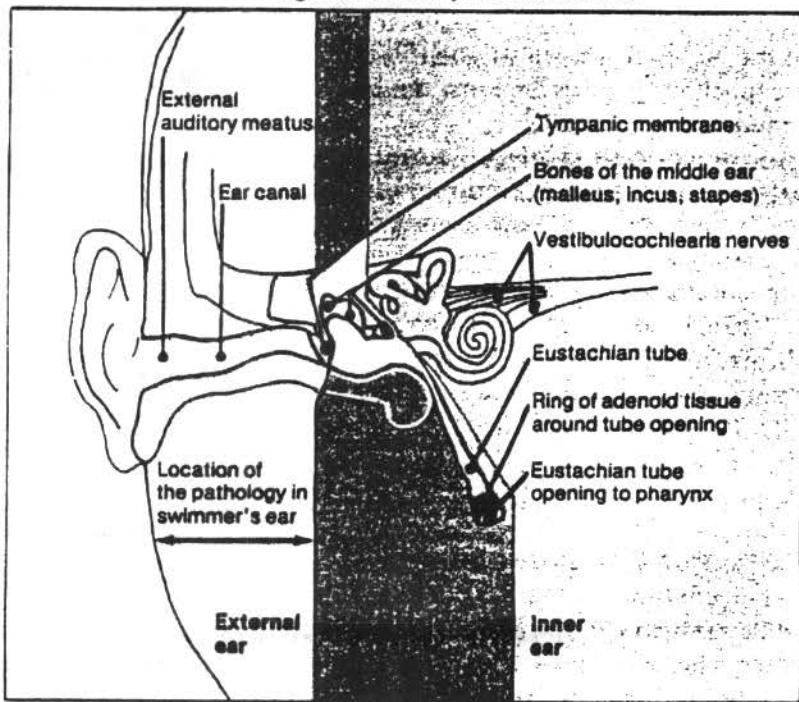


Figure 2. Factors that interact in the genesis of otitis externa

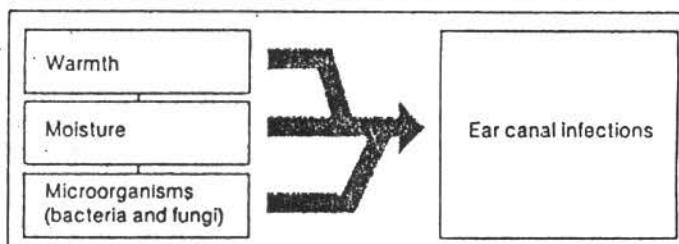
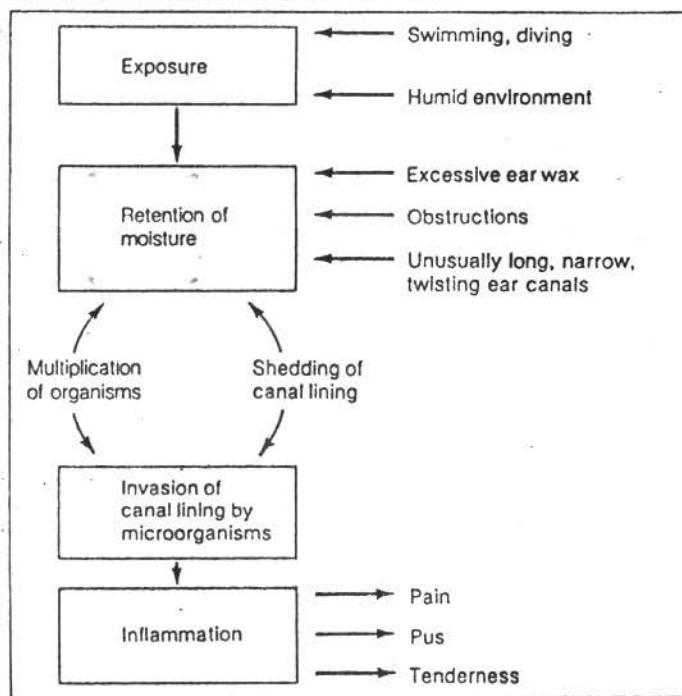


Figure 3. The vicious circle in swimmer's ear



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LENORE KIGHT WINGARD

20 National Freestyle
Championships
1933-1934-1935-1936

21 American Freestyle
Records

7 World Records - all
in Freestyle

3 National Championship
Relays
1932-1933-1934

Sullivan Memorial Award
1934 - 5th
1935 - 2nd

OLYMPIC GAMES
1932 - 2nd - 400 mtr
1st - Relay
1936 - 3rd - 400 mtr

Masters Records
70-74 age group
50-100-200 yd freestyle

1934



1984



PICTURED AT LEFT - Ella Peckham (Walnut Creek Masters) and Aldo Vieira da Rosa (Rinconada Masters) after completing the 1650 yards butterfly race. A total of 17 swimmers demonstrated their stamina by completing the race. Ella is 83 and swam the distance in 1 hour and 4 minutes.

PICTURED ABOVE - Members of the Arkansas Masters Swim Club Ron Bank-Mary Lou Jaworski-Rick Field (three in the back) Laverne Anderson-Ida Hlavacek-Hope Vowell

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I read, with considerable interest, "Making a Beauty Splash" in the FEB, 1984 SWIM-MASTER. I, as you know, am a newcomer to swimming. I was 45 when I learned to swim; entered my first-ever competition in 1977, at the age of 52. Hence, I read all the articles on swimming, dieting, warm-up, swim-down, etc. While I agree with many of the things which Jane Katz advocates, I feel obliged to point out some of the things which I do differently. Some, of course, are gender related, some are matters of preference and the rest are enforced by the situation in which I live, work and swim. In addition, I'd hate to have some other "late starter" think that masters swimming is a complicated as Ms. Katz makes it sound.

My life has become more organized as a result of my swimming. My "figure" is better than BM (before masters), but I can't claim a "toned figure" or "youthful skin" (I'm still working on the toning bit, but I think the youthful skin goal is unreachable for me). I've noticed that most women, and some younger men, are quite concerned about their hair. Since I don't have much left, I certainly don't worry about extra washings. I did think about putting conditioner on the tips of the hair in my beard and mustache, but that seems like a lot of work (do you think it would be a good think to do?).

Rather than arrange my swim around my day, I arrange my day around my swim time. It took a while to convince my colleagues not to schedule meetings between 11 am and 1 pm, but I have managed to do it. Invitations to lunch before 12:30 are not accepted, and the number of 10-12 am meetings I agree to is small.

My preparations for swimming are much less involved. Our pool opens at 11:15 am and it's a race for the lanes. It is out of the clothes, into your suit, grab your goggles, pull-buoy, paddles and GO! We have 15-25 swimmers in our workout group. There are another 6-10 regulars who swim slow enough that circle swimming with them is impossible. Hence, preparation before swimming must be minimized and warm-up is done in the pool. Actual swimming lasts 30-60 minutes, depending on how hard I want to work on a given day. There's always someone who quits at 1000 yards and at least one who wants to go 4K. Our Lunch Bunch works out 7 times a week, although not all swimmers make it every day.

After swimming comes a hot shower, washing of hair, etc. Then it is food and liquid time.

If Ms. Katz wants to drink water, that's OK, but a cold can of beer tastes better and has a lot more nutritional value than plain water.

Putting on make-up in the car may be all right for Ms. Katz, but I hope she does it before she starts to drive. It is frustrating to follow a car down a busy street when you realize that the driver of the car in front of you is putting on eye shadow and looking in the rear view mirror instead of watching the road. My "make-up" is limited to an occasional use of moisturizer on my face, but never while I'm driving.

My final comments have to do with the "complete locker" she maintains. I don't know the size of her locker, but mine is 12" x 18" by 36". I keep 2 suits and alternate their use. This is necessary since the locker is unvented and it takes 2 days for the suit to dry (I hate putting on a wet suit, particularly when it is cold). This also means that I can't leave a wet towel in the locker - if I did, and missed 2 days, the towel and suits would be covered with mildew. If I kept half of the rest of her list in the locker, there'd be no place to hang the clothes I take off. My locker contains:

2 suits
goggles
nose clip
cap (to keep the sun off bald head)
paddles
pull buoy
ear drops

Those are what I consider as the essentials - I carry my towel and, in an emergency, borrow anything else I need. (I thought about bringing in a hair dryer, just to see the effect it would have).

Keep running these good articles, I learn something from all of them. I may even try the lamb's wool and petroleum jelly - I hate ear infections.

EDITORS NOTE: This was a letter that I received from Howard and I enjoyed it so much that I thought some of the rest of you might enjoy reading it. Hope you don't mind sharing it, Howard!



Southern Connecticut
Mid-Winter Invitational
1/7/84
Sanction #02-84 25 yd.
*National Record

Women 25-29

50 yd. Freestyle

Marsha Roth 28

Barbara Anderson 28

Kathy Shanahan 25

Dani Hutchins 26

Randi Knudsen 27

Lynn Satkowski 29

J. Levin 28

100 yd. Freestyle

Marsha Roth 28

Barbara Anderson 28

Randi Knudsen 27

Kathy Shanahan 25

Darcy Fazio 29

Lynn Satkowski 29

Maraide Prior 27

200 yd. Freestyle

Peggy Erlenkotter 26

Randi Knudsen 27

Kathleen Terrio 27

Darcy Fazio 29

Lynn Satkowski 29

J. Levin 28

Carolyn Smith 25

500 yd. Freestyle

Darcy Fazio 29

50 yd. Backstroke

Sue Langenhan 26

100 yd. Backstroke

Cathy Kirkpatrick 26

Maraide Prior 27

200 yd. Backstroke

Dani Hutchins 26

Cathy Kirkpatrick 26

50 yd. Breaststroke

Peggy Erlenkotter 25

Kathy Shanahan 25

Maraide Prior 27

Carolyn Smith 25

100 yd. Breaststroke

Peggy Erlenkotter 26

Kathleen Terrio 27

Carolyn Smith 25

200 yd. Breaststroke

Peggy Erlenkotter 26

Kathleen Terrio 27

J. Levine 28

50 yd. Butterfly

Sue Langenhan 26

Barbara Anderson 28

100 yd. Butterfly

Dani J. Hutchins 23

Barbara Anderson 28

200 yd. Butterfly

Sue Langenhan 26

Dani J. Hutchins 26

100 yd. I.M.

Sue Langenhan 26

Kathy Shanahan 25

Maraide Prior 27

Lynn Satkowski 29

J. Levin 28

200 yd. I.M.

Peggy Erlenkotter 26

Kathleen Terrio 27

Darcy Fazio 29

400 I.M.-Sue Langenhan 26

Women 30-34

50 yd. Freestyle

Jerianne Donnelly 33

Martha McCarney 31

Suzanne Rague 33

Patty Spector 32

Ellen Lippmann 32

Vivien Abrams 34

Barbara Florentine 33

100 yd. Freestyle

Suzanne Rague 33

Vivien Abrams 34

Barbara Levine 30

Vivien Abrams 34

Kim Conner 31

200 yd. Freestyle

Suzanne Rague 33

Vivien Abrams 34

Barbara Levine 30

Kim Conner 31

500 yd. Freestyle

Suzanne Rague 33

Vivien Abrams 34

Kim Conner 31

500 yd. Freestyle

Suzanne Rague 33

Vivien Abrams 34

Kim Conner 31

100 yd. Backstroke

Suzanne Rague 33

Vivien Abrams 34

Barbara Levine 30

Kim Conner 31

100 yd. Backstroke

Suzanne Rague 33

Vivien Abrams 34

Barbara Levine 30

Kim Conner 31

200 yd. Backstroke

Suzanne Rague 33

Vivien Abrams 34

Barbara Levine 30

Kim Conner 31

500 yd. Backstroke

Suzanne Rague 33

Vivien Abrams 34

Kim Conner 31

500 yd. Backstroke

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Vivien Abrams 34

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Vivien Abrams 34

Kim Conner 31

500 yd. Backstroke

Suzanne Rague 33

Vivien Abrams 34

Kim Conner 31

500 yd. Backstroke

Suzanne Rague 33

| 45+ | |
|--------------------------------------|---------|
| <u>NEM</u> | |
| Walker 57 | 2:18.86 |
| Burbank 50 | |
| Martin 54 | |
| Read 49 | |
| <u>Conn. Masters</u> | |
| Adams 48 | 2:25.74 |
| Kamphausen 49 | |
| Scherzer 47 | |
| Vogt 47 | |
| <u>Metro Master</u> | |
| Pitts 52 | 2:35.46 |
| Evelson 54 | |
| Tebbens 54 | |
| Pitts 53 | |
| <u>200 yd. Free Relay</u> | |
| 45+ | |
| <u>Metro Master A</u> | |
| Gallagher 45 | 1:49.64 |
| Tebbens 54 | |
| Kapp 48 | |
| Pitts 53 | |
| <u>55+</u> | |
| <u>Metro Master</u> | |
| Damra 2 | 2:35.87 |
| Davis 56 | |
| Forbes 57 | |
| Perillo 62 | |
| <u>45+</u> | |
| <u>200 yd. Free Mixed Relay</u> | |
| <u>Metro Master</u> | |
| Pitts 53 | 2:38.16 |
| Tebbens 54 | |
| Pitts 52 | |
| Stanley | |
| <u>Men 25-29</u> | |
| <u>50 yd. Freestyle</u> | |
| William Skelley 25 | 23.02 |
| Niel Mitchell 28 | 25.19 |
| Richard Smith 26 | 25.25 |
| Clive Hallwood 29 | 25.27 |
| Robert Erlanger 29 | 25.80 |
| Michael Lancaster 28 | 26.36 |
| Dennis Darling 27 | 26.54 |
| Bill Ferro 26 | 27.06 |
| Stephen Bergethon 27 | 27.70 |
| <u>100 yd. Freestyle</u> | |
| Bill Skelley 25 | 51.37 |
| Gilbert Olson 28 | 54.24 |
| Neil Mitchell 28 | 54.97 |
| Clive Hallwood 29 | 55.19 |
| Dean Morris 25 | 55.35 |
| Dennis Darling 27 | 58.33 |
| Richard Smith 26 | 58.85 |
| Bill Ferro 26 | 59.34 |
| Michael Lancaster 28 | 59.98 |
| <u>200 yd. Freestyle</u> | |
| Clive Hallwood 29 | 2:01.57 |
| Thomas Nasal 28 | 2:01.43 |
| Gilbert Olsen 28 | 2:02.90 |
| Carlos Lloreda 29 | 2:05.08 |
| Dean Morris 25 | 2:07.23 |
| Bob Webber 27 | 2:11.43 |
| <u>500 yd. Freestyle</u> | |
| Clive Hallwood 29 | 5:36.53 |
| <u>50 yd. Backstroke</u> | |
| Bob Webber 27 | 30.13 |
| Bill Ferro 26 | 30.47 |
| Robert Erlanger 29 | 32.91 |
| <u>100 yd. Backstroke</u> | |
| Bob Webber 27 | 1:04.67 |
| Richard Smith 26 | 1:16.18 |
| John Herd 26 | 1:18.53 |
| <u>200 yd. Backstroke</u> | |
| Bob Webber 27 | 2:22.17 |
| Carlos Lloreda 29 | 2:22.63 |
| John Herd 26 | 2:45.50 |
| <u>50 yd. Breaststroke</u> | |
| Bill Skelley 25 | 29.31 |
| Stephen Bergethon 27 | 31.49 |
| Robert Erlanger 29 | 33.55 |
| Richard Smith 26 | 33.77 |
| Niel Mitchell 28 | 34.92 |
| <u>100 yd. Breaststroke</u> | |
| Stephen Bergethon 27 | 1:08.43 |
| Rob Erlanger 29 | 1:13.85 |
| <u>200 yd. Breaststroke</u> | |
| Stephen Bergethon 27 | 2:28.85 |
| Richard Smith 26 | 2:53.09 |
| John Herd 26 | 2:55.93 |
| <u>50 yd. Butterfly</u> | |
| Bill Ferro 26 | 30.80 |
| <u>100 yd. Butterfly</u> | |
| Bob Webber 27 | 1:07.54 |
| <u>100 yd. I.M.</u> | |
| Neil Mitchell 28 | 1:03.96 |
| Dennis Darling 27 | 1:06.72 |
| Bob Webber 27 | 1:06.82 |
| Bill Ferro 26 | 1:09.28 |
| <u>200 yd. I.M.</u> | |
| Carlos Lloreda 29 | 2:19.45 |
| Thomas Nasal 28 | 2:20.27 |
| Neil Mitchell 28 | 2:23.94 |
| Dean Morris 25 | 2:26.27 |
| 400 I.M.-Stephen Bergethon | 5:16.25 |
| <u>Men 30-34</u> | |
| 50 yd. Freestyle | |
| John Lapides 34 | 24.21 |
| Mike Rowe 30 | 24.92 |
| Alan Sokolow 33 | 25.25 |
| Blake Swihart 31 | 25.61 |
| Robert Darcy 30 | 25.83 |
| Mike Lockatell 30 | 26.56 |
| David Post 30 | 31.47 |
| Robert Theroux 34 | 34.55 |
| <u>100 yd. Freestyle</u> | |
| John Lapides 34 | 54.28 |
| Alan Sokolow 33 | 55.26 |
| Mike Rowe 30 | 55.33 |
| Reed Amaden 30 | 55.49 |
| Scott Smith 30 | 58.29 |
| Fred Dalby 34 | 59.18 |
| Mike Lockatell 30 | 1:00.58 |
| David Post 30 | 1:08.42 |
| Robert Theroux 34 | 1:24.64 |
| <u>200 yd. Freestyle</u> | |
| Mike Rowe 30 | 2:09.07 |
| Scott Smith 30 | 2:09.66 |
| David Post 30 | 2:38.41 |
| Robert Theroux 34 | 3:38.41 |
| <u>50 yd. Backstroke</u> | |
| Robert Theroux 34 | 46.12 |
| <u>50 yd. Breastroke</u> | |
| Robert Darcy 30 | 32.26 |
| Alan Sokolow 33 | 34.70 |
| Blake Swihart 31 | 36.08 |
| Robert Theroux 34 | 40.55 |
| <u>100 yd. Breaststroke</u> | |
| Rob Darcy 30 | 1:12.08 |
| Blake Swihart 31 | 1:15.17 |
| Scott Smith 30 | 1:15.85 |
| <u>200 yd. Breaststroke</u> | |
| Robert Darcy 30 | 2:46.22 |
| <u>50 yd. Butterfly</u> | |
| Fred Dalby 34 | 30.48 |
| <u>100 yd. Butterfly</u> | |
| Reed Amaden 30 | 1:03.70 |
| Fred Dalby 34 | 1:09.14 |
| <u>100 yd. I.M.</u> | |
| Alan Sokolow 33 | 1:05.18 |
| B. Swihart 31 | 1:06.22 |
| Robert Darcy 30 | 1:07.24 |
| Scott Smith 30 | 1:08.97 |
| <u>200 yd. I.M.</u> | |
| Alan Sokolow 33 | 2:22.64 |
| Reed Amaden 30 | 2:28.33 |
| Fred Dalby 34 | 2:33.15 |
| Scott Smith 30 | 2:34.50 |
| <u>Men 35-39</u> | |
| <u>50 yd. Freestyle</u> | |
| J.A. McCarthy 39 | 24.25 |
| Stephen Broker 36 | 24.65 |
| Ted Bears 38 | 25.34 |
| Paul Epstein 37 | 28.13 |
| Charles Horgan 39 | 29.25 |
| Lawrence Juskot 35 | 30.46 |
| Coulter Young 37 | 33.35 |
| Bill Golas 36 | 34.20 |
| <u>100 yd. Freestyle</u> | |
| Stephen Broker 36 | 54.03 |
| John McCarthy 39 | 54.07 |
| Ted Bears 38 | 57.66 |
| Paul Epstein 37 | 57.66 |
| Charles Horgan 39 | 1:00.65 |
| Steven Barber 37 | 1:04.31 |
| Paul Epstein 37 | 1:06.64 |
| <u>200 yd. Freestyle</u> | |
| Bob Cahill 36 | 2:01.43 |
| John Bender 44 | 2:21.78 |
| Charles Horgan 39 | 2:25.95 |
| William Such 35 | 2:33.10 |
| Richard Monahan 42 | 2:50.81 |
| <u>100 yd. Backstroke</u> | |
| Bob Cahill 36 | 1:11.32 |
| Bill Golas 36 | 1:39.37 |
| <u>200 yd. Backstroke</u> | |
| Bob Cahill 36 | 2:38.10 |
| Bill Golas 36 | 3:48.52 |
| <u>50 yd. Breaststroke</u> | |
| Al Mulcahy 35 | 31.65 |
| James DiPaola 35 | 31.96 |
| Phil Prather 35 | 33.93 |
| <u>100 yd. Breaststroke</u> | |
| James DiPaola 35 | 1:09.48 |
| Al Mulcahy 36 | 1:10.96 |
| Phil Prather 35 | 1:16.56 |
| Steve Barbee 37 | 1:18.31 |
| Paul Epstein 37 | 1:24.25 |
| <u>200 yd. Breaststroke</u> | |
| James DiPaola 35 | 2:34.49 |
| Al Mulcahy 35 | 2:35.56 |
| Phil Prather 35 | 2:49.44 |
| <u>50 yd. Butterfly</u> | |
| James DiPaola 35 | 27.67 |
| Bob Cahill 36 | 32.11 |
| <u>100 yd. Butterfly</u> | |
| James DiPaola 35 | 1:01.98 |
| Bob Cahill 36 | 1:15.57 |
| Joe Coplan 38 | 1:02.20 |
| Ted Bears 38 | 1:03.20 |
| <u>200 yd. Butterfly</u> | |
| Bill Golas 36 | 3:36.73 |
| Joseph Coplan 38 | 2:22.45 |
| <u>100 yd. I.M.</u> | |
| Stephen Broker 36 | 1:02.15 |
| Paul Epstein 37 | 1:16.05 |
| Lawrence Juskot 35 | 1:16.43 |
| Bill Golas 36 | 1:30.17 |
| <u>200 yd. I.M.</u> | |
| Joseph Coplan 38 | 2:30.89 |
| Steven Barbee 37 | 2:40.74 |
| William Juch 35 | 2:51.08 |
| <u>Men 40-44</u> | |
| <u>50 yd. Freestyle</u> | |
| J. Bendon 44 | 24.90 |
| Mike Clogget 41 | 27.03 |
| Robert Komenda 44 | 27.69 |
| Richard Monahan 42 | 28.59 |
| John O'Mally 43 | 30.02 |
| Doug Clelford 42 | 30.07 |
| Raymond Thornburg 44 | 33.34 |
| Sal DiFranco 41 | 35.13 |
| <u>100 yd. Freestyle</u> | |
| J. Bendon 44 | 56.20 |
| Mike Clogget 41 | 59.73 |
| Robert Komenda 44 | 1:02.45 |
| Richard Monahan 42 | 1:04.29 |
| Doug Clelford 42 | 1:12.34 |
| Raymond Thornburg 44 | 1:17.04 |
| Sal DiFranco 41 | 1:22.89 |
| <u>200 yd. Freestyle</u> | |
| Daniel Davis 41 | 2:11.28 |
| Robert Komenda 44 | 2:21.62 |
| Richard Monahan 42 | 2:24.53 |
| <u>50 yd. Backstroke</u> | |
| Peter Michel 40 | 33.61 |
| Bernard 41 | 36.57 |
| Doug Clelford 42 | 39.77 |
| Raymond Thornburg 44 | 44.55 |
| John O'Mally 43 | 48.45 |
| <u>100 yd. Backstroke</u> | |
| John Bender 44 | 1:16.19 |
| Mike Clogget 41 | 1:20.67 |
| <u>50 yd. Breaststroke</u> | |
| Peter Michel 40 | 31.97 |
| Jim DeSimone 41 | 36.81 |
| Edward Morgan 44 | 38.13 |
| John O'Mally 43 | 39.11 |
| Mike Clogget 41 | 41.19 |
| <u>100 yd. Breaststroke</u> | |
| Pete Michel 40 | 1:10.85 |
| Mike Laux 42 | 1:15.39 |
| Jim DeSimone 41 | 1:23.02 |
| John O'Malley 43 | 1:29.18 |
| <u>50 yd. Butterfly</u> | |
| Peter Michel 40 | 31.97 |
| Jim DeSimone 41 | 36.81 |
| Edward Morgan 44 | 38.13 |
| John O'Mally 43 | 39.11 |
| Mike Clogget 41 | 41.19 |
| <u>100 yd. Butterfly</u> | |
| Pete Michel 40 | 1:10.85 |
| Mike Laux 42 | 1:15.39 |
| Jim DeSimone 41 | 1:23.02 |
| John O'Malley 43 | 1:29.18 |
| <u>100 yd. I.M.</u> | |
| Peter Michel 40 | 2:41.04 |
| Jim DeSimone 41 | 3:02.35 |
| Robert Komenda 44 | 3:09.44 |
| John O'Malley 43 | 3:27.18 |
| <u>200 yd. I.M.</u> | |
| Drury Gallagher 45 | 2:19.34 |
| George Brunstad 49 | 2:41.52 |
| Len Silverstein 49 | 2:50.44 |
| Lou Abel 47 | 3:09.19 |
| Oswald Kapp 45 | DQ |
| <u>400 yd. I.M.- Drury Gallagher</u> | |
| Men 50-54 | 5:04.24 |
| <u>50 yd. Freestyle</u> | |
| James Pitts 53 | 27.30 |
| William Christian 53 | 28.73 |
| Milton Marks 53 | 29.10 |
| Richard Ellis 51 | 29.38 |
| John Graney 50 | 30.84 |
| <u>100 yd. Freestyle</u> | |
| James Pitts 53 | 1:00.91 |
| William Christian 53 | 1:05.14 |
| Milton Marks 53 | 1:05.58 |
| John Graney 50 | 1:10.14 |
| David Stickler 50 | 1:10.33 |
| <u>200 yd. Freestyle</u> | |
| James Pitts 53 | 2:21.37 |
| David Stickler 50 | 2:41.82 |
| John Graney 50 | 2:45.69 |

500 yd. Freestyle

John Graven 50

7:30.73

50 yd. Backstroke

Richard Elks 51

42.20

Ernie Hulme 55

36.85

100 yd. Backstroke

William Christian 53

1:15.62

Richard Ellis 51

1:24.98

John Graney 50

1:29.06

200 yd. Backstroke

William Christian 53

2:50.37

Richard Ellis 51

3:30.62

50 yd. Breaststroke

Milton Marks 53

35.33

Richard Ellis 51

44.94

100 yd. Breaststroke

Richard Ellis 51

2:10.09

50 yd. Butterfly

Art Tebbens 54

31.53

100 yd. Butterfly

Art Tebbens 54

1:18.98

200 yd. Butterfly

Art Tebbens 54

3:01.99

100 yd. I.M.

David Stickler 50

1:22.98

200 yd. I.M.

William Christian 53

DQ

Art Tebbens 54

2:59.37

David Stickler 50

3:05.36

Men 55-5950 yd. Freestyle

Ray Lavendier 58

28.91

Wayne Shadolt 59

29.88

Lucian Dambra 56

36.23

William Davis 56

39.81

100 yd. Freestyle

Wayne Shadolt 59

1:05.47

Lucian Dambra 56

1:21.11

200 yd. Freestyle

Wayne Shadolt 59

2:28.01

Lucian Dambra 56

3:04.15

100 yd. Backstroke

Ernie Hulme 55

1:22.62

200 yd. Backstroke

Ernie Hulme 55

3:01.67

50 yd. Breaststroke

James Forbes 57

36.81

William Davis 56

42.61

100 yd. Breaststroke

James Forbes 57

1:28.31

Bill Davis 56

1:40.66

100 yd. Breaststroke

James Forbes 57

3:38.63

50 yd. Butterfly

Ray Lavendier 58

31.01

100 yd. I.M.

Ernie Hulme 55

1:18.15

200 yd. I.M.

Ray Lavendier 58

1:19.44

Wayne Shadolt 59

1:21.70

Men 60-6450 yd. Freestyle

Jerry Jarrold 61

30.11

C.E. Harris 62

32.16

Elliott Schofield 61

32.53

Tom Jackson 62

36.36

Ernie Kassner 60

43.03

100 yd. Freestyle

C.E. Harris 62

1:11.58

200 yd. Freestyle

Jerry Jarrold 61

2:30.31

Jim Edwards 61

2:38.81

C. Harris 62

2:42.12

Elliot Schofield 61

2:46.93

50 yd. Backstroke

Elliot Schofield

37.75

Anthony Perrillo 62

50.63

100 yd. Backstroke

Tom Jackson 62

1:27.03

Elliot Schofield 61

1:29.28

C. Harris 62

1:34.29

200 yd. Backstroke

Jim Edwards 61

3:05.20

Tom Jackson 62

3:12.06

50 yd. Breaststroke

Norman Garsoe 60

39.46

Ray Walker 64

40.97

Anthony Perillo 62

43.41

Ernie Kassner 60

45.27

100 yd. Breaststroke

Norman Garsoe 60

1:28.76

Anthony Perillo 62

1:37.53

200 yd. Breaststroke

Norman Garsoe 60

3:15.75

Ray Walker 64

3:25.18

Ernie Kassner 60

3:35.94

Anthony Perillo 62

3:42.90

50 yd. Butterfly

Jerry Jarrold 61

33.11

200 yd. Butterfly

Ray Walker 64

3:38.89

100 yd. I.M.

Jerry Jarrold 61

1:14.23

200 yd. I.M.

Anthony Perillo 62

1:43.82

Jerry Jarrold 61

Jim Edwards 61

2:48.57

Men 65-6950 yd. Freestyle

John Sautter 69

30.58

100 yd. Freestyle

Roger Chamberlain 66

32.47

William Struthers 65

William Struthers 65

38.67

Dick Guido 66

William Struthers 65

1:17.31

200 yd. Freestyle

Roger Chamberlain 66

2:57.58

William Struthers 65

William Struthers 65

3:43.94

500 yd. Freestyle

William Struthers 65

9:52.34

50 yd. Backstroke

John Merrill 66

38.51

100 yd. Backstroke

John Merrill 66

1:24.57

Roger Chamberlain 66

John Sautter 69

1:30.25

William Struthers 65

Murray Eager 67

1:36.70

200 yd. Breaststroke

Murray Eager 67

1:46.76

50 yd. Butterfly

Bob Knapp 66

35.27

100 yd. Butterfly

Bob Knapp 66

1:30.30

200 yd. Butterfly

Bob Knapp 66

1:38.46

50 yd. I.M.

Dick Guido 66

3:33.86

100 yd. I.M.

John Sautter 69

1:27.28

Men 70-74Gerson Sobel 73

32.53

Don Erion 70

38.47

100 yd. Freestyle

Gerson Sobel 73

1:15.64

200 yd. Freestyle

Gerson Sobel 73

3:07.04

50 yd. Breaststroke

Don Erion 70

42.50

100 yd. Breaststroke

Harry Barr 74

49.53

50 yd. Butterfly

Harry Barr 74

1:58.22

200 yd. Butterfly

Harry Barr 74

3:37.23

50 yd. I.M.

Gus Langner 80

58.24

100 yd. Backstroke

Tony Lopez 84

1:54.79

50 yd. Freestyle

Gus Langner 80

38.45

200 yd. Freestyle

Gus Langner 80

1:11.21

100 yd. Freestyle

Gus Langner 80

1:28.40

200 yd. Breaststroke

Gus Langner 80

3:10.82

100 yd. Backstroke

Tony Lopez 84

3:02.96

50 yd. Breaststroke

Tony Lopez 84

6:22.94

200 yd. Breaststroke

Gus Langner 80

*50.42

100 yd. Breaststroke

Gus Langner 80

*1:56.56

100 yd. I.M.

Gus Langner 80

*1:56.56

50 yd. Breaststroke

Gus Langner 80

*4:11.85

100 yd. I.M.

Gus Langner 80

3:45.52

50 yd. Breaststroke

Gus Langner 80

*4:11.85

100 yd. I.M.

Gus Langner 80

3:45.52

50 yd. Breaststroke

Gus Langner 80

*4:11.85

100 yd. I.M.

Gus Langner 80

MEN 35+

200 YARD FREESTYLE RELAY
 Glendale Y. Swim Club
 Dennis Hatteser 37
 Alex Rogic 47
 Peter Beer 35
 Steve Washburn 36 1:56.17
MEN 65+
200 YARD FREESTYLE RELAY
 Long Beach Masters
 Jack Garhaus 67
 Brian Winship 65
 Norman Fitzgerald 67
 Woody Bowersock 70 2:10.09
MEN 19-24

50 YARD FREESTYLE

Craig Gauger 21 22.61
 Kris Larsen 22 23.63
 Chris M. Ccsner 22 24.36
 Al E. Nash 20 26.53
200 YARD FREESTYLE
 Craig Gauger 21 1:54.48
 Roger Rosani 22* 1:56.67
 Ken Beardson 24 1:58.39
100 YARD BACKSTROKE
 Roger Romani 22* 1:03.42
 Al E. Nash 20 1:10.62
50 YARD BREASTSTROKE
 Kris Larsen 22 31.19
 Ken Beardson 24 31.72
 Al E. Nash 20 37.27
200 YARD BREASTSTROKE
 Craig Gauger 21 2:25.86
 Ken Beardson 24 2:27.34
100 YARD BUTTERFLY
 Al E. Nash 20 1:14.04
100 YARD INDIVIDUAL MEDLEY
 Craig Gauger 21 59.48
 Roger Rosani 22* 59.66
 Kris Larsen 22 1:02.43
 Ken Beardson 24 1:03.03
 Chris M. Ccsner 22 1:04.58
 Al E. Nash 20 1:09.64
MEN 25-29

50 YARD FREESTYLE

David L. Forster 26 24.50
 Lance M. Bumbera 28 24.80
 Tim Seagondollar 29 24.89
 Edward Radesacher 27 25.41
 Horri Spang 27* 26.67
 David Evans 26 27.55
 David Kramer 29 28.58
200 YARD FREESTYLE
 Steve Schmidt 27 1:58.95
 Tim Seagondollar 29 2:06.32
 Lance M. Bumbera 28 2:12.29
 David Herszman 29 2:16.86
 David Kramer 29 2:34.02
100 YARD BACKSTROKE
 Lance M. Bumbera 28 1:12.86
 Edward Radesacher 27 1:12.86
50 YARD BREASTSTROKE
 Edward Radesacher 27 33.31
 Lance M. Bumbera 28 33.90
200 YARD BREASTSTROKE
 Steve Schmidt 27 2:42.59
 David Herszman 29 2:55.59
100 YARD BUTTERFLY
 Edward Radesacher 27 1:01.46
 David Herszman 29 1:17.17
100 YARD INDIVIDUAL MEDLEY
 Edward Radesacher 27 1:04.52
 David L. Forster 26 1:06.12
 Lance M. Bumbera 28 1:07.09
 Tim Seagondollar 29 1:09.71
 David Herszman 29 1:13.04
MEN 30-34

50 YARD FREESTYLE

Bryan Weaver 30 23.66
 Ed French 34 24.42
 Wyna Miller 33 26.41
 Greg K. Stetbins 32 26.52
 Ken Zittner 34 26.84
 Martin Smith 33 27.37
 Jay Cigna 30 30.28
 Mark O'Brien 31 31.44
200 YARD FREESTYLE
 John Townsend 30 2:09.75
 Martin Smith 33 2:13.48
 Jay Cigna 30 2:49.73
 Mark O'Brien 31 3:12.61
100 YARD BACKSTROKE
 Clay Evans 30 58.20
 John Townsend 30 1:09.26
 Glenn A. Gruber 34 1:11.48
 Ken Zittner 34 1:19.32
50 YARD BREASTSTROKE
 Bryan Weaver 30 30.25
 Stan Searcy 34 30.79
 Jeff Kiesel 32 32.26
 Wyna Miller 33 33.19
 Brook Cross 33 33.87
 Glenn A. Gruber 34 34.70
 Martin Smith 33 34.93

Jay Cigna 30

Ken Zittner 34 36.53
200 YARD BACKSTROKE
 Stan Searcy 34 44.44
 Jeff Kiesel 32 2:31.59
 Martin Smith 33 2:41.56
100 YARD BUTTERFLY
 Clay Evans 30 2:46.81
100 YARD INDIVIDUAL MEDLEY
 Stan Searcy 34 54.70
 Jeff Kiesel 32 1:00.83
 John Townsend 30 1:01.47
100 YARD INDIVIDUAL MEDLEY
 Bryan Weaver 30 1:00.40
 Stan Searcy 34 1:03.17
 Jeff Kiesel 32 1:03.47
 Brook Cross 33 1:03.64
 Ed French 34 1:05.90
 Wyna Miller 33 1:07.48
 Ken Zittner 34 1:16.76
 Jay Cigna 30 1:21.12
 Mark O'Brien 31 1:23.06
MEN 35-39

50 YARD FREESTYLE

Dave Frank 39 23.99
 Richard Michelangelo 37 24.77
 Denis Hatteser 37 26.20
 Alan A. Bartley 36 26.27
 Robert D. Washburn 35 27.59
 Jim Shilling 38 29.25
 Steven Tyler 37 34.09
200 YARD FREESTYLE
 Denis Hatteser 37 2:11.90
 Robert D. Washburn 35 2:19.97
 Jim Shilling 38 2:38.12
 Stephen E. Washburn 36 2:42.78
100 YARD BACKSTROKE
 Denis Hatteser 37 1:23.42
 Stephen E. Washburn 36 1:30.75
 Steven Tyler 37 1:37.34
50 YARD BREASTSTROKE
 Dave Frank 39 31.06
 Allen K. Murray 39 34.00
 Paul Shane 37 34.36
 Jim Shilling 38 35.94
 Richard Michelangelo 37 35.96
 Richard Holland 36 36.94
 Steven Tyler 37 37.99
 Stephen E. Washburn 36 39.03
200 YARD BREASTSTROKE
 Allen K. Murray 39 2:33.48
 Alan A. Bartley 36 2:46.86
 Jim Shilling 38 3:13.66
 Stephen E. Washburn 36 3:22.35
100 YARD BUTTERFLY
 Paul Shane 37 1:05.62
 Steven Tyler 37 1:30.64
100 YARD INDIVIDUAL MEDLEY
 Dave Frank 39 1:01.42
 E. Michelangelo 37 1:07.61
 Paul Shane 37 1:08.93
 Allen K. Murray 39 1:10.00
 Richard Holland 36 1:10.37
 Jim Shilling 38 1:16.04
 Stephen E. Washburn 36 1:21.56
 Steven Tyler 37 1:22.40
MEN 40-44

50 YARD FREESTYLE

Tegze (Tex) Haraszti 42 24.70
 Peter Ronay 41 24.94
 Jim Stewart 42 28.54
 Robert Bergstrom 42 31.03
 Jim Cromwell 42 32.94
 Gary McDowell 40 34.33
 William S. Lickey 44 34.72
200 YARD FREESTYLE
 T (Tex) Haraszti 42 2:01.13
 Peter Ronay 41 2:12.95
 Gary McDowell 40 2:57.42
100 YARD BACKSTROKE
 T (Tex) Haraszti 42 1:04.92
 Robert Bergstrom 42 1:23.12
 Jim Stewart 42 1:23.55
 Gary McDowell 40 1:38.29
50 YARD BREASTSTROKE
 Tegze (Tex) Haraszti 42 32.85
 Peter Ronay 41 38.92
 Jim Cromwell 42 41.11
100 YARD BUTTERFLY
 Peter Ronay 41 1:09.72
100 YARD INDIVIDUAL MEDLEY
 T (Tex) Haraszti 42 1:02.11
 Peter Ronay 41 1:09.39
 Jim Stewart 42 1:19.62
MEN 45-49

50 YARD FREESTYLE

Peter R. Taft 47 25.50
 Alex Rogic 47 28.95
200 YARD FREESTYLE
 Peter R. Taft 47 2:14.91
 Alex Rogic 47 2:22.46
100 YARD BACKSTROKE
 Alex Rogic 47 1:21.56
200 YARD BREASTSTROKE
 Buddy G. Belshe 49 3:04.82
100 YARD BUTTERFLY
 Peter R. Taft 47 1:10.04
100 YARD INDIVIDUAL MEDLEY
 Buddy G. Belshe 49 1:11.03
 Alex Rogic 47 1:20.37
MEN 50-54

100 YARD BUTTERFLY

Peter R. Taft 47 1:10.04
100 YARD INDIVIDUAL MEDLEY
 Buddy G. Belshe 49 1:11.03
 Alex Rogic 47 1:20.37
MEN 50-54

50 YARD FREESTYLE

Boy Sorge 52 28.34
 Steven Schofield 51 28.40
 Orvel Larsen 50 28.89
 Edward L. Farrell 51 29.00
 Art Welch 51 29.07
 Earl Crapo 51 29.83
 Sean Kelly 51 37.75

200 YARD FREESTYLE

Art Welch 51 2:22.45
 Earl Crapo 51 2:46.53
100 YARD BACKSTROKE
 Orvel Larsen 50 1:14.20
 Art Welch 51 1:20.62
 Earl Crapo 51 1:37.95
50 YARD BREASTSTROKE

Edward L. Farrell 51 37.77
 Orvel Larsen 50 38.09
 Steven Schofield 51 39.71
200 YARD BREASTSTROKE
 Edward L. Farrell 51 3:08.99
 Steven Schofield 51 3:12.20
100 YARD BUTTERFLY
 Art Welch 51 1:10.53
 Steven Schofield 51 1:20.97
100 YARD INDIVIDUAL MEDLEY
 Orvel Larsen 50 1:12.51
 Art Welch 51 1:16.28
 Boy Sorge 52 1:18.37
 Earl Crapo 51 1:25.26
MEN 55-59

Frank Piessie 58 25.98
 Donald Hester 57 28.42
 Don W. Conklin 55 28.69
 W. Jason Walker 59 38.08
 George Brinton 59 38.23

200 YARD FREESTYLE

Frank Piessie 58 2:22.53
 W. Jason Walker 59 3:39.26
100 YARD BACKSTROKE
 George Brinton 59 1:14.45
 Don W. Conklin 55 1:20.89
 Frank Feld 56* 1:33.22
 W. Jason Walker 59 1:49.44
50 YARD BREASTSTROKE
 Donald Hester 57 34.49
 George Brinton 59 1:01.03
200 YARD BREASTSTROKE
 Donald Hester 57 3:01.39
 Don W. Conklin 55 3:14.25
100 YARD BUTTERFLY
 Frank Piessie 58 1:14.19
100 YARD INDIVIDUAL MEDLEY
 Frank Piessie 58 1:09.67
 Donald Hester 57 1:12.61
 Don W. Conklin 55 1:14.67
 Frank Feld 56* 1:36.00
 W. Jason Walker 59 1:59.86
MEN 60-64

50 YARD FREESTYLE

Bob Merrick 63 29.08
 David J. Ford 61 34.27
 Ralph P. Buestis 62 36.47

200 YARD FREESTYLE

Bob Merrick 63 2:28.24
 David J. Ford 61 3:23.92
100 YARD BACKSTROKE
 David J. Ford 61 1:43.86
50 YARD BREASTSTROKE
 Bob Merrick 63 37.58
200 YARD BREASTSTROKE
 Bob Merrick 63 3:07.23
100 YARD INDIVIDUAL MEDLEY
 Bob Merrick 63 1:15.78
 Ralph P. Buestis 62 1:34.02
MEN 65-69

50 YARD FREESTYLE

Jack Garhaus 67 30.91
 Edwin S. (Jr.) Allen 68 32.85
 Norman Fitzgerald 67 33.38
 Herman Becker 66 35.65
 Max Luna 68 42.08

200 YARD FREESTYLE

Jack Garhaus 67 2:47.58
 Herman Becker 66 3:01.51
100 YARD BACKSTROKE
 Herman Becker 66 1:26.40
 Jack Garhaus 67 1:26.42
 Herman Becker 66 1:38.37
 Norman Fitzgerald 67 1:41.53
 Max Luna 68 2:27.55

50 YARD BREASTSTROKE

Herma Becker 66 48.71
 Max Luna 68 52.60

100 YARD BUTTERFLY

Herma Becker 66 1:44.67
 Max Luna 68 2:24.50
MEN 25-29

100 YARD INDIVIDUAL MEDLEY

Norman Fitzgerald 67 1:39.67

Max Luna 68 2:36.85

50 YARD FREESTYLE

Woody Bowersock 70 29.53
 Bill Shott 73 30.87

Beg Richardson 72 32.20

200 YARD FREESTYLE

Woody Bowersock 70 2:54.90
 Bill Shott 73 3:09.32

100 YARD BACKSTROKE

Beg Richardson 72 1:35.06
 Woody Bowersock 70 1:36.03

50 YARD BREASTSTROKE

Bill Shott 73 40.57
 Beg Richardson 72 41.50

200 YARD BREASTSTROKE

Beg Richardson 72 3:35.09
 Bill Shott 73 1:26.40

100 YARD INDIVIDUAL MEDLEY

Bill Shott 73 1:27.74
MEN 75-79

50 YARD FREESTYLE

Don Beebe 75 40.66
 Sheldon White 78 46.83

200 YARD FREESTYLE

Sheldon White 78 3:10.49
 Leonard A. Chapin 75 3:19.16

100 YARD BACKSTROKE

Don Neefe 75 1:55.20
 Leonard A. Chapin 75 2:07.34

50 YARD BREASTSTROKE

Leonard A. Chapin 75 2:13.04
100 YARD INDIVIDUAL MEDLEY

Leonard A. Chapin 75 1:56.12
 * Denotes non SPMA swimmer

Programmed by Curt Moss

ARKANSAS MASTERS SWIM CLUB
 MID-WINTER SHORT COURSE MEET
 LITTLE ROCK, ARK. SANCTION#23-1484

JANUARY 21, 1984 25 YD. INDOOR POOL

Women 25-29

Renee Mann 27

50 yd. Freestyle 0:42.16

200 Yd. Freestyle 4:10.98

50 yd. Backstroke 0:54.44

100 yd. Backstroke 1:58.89

Women 30-34

Kathy Bay 33

50 yd. Freestyle 0:32.02

100 yd. Freestyle 1:14.28

50 yd. Breaststroke 0:43.65

50 yd. Butterfly 0:41.53

Women 40-44

100 yd. Freestyle

Ida Hlavacek 41 1:23.33

100 yd. Backstroke

Ida Hlavacek 41 1:31.04

Sally Moore 44 2:16.76

100 yd. Breaststroke

Sally Moore 44 1:59.78

200 yd. Breaststroke

Ida Hlavacek 41 3:34.57

100 yd. Ind. Medley

Ida Hlavacek 41 7:08.93

Women 50-54

50 yd. Freestyle

Jacqueline Wright 50 0:50.43

Vera Stocks 50 1:01.80

500 yd. Freestyle

Peggy Ebbing 50 10:23.52

50 yd. Backstroke

Jacqueline Wright 50 1:01.52

50 yd. Breaststroke

Jack Caple 54 1:23.25

Jacqueline Wright 50 1:37.50

200 yd. Breaststroke

Peggy Ebbing 50 4:01.30

Women 65-69

Laverne Anderson 65 USMS #2

50 yd. Backstroke 0:56.75

50 yd. Breaststroke 0:57.04

Laverne Anderson 65

100 yd. Breaststroke 2:09.08

200 yd. Breaststroke 4:40.38

Men 25-29

50 yd. Freestyle

T. Martin Davis 29 0:24.84

Brett Davis 27 0:26.74

100 yd. Freestyle

Jack Oberholzer 27 1:09.23

200 yd. Freestyle

Brent Peterson 28 2:03.83

| | | | | | | | | | |
|-------------------------------|------------|-----------------------------|-------------|----------------------------|---------------------------|---------------------------|------------------------------------|------------------|--|
| 500 yd. Freestyle | | 100 yd Backstroke | | 100 yd Individual Medley | | 200 yd Breaststroke | | 50 yd Breastroke | |
| Brent Peterson 28 | 5:49.60 | Elaine Hochuli | 28 1:14.45 | Maureen Lindsey 36 1:40.78 | Hattila Elsa | 73 4:44.11 | John Shambourger 30 | 32.16 | |
| 50 yd. Backstroke | | Cindy Collins | 28 1:16.11 | WOMEN 40 - 44 | WOMEN 75 - 79 | | Jack Katz 31 | 33.46 | |
| T. Martin Davis 29 | 0:30.84 | 50 yd Breastroke Novice | | 50 yd Freestyle | 100 yd Freestyle | 100 yd Breastroke | 100 yd Breastroke | | |
| Brett Davis 27 | 0:31.94 | Millicent Kaplan | 28 57.86 | Judy Decker 41 30.05 | Rita Shephard 75 1:57.84 | Charles Wright 30 1:06.51 | Charles Wright 30 1:06.51 | | |
| 50 yd. Butterfly | | 50 yd Breastroke | | Sidney Denversca 41 34.28 | Rita Shephard 75 1:03.80 | John Tierney 31 1:29.98 | John Tierney 31 1:29.98 | | |
| Brett Davis 27 | 0:28.08 | Lisa Tubergeren | 27 34.01 | 100 yd Freestyle | 100 yd Backstroke | 200 yd Breastroke | 200 yd Breastroke | | |
| 100 yd. Ind. Medley | | Wendell Gray | 27 35.02 | Judy Decker 41 1:08.80 | Charlene Burke 42 1:14.70 | Rita Shephard 75 2:21.83 | Don Anderson 32 2:30.16 | | |
| Brett Davis 27 | 1:10.49 | Susan Lipsey | 26 39.28 | 200 yd Freestyle | 200 yd Backstroke | Rita Shephard 75 4:54.17 | 50 yd Butterfly | | |
| Jack Oberholtzer 27 | 1:11.15 | Diana Gilpatrick | 29 46.82 | Judy Decker 41 2:34.74 | Charlene Burke 42 2:46.12 | 50 yd Breastroke | Adrain Haywood 31 26.54 | | |
| Men 30-34 | | 100 yd Breastroke | | Charlene Burke 42 7:29.09 | Charlene Burke 42 1:31.03 | Emma Jones 79 2:21.76 | Mark Walters 31 28.16 | | |
| 50 yd. Freestyle | | Lisa Tubergeren | 27 1:15.00 | 50 yd Backstroke | 200 yd Backstroke | 50 yd Breastroke | Steven Salyberg 33 28.80 | | |
| Tyler Baber 33 | 0:24.98 | Marie Wagner | 27 1:22.05 | Charlene Burke 42 3:08.80 | Charlene Burke 42 41.51 | 100 yd Butterfly | 100 yd Butterfly | | |
| 100 yd. Freestyle | | Susan Lipsey | 26 1:26.35 | Charlene Burke 42 1:31.03 | Charlene Burke 42 3:08.80 | Rita Shephard 75 1:13.82 | Adrain Haywood 31 1:00.21 | | |
| John Bumpers 33 | 0:53.74 | 200 yd Breastroke | | 200 yd Backstroke | 50 yd Breastroke | 100 yd Individual Medley | Mark Walters 31 1:03.76 | | |
| Tyler Baber 33 | 0:55.51 | Lisa Tubergeren | 27 2:49.52 | Charlene Burke 42 3:08.80 | Charlene Burke 42 3:08.80 | Rita Shephard 75 2:25.76 | 200 yd Butterfly | | |
| 200 yd. Freestyle | | Susan Lipsey | 26 3:08.90 | Charlene Burke 42 3:08.80 | 50 yd Freestyle | MEN 25 - 29 | John Shambourger 30 3:09.49 | | |
| Tyler Baber 33 | 2:05.06 | 50 yd Butterfly Novice | | 50 yd Backstroke | 50 yd Breastroke | 50 yd Freestyle | 100 yd Individual Medley | | |
| Fred Schlegel 31 | 2:41.64 | Millicent Kaplan | 28 56.21 | Charlene Burke 42 3:08.80 | Charlene Burke 42 3:08.80 | Dean Fochios 29 22.81 | Larry D. Wagner 32 1:05.12 | | |
| 500 yd. Freestyle | | 50 yd Butterfly | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | Mark Winters 29 24.48 | Frank Shafroth 34 1:06.34 | | |
| Fred Schlegel 31 | 7:43.78 | Elaine Hochuli | 28 28.02 | 50 yd Backstroke | 50 yd Breastroke | Rodney Peltzer 27 24.58 | Mark Walters 31 1:11.69 | | |
| 100 yd. Breaststroke | | Lisa Tubergeren | 27 29.93 | Charlene Burke 42 3:08.80 | Charlene Burke 42 3:08.80 | Jay Johnson 26 25.13 | John Tierney 31 1:26.27 | | |
| Fred Schlegel 31 | 1:44.28 | Betty Mayers | 26 30.72 | Charlene Burke 42 3:08.80 | 50 yd Backstroke | Bob Blanton 25 25.38 | 100 yd Butterfly | | |
| 200 yd. Butterfly | | Cindy Collins | 28 31.25 | Charlene Burke 42 3:08.80 | Charlene Burke 42 3:08.80 | Wout Kymrell 29 29.67 | Wayne Hartke 35 25.42 | | |
| John Bumpers 33 | 2:14.18 | Barbara Bowman | 29 31.35 | Charlene Burke 42 3:08.80 | 50 yd Freestyle | Wout Kymrell 29 2:27.78 | Toby Shannon 35 25.53 | | |
| Men 35-39 | | Joan Fallon | 26 31.71 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 5:15.95 | Anthony Young 39 26.34 | | |
| 50 yd. Freestyle | | Wendelle Gray | 27 32.88 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Wout Kymrell 29 6:28.58 | Davis Schwartz 39 26.48 | | |
| Doug Rawn 38 | 0:27.56 | Glynn O'Donnell | 28 33.44 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Paul Hartke 29 6:56.49 | Chet Fryjoff 36 27.04 | | |
| 100 yd. Freestyle | | Diana Gilpatrick | 29 42.56 | Charlene Burke 42 3:08.80 | 50 yd Backstroke Novice | Paul Hartke 29 35.69 | Gerald Edlin 37 28.82 | | |
| Ron Bank 36 | 1:00.00 | 200 yd Butterfly | | Charlene Burke 42 3:08.80 | 200 yd Individual Medley | Paul Hartke 29 3:51.83 | Bill Doyle 35 29.08 | | |
| 500 yd. Freestyle | | Elaine Hochuli 28 2:20.88 | | Charlene Burke 42 3:08.80 | 50 yd Backstroke | Paul Hartke 29 2:27.78 | Robert Axelrod 35 30.19 | | |
| Ken Anson 39 | 6:43.00 | Glynn O'Donnell 28 2:55.96 | | Charlene Burke 42 3:08.80 | 500 yd Freestyle | John Protzman 26 5:15.95 | Mark Lipsey 35 30.41 | | |
| Ron Bank 36 | 7:43.00 | 100 yd Individual Medley | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Wout Kymrell 29 6:28.58 | 100 yd Freestyle | | |
| 50 yd. Backstroke | | Deborah Cain | 27 1:04.35 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | John Protzman 26 5:15.95 | Wayne Hartke 35 55.53 | | |
| Doug Rawn 38 | 0:34.87 | Lisa Tubergeren | 27 1:09.57 | Charlene Burke 42 3:08.80 | 50 yd Backstroke Novice | Wout Kymrell 29 6:28.58 | Kenneth Bergquist 39 56.12 | | |
| 100 yd. Backstroke | | Joan Fallon | 26 1:10.62 | Charlene Burke 42 3:08.80 | 200 yd Individual Medley | Paul Hartke 29 6:56.49 | Anthony Young 39 58.06 | | |
| Ken Anson 39 | 1:10.88 | Marie Wagner | 27 1:19.61 | Charlene Burke 42 3:08.80 | 50 yd Backstroke | Paul Hartke 29 35.69 | Richard Tompkins 37 59.67 | | |
| 50 yd. Breaststroke | | Millicent Kaplan 28 1:48.79 | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | Paul Hartke 29 3:51.83 | Chet Fryjoff 36 59.85 | | |
| Doug Rawn 38 | 0:36.00 | 200 yd Individual Medley | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 27.12 | Davis Schwartz 39 1:00.97 | | |
| 50 yd. Butterfly | | Barbara Bowman | 29 2:32.49 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Paul Hartke 29 34.94 | Toby Shannon 35 1:01.37 | | |
| Doug Rawn 38 | 0:30.24 | Joan Fallon | 26 2:32.63 | Charlene Burke 42 3:08.80 | 50 yd Backstroke | Crail Gordon 25 58.92 | Stephen Hogan 35 1:02.08 | | |
| 100 yd. Butterfly | | Marie Wagner | 27 2:47.94 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | Crail Gordon 25 1:17.45 | Jet Lowe 37 1:02.51 | | |
| Ken Anson 39 | 1:12.59 | WOMEN 30 - 34 | | Charlene Burke 42 3:08.80 | 50 yd Backstroke | John Protzman 26 2:08.96 | Gerald Edlin 37 1:05.53 | | |
| Ron Bank 36 | 1:18.39 | 50 yd Freestyle | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | Crail Gordon 25 2:12.50 | Robert Axelrod 35 1:13.62 | | |
| 100 yd. Ind. Medley | | Judy Cox | 30 27.44 | Charlene Burke 42 3:08.80 | 50 yd Backstroke Novice | Wout Kymrell 29 2:55.74 | 200 yd Freestyle | | |
| Ken anson 39 | 1:09.54 | Jacki Hirsty | 31 28.96 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Wayne Hartke 35 2:03.59 | | |
| Doug Rawn 38 | 1:11.40 | Claudia Roe | 33 30.92 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Anthony Young 39 2:08.21 | | |
| Ron Bank 36 | 1:13.90 | Karen Stiefel | 34 34.63 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Chet Fryjoff 36 2:15.25 | | |
| Men 40-44 | | 100 yd Freestyle | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Davis Schwartz 39 2:19.27 | | |
| Rick Field 41 | | Jacki Hirsty | 31 55.30* | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Jet Lowe 37 2:26.03 | | |
| 50 yd. Breaststroke | 0:32.06 | 50 yd Freestyle | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Robert Axelrod 35 7:46.21 | | |
| 100 yd. Breaststroke | 1:09.79 | Jacki Hirsty | 31 2:00.11* | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | 500 yd Freestyle | | |
| 100 yd. Ind. Medley | 1:09.08 | Gloria Parks | 31 2:46.78 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | John Flanagan 37 5:16.95 | | |
| Men 50-54 | | 500 yd Freestyle | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Wayne Hartke 35 6:00.17 | | |
| Larry Meyer 53 | | Jacki Hirsty | 31 1:12.87 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Richard Tompkins 37 6:19.78 | | |
| 50 yd. Backstroke | 0:31.83 | 200 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Jet Lowe 37 6:55.67 | | |
| 100 yd. Backstroke | 1:10.94 | Cecilia McCloskey | 34 2:22.25 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Robert Axelrod 35 7:46.21 | | |
| D.C. Department of Recreation | | 50 yd Breastroke Novice | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | 50 yd Backstroke | | |
| Masters Swim Meet | | Gloria Parks | 31 38.87 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 2:03.59 | | |
| 29 January 1984 | | 100 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Anthony Young 39 2:08.21 | | |
| Washington D.C. | | Jacki Hirsty | 31 1:12.87 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Chet Fryjoff 36 2:15.25 | | |
| Sanction No. 84-1(25 Yd Pool) | | 200 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Davis Schwartz 39 2:19.27 | | |
| WOMEN 25 - 29 | | Cecilia McCloskey | 34 31.96 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Jet Lowe 37 2:26.03 | | |
| 50 yd Freestyle | | Claudia Roe | 33 37.32 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Robert Axelrod 35 500 yd Freestyle | | |
| Deborah Cain | 27 25.89 | Gloria Parks | 31 38.87 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 5:16.95 | | |
| Betty Myers | 26 27.61 | 100 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Anthony Hartke 35 6:00.17 | | |
| Barbara Bowman | 29 27.96 | Jacki Hirsty | 31 1:12.87 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Richard Tompkins 37 6:19.78 | | |
| Joan Fallon | 26 28.12 | 200 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Jet Lowe 37 6:55.67 | | |
| Wendelle Gray | 27 29.76 | Cecilia McCloskey | 34 31.96 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Robert Axelrod 35 7:46.21 | | |
| Marie Wagner | 27 32.18 | 50 yd Butterfly Novice | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | 50 yd Backstroke | | |
| Susan Lipsey | 26 32.62 | Diddo Clark | 34 35.60 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 2:03.59 | | |
| Diana Gilpatrick | 29 33.15 | Sandy Doyle | 30 6:51.59 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Anthony Young 39 2:08.21 | | |
| Millicent Kaplan | 28 39.47 | 50 yd Butterfly | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Chet Fryjoff 36 2:15.25 | | |
| Maryanne Sottile | 26 44.78 | Judy Cox | 30 30.05 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Davis Schwartz 39 2:19.27 | | |
| 100 yd Freestyle | | Diddo Clark | 34 1:21.68 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Jet Lowe 37 2:26.03 | | |
| Deborah Cain | 27 55.59 | 100 yd Individual Medley | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Robert Axelrod 35 500 yd Freestyle | | |
| Cindy Collins | 28 58.98 | Cecilia McCloskey | 34 1:08.41 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 5:16.95 | | |
| Betty Myers | 26 1:01.21 | Judy Cox | 30 1:09.34 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Anthony Hartke 35 6:00.17 | | |
| Millicent Kaplan | 28 1:28.33 | Sandy Doyle | 30 1:16.91 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Richard Tompkins 37 6:19.78 | | |
| Maryanne Sottile | 26 1:39.79 | Cecilia McCloskey | 34 2:26.54 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Jet Lowe 37 6:55.67 | | |
| 200 yd. Freestyle | | Judy Cox | 30 2:35.98 | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Robert Axelrod 35 7:46.21 | | |
| Decorah Cain | 27 2:02.41 | 200 yd Butterfly | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | 50 yd Backstroke | | |
| Cindy Collins | 28 2:10.68 | Diddo Clark | 34 3:08.32 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 2:03.59 | | |
| Barbara Bowman | 29 2:15.07 | 200 yd Individual Medley | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Anthony Young 39 2:08.21 | | |
| Marie Wagner | 27 2:31.70 | Cecilia McCloskey | 34 2:26.54 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Chet Fryjoff 36 2:15.25 | | |
| Glynn O'Donnell | 28 2:31.99 | Judy Cox | 30 2:35.98 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Davis Schwartz 39 2:19.27 | | |
| Millicent Kaplan | 28 3:28.93 | WOMEN 33 - 39 | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Jet Lowe 37 2:26.03 | | |
| 500 yd Freestyle | | 50 yd Freestyle | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Robert Axelrod 35 500 yd Freestyle | | |
| Deborah Cain | 27 5:17.58 | Maurice Lindsey | 36 37.86 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Wayne Hartke 35 5:16.95 | | |
| Elaains Hochuli | 28 5:36.22 | 100 yd Freestyle | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Richard Tompkins 37 6:19.78 | | |
| Cindy Collins | 28 5:37.93 | Maurice Lindsey | 36 1:28.80 | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Jet Lowe 37 6:55.67 | | |
| Susan Lipsey | 26 7:15.74 | 100 yd Freestyle | | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Robert Axelrod 35 7:46.21 | | |
| Millicent Kaplan | 28 1:28.33 | 100 yd Backstroke | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | 50 yd Backstroke | | |
| 50 yd Backstroke Novice | | 100 yd Backstroke | | Charlene Burke 42 3:08.80 | 50 yd Breastroke | John Protzman 26 3:18.7 | Wayne Hartke 35 2:03.59 | | |
| Maryanne Sottile | 26 57.42 | Elsie Neely | 39 3:50.32 | Charlene Burke 42 3:08.80 | 100 yd Backstroke | Crail Gordon 25 2:12.50 | Anthony Young 39 2:08.21 | | |
| 50 yd Backstroke | | 50 yd Freestyle | | Charlene Burke 42 3:08.80 | 100 yd Individual Medley | Wout Kymrell 29 2:55.74 | Chet Fryjoff 36 2:15.25 | | |

200 yd Individual Medley
 Richard Torpkins 37 2:33.95
MEN 40 - 44
50 yd Freestyle
 Bill Newman 44 25.39
 Jerome Yurow 42 26.92
 Roy Pinchot 43 27.67
 Jeffrey Clarke 41 29.51
 Norman Spangler 42 37.29
100 yd Freestyle
 Bill Newman 44 57.68
 Roy Pinchot 43 1:01.99
200 yd Freestyle
 Bill Newman 44 2:11.84
 Roy Pinchot 43 2:25.43
500 yd Freestyle
 Jerome Yurow 42 6:36.52
50 yd Backstroke
 Arthur Smith 44 29.82
 David Diehl 42 32.38
 Jeffrey Clarke 41 41.23
 Norman Spangler 42 50.32
100 yd Backstroke
 Arthur Smith 44 1:06.91
 David Diehl 42 1:15.63
 Roger Golden 41 1:24.02
 Norman Spangler 42 1:53.85
200 yd Backstroke
 Arthur Smith 44 2:24.75
 David Diehl 42 2:53.04
 Norman Spangler 42 4:09.29
50 yd Breastroke Novice
 David Diehl 42 40.76
 Ted Murray 43 41.81
50 yd Breastroke
 Jerome Yurow 42 33.29
 Jeffrey Clarke 41 44.27
200 yd Breastroke
 Ted Murray 43 3:28.02
50 yd Butterfly Novice
 Ted Murray 43 37.47
50 yd Butterfly
 Roger Golden 41 29.62
 Jerome Yurow 42 29.74
 Roy Pinchot 43 31.12
 Jeffrey Clarke 41 34.60
100 yd Butterfly
 Roger Golden 41 1:04.71
 Roy Pinchot 43 1:18.96
 Ted Murray 43 1:27.58
200 yd Butterfly
 Roger Golden 41 2:28.94
 Ted Murray 43 3:20.60
100 yd Individual Medley
 Jerome Yurow 42 1:10.94
 Roy Pinchot 43 1:13.74
 Jeffrey Clarke 41 1:24.06

200 yd Individual Medley
 Roger Golden 41 2:45.45
 Roy Pinchot 43 2:48.70
 Ted Murray 43 3:04.47
MEN 45 - 49
50 yd Freestyle
 Tim Foster 46 26.13
 George Murray 47 29.46
 Ashley Brown 46 36.27
100 yd Freestyle
 Tim Foster 46 1:00.05
 Robert Parke 45 1:14.46
 Ashley Brown 46 1:18.84
 Don Walter 48 1:28.73
500 yd Freestyle
 Robert Parke 45 7:32.60
 George Murray 47 7:42.29
50 yd Backstroke Novice
 George Murray 47 40.56
50 yd Backstroke
 Richard Hay 46 36.44
100 yd Backstroke
 Richard Hay 46 1:24.10
 Don Walter 48 2:00.31
MEN 55 - 59
50 yd Freestyle
 Win Wilson 56 26.81
 Valentine Speigel 59 32.91
Bob Cyrus 55 35.74
100 yd Freestyle
 Win Wilson 56 59.51
Ed. Richards 55 1:04.67
 John Alleva 55 1:08.38
 Valentine Speigel 59 1:12.50
200 yd Freestyle
 John Alleva 55 2:27.29
500 yd Freestyle
 Win Wilson 56 5:59.94
 John Alleva 55 6:09.27
 Valentine Speigel 59 8:07.54
50 yd Backstroke
Ed. Richards 55 34.27
100 yd Backstroke
 Win Wilson 56 1:20.53
 Bob Cyrus 55 2:00.94
200 yd Backstroke
 Bob Cyrus 55 4:56.46
50 yd Breastroke
 Norm Rainer 55 39.04
 Bob Cyrus 55 42.28
100 yd Breastroke
Ed. Richards 55 1:24.06
 Bob Cyrus 55 1:37.44
200 yd Breastroke
 Norm Rainer 55 3:35.09
 Bob Cyrus 55 4:00.72

50 yd Butterfly
 Win Wilson 56 30.20
 Bob Cyrus 55 40.52
200 yd Butterfly
 John Alleva 55 2:51.61
100 yd Individual Medley
 Win Wilson 56 1:12.34
 Bob Cyrus 55 1:43.47
200 yd Individual Medley
 Norm Rainer 55 3:17.97
 Bob Cyrus 55 3:51.65
MEN 60 - 64
50 yd Freestyle
 Bill Campbell 60 29.91
 Ranjan Borr 61 48.57
100 yd Freestyle
 Ranjan Borr 61 2:07.06
50 yd Backstroke Novice
 Bill Campbell 60 45.19
50 yd Backstroke
 Ranjan Borr 61 1:02.48
100 yd Backstroke
 Ranjan Borr 61 2:31.15
50 yd Breastroke Novice
 Ranjan Borr 61 1:20.03
50 yd Breastroke
 Bill Campbell 60 39.61
50 yd Breastroke Novice
 Ashley Brown 46 46.18
 Don Walter 48 48.71
50 yd Breastroke
 George Murray 47 38.88
 Richard Hay 46 38.98
 Ashley Brown 46 45.48
100 yd Breastroke
 Don Walter 48 1:48.38
200 yd Breastroke
 W.I. Jones 46 2:47.67
50 yd Butterfly
 George Worthington 46 26.81
Tim Foster 46 31.36
 Richard Hay 46 31.93
 George Murray 47 34.22
100 yd Butterfly
 George Worthington 46 1:00.95
200 yd Butterfly
 George Worthington 46 2:29.53
W.I. Jones 46 2:40.28
100 yd Individual Medley
Tim Foster 46 1:14.00
 Richard Hay 46 1:15.50
200 yd Individual Medley
 George Worthington 46 2:25.51
W.I. Jones 46 2:31.76
 Richard Hay 46 2:57.67

MEN 50 - 54
50 yd Freestyle
 Harold Berger 53 30.51
 Tom Dewey 52 33.34
 Edward Abramic 51 36.42
100 yd Freestyle
 Tom Dewey 52 1:12.19
200 yd Freestyle
 Paul Geithner 53 2:35.49
 Tom Dewey 52 2:49.44
 Edward Abramic 51 3:49.71
500 yd Freestyle
 Tom Dewey 52 7:27.83
50 yd Breastroke
 Harold Berger 53 41.07
200 yd Backstroke
 Paul Geithner 53 2:59.93
200 yd Breastroke
 Paul Geithner 53 3:15.58
 Edward Abramic 51 D.Q.
50 yd Butterfly
 Donald Rice 50 32.25
 Harold Berger 53 38.83
100 yd Butterfly
 Donald Rice 50 1:16.37
100 yd Individual Medley
 Donald Rice 50 1:17.93
 Paul Geithner 53 1:20.44
 Harold Berger 53 1:33.74
200 yd Individual Medley
 Donald Rice 50 2:53.49
 Paul Geithner 53 2:55.35

50 yd Butterfly Novice
 Bill Campbell 60 41.14
MEN 65 - 69
50 yd Freestyle
 Will Loebenstein 69 37.23
100 yd Freestyle
 Will Loebenstein 69 1:42.92
50 yd Backstroke
 Norris Fluke 66 42.22
 Will Loebenstein 69 49.84
100 yd Backstroke
 Will Loebenstein 69 2:05.64
200 yd Backstroke
 Norris Fluke 66 3:10.39
 Frank Murphy 65 3:16.65
 Will Loebenstein 69 4:54.16
50 yd Breastroke
 Will Loebenstein 69 51.51
100 yd Breastroke
 Will Loebenstein 69 1:53.15
200 yd Breastroke
 Norris Fluke 66 3:38.64
 Will Loebenstein 69 4:37.68
50 yd Butterfly
 Norris Fluke 66 3:41.12
100 yd Individual Medley
 Frank Murphy 65 1:29.27
200 yd Individual Medley
 Norris Fluke 66 3:13.30
 Frank Murphy 65 3:14.89
50 yd Breastroke
 Bert Kassell 71 31.29
500 yd Freestyle
 Kelly Lemon 71 7:01.16
50 yd Backstroke
 Bert Kassell 71 49.96
50 yd Breastroke
 Bert Kassell 71 53.02
100 yd Breastroke
 Kelly Lemon 71 1:28.51
50 yd Butterfly
 Bert Kassell 71 45.31
100 yd Individual Medley
 Bert Kassell 71 1:41.05
MEN 75 - 79
50 yd Freestyle
 Stanton Craigie 77 36.82
50 yd Backstroke
 Stanton Craigie 77 53.63
50 yd Breastroke
 Stanton Craigie 77 54.69

In Tennessee —

Ridger Crews named to Swimming Hall of Fame



JOHN CREWS

Oak Ridger John Crews has been named as one of five new inductees into the Tennessee Swimming Hall of Fame.

He will be honored along with the other inductees at a dinner hosted by Tennessee swimming coach Ray Bussard at 7 p.m., Friday, Feb. 24, at the UT Aquatics Center.

This is the first year in the three year history of the Hall of Fame that five swimmers have been chosen to receive the honor. The other 1983 inductees include: Reba Morton Kennedy of Knoxville, Dave Edgar of Ft. Lauderdale, Fla., John Pataky, swim coach at the McCallie School in Chattanooga, and Dick Fadgen, coach of the Memphis State Aquatic Club.

Crews, originally from Knoxville but an Oak Ridger since 1947, and former swimmer for the University of Tennessee for one year, is currently a member of the Oak Ridge Masters Swim Team.

He came to Oak Ridge with his wife, Nancy, to begin a medical practice after he received an M.D. degree from the University of Tennessee at Memphis. He still operates that practice from his office in the Doctor's Building, which he will soon move from. The Crews have three children.

He began his Masters swimming career in 1972 at a meet in Pittsburgh, Penn., which he attended as an independent swimmer along with former Atomic City Aquatic Club coach Winifred Krogsrud. On the way home from Pittsburgh the two initiated the ground work for a Masters program in Oak Ridge.

Between 1979 and the present Crews has compiled 42 National Championship wins, mostly in freestyle and butterfly events.

During that period he took a break from competition swimming, due to an injury to his shoulder, from the summer of 1980 until this past August, when

he competed in the National Long Course meet in Indianapolis.

At the Nationals this summer, Crews took first places in the 1500 Meter Free and the 100 Meter Free for the 60-64 age group. He also placed second in the 200 Meter Fly and the 400 Meter Fly.

Crews follows a strict training schedule. Before the Nationals in August he was swimming twice a day for a total distance of 3-4,000 yards per day, five days per week. He worked out at the Municipal outdoor pool at noon and moved to the Civic Center for late afternoon workout. According to Crews, interval swimming takes up most of the training time.

His next meet is planned for this weekend as the Oak Ridge Masters travel to Charlotte, N.C.

At one point in his swimming career, around 1959, Crews had his eyes set on the Olympic Gold. But the outbreak of World War I in 1940 cancelled the Olympic Games, and Crews' chance for the Olympic opportunity. After the war he did not become interested in swimming again until 1972 when the Oak Ridge Civic Center indoor pool opened.

"That was the first time I had an opportunity to seriously concentrate on swimming," he said. Crews was named as an Master All-American for nine consecutive years, from 1973-1981. At one time during this period he held as many as 13 National Records in the 55-59 and 60-64 age groups.

Crews will be joined by Knox-Ville Reba Morton Kennedy. Kennedy's long career in swimming includes a National Junior record in the 400 Meter Relay when she swam with the Louisville (Ky.) Lakeside Swim Team and went to finals of the Olympic qualifying meets in 1948.

Kennedy broke records all over the Southeast during her swimming career and held one National Junior record in the 100 Free which stood for over ten years.

Kennedy turned pro and swam with the Johnny Weismuller Water Capers, toured with the Toronto Sportman Show throughout South and Central America, and appeared in several video productions, including an Esther Williams' TV special.

Also being honored on Feb. 24 will be Dave Edgar, former University of Tennessee swimmer and member of the 1972 Olympic Swim Team. Between the years 1970-1973 Edgar held the National records for the 50 and 100 Meter Free. In the 1972 Olympic Edgar was a member of the 400 Meter Free Relay which won first place.

McCallie Coach John Pataky is the fourth inductee into the Hall of Fame. During his years at McCallie Pataky has compiled a 148-13 dual meet record.

Memphis State Aquatic Club Coach Dick Fadgen acquired three state AAU age group records in the 1960's during his career as coach at MSU.

Phone: 482-1021

Ridger Sports

obell, Sports Editor

THE OAK RIDGER, OAK RIDGE, TENNESSEE, THURSDAY, JANUARY 26, 1984 Page 12

SWIM-MASTER

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Swimming News

CORRECTIONS TO RELAY TOP TEN - LONG COURSE

WOMEN 200 M Free 65+

2 St. Petersburg
Cichanski, Schimpf, Ballard, Kennedy

WOMEN 200 M MEDLEY 65+
1 St. Petersburg
Schimpf, Schultz, Kennedy, Ballard

MIXED 200 M MEDLEY RELAY 65+

4 St. Petersburg
add Schimpf, Johnston

MEN 200 M FREE RELAY

7 St. Petersburg 45+
Risher, Ferris, Kohnken, Hutcheson

8 St. Petersburg 65+
Briscoe, Johnston, Tillotson, McGuire

MEN 200 M MEDLEY RELAY

7 St. Petersburg 35+
Maguire, Betzer, Boyer, Pyhei

8 St. Petersburg 45+
Coxhead, Burns, Risher, Hutcheson

8 St. Petersburg 65+
Mackey, Johnston, Stinson, Briscoe

ADDITIONS TO ALL AMERICAN.....

MEN 35-39 Richard Bauschard & Thomas Meehan

A three way tie with R. Cargill.....

1983 PMS SWIMMERS OF THE YEAR - Dr. John Richards
is a busy pediatrician and member of the Los
Altos (California) Masters. He has been club
treasurer, and this year serves as liaison with
the city of Los Altos. John is working hard for
his club to keep their pool open and available

for Masters's and Senior Citizen physical fitness. Dr. Richard's hard training under coach Randy Kalbus paid off in 1982 when he won his first National Championship at the LC meet in Portland. Still improving, in 1983 he won all the breaststroke events in his 60-64 age group at both SC and LC National meets. John established National Records in both the 50 y & 50 m breaststroke events in 1983 and more recently has lowered the 50 y mark further. Look out if Dr. John Richards decides to apply his practice to other strokes!

Pat Matthiesen is an energetic member of the San Mateo Master Marlins (65-69) and Secretary for Pacific Masters Swimming. Inbetween part-time work, and her own swim training, she types, publishes and distributes meeting minutes and a monthly newsletter for Pacific Masters Swimming's 2000+ members and 40+ teams. Pat is a regular attendee at one of both USMS Championships. In the 1983 LC meet in Indianapolis, she won the 200 M butterfly and placed 2nd and 3rd in the 200 and 400 IM's respectively. Pat achieved Pacific Masters Swimming Top Ten in every event she swam in in 1983, as well as several National Top Ten listings. Pat was a 1983 Masters's All-American. She also competes in open water swims and won her age group in three PMS open water swims in 1983, including the PMS Open Water Championships at Lake Berreyessa.....

SWIMMING REPLACES JOGGING AS LATEST TREND IN EX-

ERCISE - Jogging's moment seems to be over. There are still plenty of jogging maniacs, but the fad is wilting. For one thing, more people are aware - painfully aware - of jogging's pitfalls, such as jogger's knee and jogger's ankle. The dogs bark, and the caravan moves on to the swimming hole. SUCCESS magazine says that the number of regular swimmers will grow by 5 percent a year for the next five years. A recent Harris poll reported that 26 million adults swim regularly, compared with 17 million who jog regularly. Swimming is relaxing, but it is also good exercise, said Dr. Albert Kattus, director of cardiac rehabilitation at Santa Monica Hospital in California. "You're using your entire body, unlike jogging and cycling, which benefit the legs," Kattus said. "In racquet sports, you work one side of the body more than the other." Swimming conditions the heart, gently tones all major muscle groups and burns up fat. Depending on the pace you set, you expend 400 to 800 calories an hour while swimming. And, finding a place to swim should not be a problem; there are about 2 million pools in this country. Swimmers even speak of a "swimming High." "You feel totally alive, with no concern for the future or any sense of self-evaluation," said Dr. Keith Bell, an Austin, Texas, sports psychologist and therapist. "For the moment you're absorbed in the flow of life."

SWIM-MASTER

June Krauser, Editor
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SWIM CALENDAR

VOL XIII - No 3

MARCH - APRIL 1984

| | | |
|---|----------|---|
| APR | | Hawaiian Postal Relays, Kay Harrison, 98-487 Koauka Loon, #B1003, Aila, HI 96701 |
| | 1 | SC - Jack Geoghegan, 155 Osborn Rd., Rye, NY 10580 (April Fools' Meet) |
| | 6-8 | SC - Dixie Regionals, Harold Ferris, 1116-44 Ave. No., St. Petersburg, FL 33703 |
| | 7 | SC - Tim Groy, Westfield Y, 138 Ferris Place, Westfield, NJ 07090 |
| | 7-8 | SC - Nick Kakos, P.O. Box 8513, Canton, OH 44711 |
| | 8 | SC - Dave McAfee, 510 E. Broad St., Falls Church, VA 22046 |
| | 8 | SC - Carolyn Ferris-Johnson, 2711 Levin Ct., Mountain View, CA 94040 |
| | 13-14 | EOMAC - Lynn Wilkinson, 1185 Queen Victoria Ave., Mississauga, Ont. L5H 3H2 CANADA |
| | 13-15 | A.U.S.S.I. - Brian Hird, P.O. Box 456, Sutherland 2232 AUSTRALIA |
| | 13-15 | SC - Gail Dummer, 3331 John Hinckle Place, Bloomington, IN 47401 |
| | 13-15 | SC - John Bauman, 9717 Saratoga Dr., Caledonia, WI 53108 |
| | 13-15 | SC - Monty Karnes, Flint YMCA, 411 E. 3 St., Flint, MI 48502 |
| | 13-15 | SC - Mike Cook, 215 Ottawa, Joliet, IL 60451 |
| | 13-15 | SC - Arnie Dowd, 8254 Johnson St., Arvada, CO 80005 |
| | 14-15 | SC - David Wskin, 66 Audubon Dr., Chestnut Hill, MA 02167 |
| | 14-15 | SC - Tom Boak, 63 Huntsman's Horn Circle, Woodlands, TX 77380 |
| | 20-21 | SC - Paul Hutinger, 815 N. Charles, Macomb, IL 61455 |
| | 24-28 | 1st Int. Champ., Convention Mgt. Ser. of N.Z., P.O. Box 2607, Christchurch N.Z. |
| | 21-28-29 | SC - Nancy Ridout, 580 Sunset Pkwy., Navato, CA 94947 |
| | 27-29 | SC - Peter Jurczky, 5610 Hickory Dr., Ft. Pierce, FL 33450 (Indian River C.C.) |
| | 27-29 | SC - Delores Wentis, 537 Sunnybrook Terr., Port St. Lucie, FL 33452 |
| | 27-29 | SC - Bruce Haffner, 5453 Lakewood Ave., Chicago, IL 60640 |
| | 28 | SC - Rick Field, 22 Kensington, Conway, AR 72032 |
| | 28 | SC - Cal Schaeffer, 2826 Eastwood Dr., York, PA 17402 (York Dutch Masters) |
| | 28-29 | Falun Sweden - The Sweedish Swimming Federation, Idrottens Hus, 123 87 Farsta, Sweden |
| | 28-29 | SC - Will Worley, 1001 Village Dr., College Station, TX 77840 |
| | 28-29 | SC - Mary Sigler, 1032 Davidson Rd., Nashville, TN 37205 |
| MAY | 4-5 | SC - Charles Weidanz, Lakeland Hills Y, P.O. Box 6, Mountain Lakes, NJ 07046 |
| | 5 | SC - Cecil Whitiker, 776 NE 125 St., Parks & Rec Dept, North Miami, FL 33161 |
| | 5-6 | SC - Will Worley, 1001 Village Dr., College Station, TX 77840 |
| | 11-13 | Canadian Champ., Steve Gosse, 10516 - 35 Ave., Edmonton, Alberta T6J 2L9 CANADA |
| | 13 | SC - Sandy Reece-Martens, 2037 Cardinal Way, Fairfield, CA 94533 |
| | 18-20 | SC - YMCA NATIONALS - Tobias Baedeker, 4545 Marshall Rd., Kettering, OH 45429 |
| | 26-29 | SC - USMS NATIONALS - Tina Martin, 3320 Primavera St., Pasadena, CA 91107 |
| JUN | 2 | Int. Meet SG MBB-Munich, Heinz Siegel, Eduard Schmidstr.32, 8000 Munich 92, W. Ger. |
| | 10 | LC - Pentathlon, Alicia Coleman, 24 The Point, Coronado, CA 92118 |
| | 16-17 | LC - Kerry O'Brien, 125 Player Ct., Walnut Creek, CA 94598 |
| | 16-17 | LC - Natalie Clement, 4528 Falcon Ridge Dr., Sarasota, FL 33583 |
| | 16-17 | LC - SENIOR OLYMPICS - Senior Olympics '84, 5726 Wilshire Blvd., Los Angeles, CA 90036 |
| | 20-24 | Dixie Masters Swim Camp - Peter Mullen, Brenau College, Box 4743, Gainesville, GA 30501 |
| | 22-24 | LC - Tom Fay, MFR & CC, Maryland Farms, Brentwood, TN 37027 |
| AUG | 23-26 | LC - USMS NATIONALS - Hill Carrow, 2901 Sandia Dr., Raleigh, NC 27607 |
| LONG DISTANCE MEETS - Dale Petranech, 1008 Oaklyn Ct., Voorhees, NJ 08043 | | |

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