

THOMAS J. GRIFFITHS, Ed.D.

Director of Aquatics
Safety Officer for Athletics
McCoy Natatorium
The Pennsylvania State University
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PERSONAL

1. Born: August 25, 1949, New York, New York
2. Married: Roni D. Reines: August 13, 1980
3. Children: Kendra Griffiths (1981); Rachel Griffiths (1985)

EDUCATION

1. Ed. D. Degree, 1979; University of Maryland, College Park, MD, Educational Administration
2. M.A. Degree, 1973; University of Maryland, College Park, MD, Physical Education
3. B.S. Degree, 1971; Southern Connecticut State University, New Haven, CT Physical Education, Health Education
4. Diploma, 1967; Cardinal Hayes High School, Bronx, NY

PROFESSIONAL EXPERIENCE

1. 1986-Present: Manager of Aquatic Facilities. Department of Intercollegiate Athletics, Penn State University, University Park, PA
Responsibilities: Coordinate and supervise all phases of aquatics for the Department of Physical Education and Intercollegiate Athletics. Manage a million dollar annual budget for four (4) indoor pools and one (1) 50 meter outdoor pool and a Fitness Center overlooking the Indoor Pools. Supervise intramural and club use of the pool plus outside group rentals. Coordinate research projects conducted in the Natatorium.
2. 1986-Present: Affiliate Associate Professor with Graduate Faculty Status. Department of Exercise and Sport Science, Penn State University, University Park, PA.

Responsibilities: Teach a variety of courses on the undergraduate and graduate level. All areas and levels of aquatics plus sports administration. Teach the

Aquatic Facility Course sponsored by The National Recreation and Parks Association. Teach SCUBA diving courses sponsored by The National Association of Underwater Instructors. Direct the annual Penn State Aquatic Institute.

3. 1989-Present: Safety Officer of Intercollegiate Athletics. Department of Intercollegiate Athletics, Penn State University, University Park, PA.
Responsibilities: Oversee safety checks of all athletic and recreational facilities on campus. Supervise fire and safety inspections of all Intercollegiate buildings, facilities and programs; file and investigate accident reports on all injuries; complete workman's compensation and workman's right to know for all athletic facilities; establish risk management and emergency procedures for each facility. Keep 250 employees, including coaches, informed of the latest trends in athletic and recreational safety. Awarded Certificate from PSU for a decade of consecutive service.
4. 1998-2001: Manager, Sarni Tennis Facility. Department of Intercollegiate Athletics, Penn State University, University Park, PA
Responsibilities: Manage all aspects of the Sarni Tennis Facility including maintenance and operations, practice periods as well as tournament play. Scheduling, hiring, supervising and risk management responsibilities are included.
5. 1989-Present: Instructor for The National Swimming Pool Foundation (N.S.P.F.)
Responsibilities: Teach the Certified Pool Operator (C.P.O.) course to pool personnel throughout the country.
6. 1994-Present: Aquatic Facility Operator Instructor.
Responsibilities: Teach the Aquatic Facility Operators Course (AFO) to pool personnel throughout the country for the National Recreation and Parks Association (NRPA).
7. 1995-present: Instructor for PA Dept. of Health and Agriculture.
Responsibilities: Teach Pennsylvania's Department of Health and Department of Agriculture Swimming Pool Inspectors.
8. 1999-Present: Safety Consultant for the Pool Management Group, Inc.
Responsibilities: Advise in safety matters for swimming pool companies in 13 cities overseeing 2, 5000 lifeguards
9. 1983-1986: Assistant Professor of Physical Education. Indiana State University, Terre Haute, IN 1986, Associate Professor (tenured), Indiana State, Terre Haute, IN.
Responsibilities: Teach basic and advanced SCUBA diving courses, water safety programs, and promoting underwater education and research in the Midwest. Teach sport psychology and motor learning on the graduate level.

10. 1983-1986: Aquatic Director, Indiana State University, Terre Haute, IN.
Responsibilities: Coordinate and supervise all swimming, recreational activities and athletic events associated with the swimming pools. Develop an aquatic curriculum and advise other swimming instructors.
11. 1985-1986: General Education Director, Physical Education Department. Indiana State University, Terre Haute, IN.
Responsibilities: Coordinate and supervise all phases of the Physical Education Service or Activity Program. Responsibilities include scheduling, budgeting, and curriculum development. Assigning and supervising graduate assistants as needed.
12. 1977-1983: Aquatic Director, University of Maryland, College Park, MD.
Responsibilities: Coordinate and supervise all swimming courses, recreational activities and athletic events associated with the swimming pools. Develop an aquatic curriculum and advise other swimming instructors.
13. 1971-1980: Springboard Diving Coach for Men and Women, University of Maryland, College Park, MD.
Responsibilities: Coach both men's and women's intercollegiate teams. Recruit High School divers to attend the University of Maryland.
14. 1973-1983: Instructor of Physical Education, University of Maryland, College Park, MD.
Responsibilities: Teach Basic and Advanced SCUBA Diving, Water Safety and Lifesaving Courses through the Physical Education Program.
15. 1971-1973: Graduate Assistant in Physical Education Department, University of Maryland, College Park, MD
Responsibilities: Teaching various swimming courses in required Physical Education Program.

OTHER PROFESSIONAL EXPERIENCE

1. March 2003 – March 2004 President-Elect, NRPA, Aquatic Branch
2. June 24 – 28, 2002, Rescue Task Force Member and Chairman of Expert Meeting on Scanning, *The World Drowning Congress*, Amsterdam, NL,
3. 2000-present: *Centers for Disease Control (CDC)*, National Recreational Water Illness Review Panel
4. 1990-present: Editorial Board, Aquatics International, Los Angeles
5. 1995-present: Technical Advisor, Pool and Spa Living, Philadelphia, PA

6. 1986-Present: Aquatics Coordinator, Penn State University, Continuing Education Department and Department of Exercise and Sport Science, University Park, PA.
7. 1986-Present: Executive Director, Pennsylvania Swimming Hall of Fame.
8. 1988-1994: Springboard Diving Referee, Atlantic Coast Conference (A.C.C.) University of North Carolina, Chapel Hill, NC.
9. 1990-1998: Ferguson Township Supervisor, , PA. Elected to two, four year terms. Chairman.
10. 1995-1996: Chairman, Centre Region Council of Governments.
11. 1986-2000: Editor, Aqua Notes, Pennsylvania Aquatic Council.
12. 1988-2000: Treasurer, Pennsylvania Aquatic Council.
13. 1992-1998: President-, Pennsylvania Aquatic Council.
14. 1986-Present: Certified Pool Operator Course Instructor, (NSPF).
15. 1989-1995: Chairman, American Cancer Society Swim-A- Thon.
16. 1986: Adapted Swimming Instructor for United Cerebral Palsy, Terre Haute, IN.
17. 1984-1986: Program Director, Terre Haute Aquatic Club.
18. 1983: Diving Safety Officer for C.A.H.E.P. Archaeological Dig in Caesarea, Israel.
19. 1983-1986: Aquatics Coordinator, Indiana State University, Continuing Education Department, Terre Haute, IN.
20. 1981-1983: Springboard Diving Coach, Montgomery County Department of Recreation, Rockville, MD.
21. 1980-1981: Swimming/Diving Coach for Boys and Girls, Bethesda Chevy Chase High School, MD.
22. 1973-1982: Swimming Professional, Chevy Chase Country Club, Chevy Chase, MD.
23. 1976: NCAA Diving Referee, Swimming and Diving National Championships, Washington and Jefferson College, Division III.

24. 1977: NCAA Diving Referee, Swimming and Diving Championships
Youngstown State University, Division II.

INVENTIONS

1. ***Griff's Guard Station***™ A series of Lifeguard Stations for pools and waterparks, manufactured by Paragon Aquatics, LaGrangeville, NY 1-888-KDI-SWIM.
2. ***The Five Minute Scanning Strategy*** © A copyrighted surveillance technique for lifeguards and other surveillance personnel, 2000. Now required by all Pool Management Group, Star Guard and Ellis & Associates Lifeguards (approximately 50,000 lifeguards worldwide).
3. ***The Safety Signage System***™ A new safety signage system for pools, waterparks and beaches developed through research and practical application. Available through ***Signs by Tomorrow*** 1-877-728-7446

PUBLICATIONS

More than 300 papers have been published in scientific, professional and popular journals. Publications also include textbooks, tapes, and articles. External reviewer for the American Red Cross Swimming and Diving publications. Papers have appeared in the following publications: The N.Y. Times, Aquatics International, Parks and Recreation Magazine, Parent Magazine, Prevention, The International Journal of Sport Psychology, Perceptual and Motor Skills, The National Aquatic Journal, Splash Magazine, Underwater U.S.A., Sources, Pressure, Undercurrent, SCUBA Times Magazine, and others.

MOST RECENT PUBLICATIONS

TEXTBOOKS, CHAPTERS AND VIDEOS:

1. Griffiths, Tom. ***The Five Minute Scanning Strategy***© **Video**, Paragon Aquatics, LaGrangeville, NY, 2000.
2. Griffiths, Tom. ***Disappearing Dummies*** **Video**, Aquatic Safety Research Group, LLC., State College, PA, 2006
3. Griffiths, Tom. ***Better Beaches***, National Recreation and Parks Association, Reston, VA. 1999.
4. Griffiths, Tom. ***The Complete Swimming Pool Reference***, Mosby, Harcourt Brace Company, June 1994.

5. Griffiths, Tom. *The Swimming Pool*, Simon & Schuster, New York, NY, 1995.
6. Griffiths, Thomas J. *Sport SCUBA Diving in Depth*, 2nd Edition, Princeton Book Co., Princeton, New Jersey, 1991.
7. Griffiths, Tom. *The Complete Swimming Pool Reference, 2nd Edition*, Sagamore Publishing, Champaign, IL, 2003.
8. Griffiths, Tom, Steel, Don and Volgelson, Hans. Lifeguard Behaviors and Systematic Scanning Strategies, *Drowning: New Perspectives on Intervention and Prevention*, Fletemeyer and Freas, editors, CRC Press, 1999, p. 267-279.
9. Griffiths, Tom, Edwards, Michael and Richard Scott. Chapter 23: Aquatic Facilities, *Facilities Design and Management*, Sagamore Publishing, Champaign, IL. 2005, pp 296-312.
10. Griffiths, Tom; Fenner, Peter; Oostman, Michael and Pia, Frank. Chapter 5.5, Lifesaver Surveillance and Scanning: Past, Present and Future, *Handbook on Drowning*, Joost Bierens, editor, Springer-Verlag, Berlin Heidelberg, Germany, 2006.
11. Griffiths, Tom *Lifeguard Vigilance Video*, Human Kinetics, Champaign Urbana, IL., 2006

SELECTED ARTICLES:

11. Griffiths, Tom. “Deadly Triggers,” *Aquatics International*, March 2006, page 22.
12. Griffiths, Tom. “A Matter of Perception: Why Lifeguards Fail to See Victims,” *Aquatics International*, Nov/Dec, 2004, pp14-15.
13. Griffiths, Tom. “Fair Warning: Safety Signage,” *Aquatics International*, February 2003, p. 12.
14. Griffiths, Tom. “Playing it Safe: 10 Mistakes to Avoid,” *Aquatics International*, May 2004, pp. 26-30
15. Griffiths, Tom. “Why People Drown in Guarded Pools,” *Expertly Speaking*, DJS Associates, Inc. Fall/Winter 2002-2003, p. 2.
16. Griffiths, Tom. “The Vigilant Lifeguards: the Inverted U Hypotheses, PART I,” *Aquatics International*, May 2002, pp.18-21.
17. Griffiths, Tom. “The Vigilant Lifeguards: the Inverted U Hypotheses, PART II,” *Aquatics International*, June 2002, pp.

18. Griffiths, Tom. "In too Deep," Aquatics International, April 2002, p.12-13.
19. Griffiths, Tom. "Every 30 Minutes," Aquatics International, June 2001, p. 10.
20. Griffiths, Tom. "The 10 Commandments of Aquatic Risk Management," Australia IEA Sport Monthly Update, Edition 2, 2001, pp. 1-4.
21. Griffiths, Tom. "The 10 Commandments of Aquatic Risk Management," Athletic Business, December 2000, pp. 132-140.
22. Griffiths, Tom. "Re-inventing the LifeGuard Chair," Parks and Recreation Magazine, November 2000, p. 70-71.
23. Griffiths, Tom; Hans Vogelsong and Steel, Donald. "Reducing Risks at Aquatic Facilities through Lifeguard Training," Parks and Recreation Magazine, November, 2000, pp. 66-73.
24. Griffiths, Tom. "Seven Deadly Sins for Aquatic Facilities," National Aquatic Council Newsletter for NRPA, Hoffman Estates, IL, February 2000.
25. Griffiths, Tom. "Don't Ask an Expert...Become an Expert," Aquatics International, March/April, 1999, p.14.
26. Griffiths, Tom. "All Along the Watchtower," Aquatics International, July/August 1998, p.14.
27. Griffiths, Tom. "Lifeguards as Educators," Parks and Recreation Magazine, July 1995, p.32-33.
28. Griffiths, Tom. "Penn State Survey Reveals Lifeguard Statistics," Aquatics International, November/December, 1994, p. 8.
29. Griffiths, Tom. Parks and Recreation Magazine, Editor, Aquatic Issue, July, 1995.
30. Griffiths, Tom. "Lifeguards as Educators," Parks and Recreation Magazine, pp. 32-33, July, 1995.
31. Griffiths, Tom and Griffiths, Walter. "Silent but Deadly," Recreation Magazine, pp. 40-44, July, 1995.
32. Griffiths, Tom and Ratner, Jeffrey, MD. "Exercise Induced Asthma and Indoor Swimming Pools," Parks and Recreation Magazine, pp. 46-51, July, 1995.

33. Griffiths, Tom. "Add a Fitness Center to Your Pool," Parks and Recreation, July 1993, pp.50-54, 83.
34. Griffiths, Tom. "Poolside Fitness Centers Increase Pool Profits," Aquatics International, March/April 1992, pp. 16-19.
35. Griffiths, Tom, Steel, Don and Hans Vogelsong. "The 1995 National Lifeguard Survey: How WaterPark Lifeguards Fared" Splash Magazine, April 1996, pp. 26-28.
36. Griffiths, Tom and Marchese-Ragona, Silvio. "A Comparison of Five Selected Out-of-Air Response Techniques," Sources, NAUI Diving Association News, November/December 1988, p. 49-52.
37. Griffiths, Tom and Marchese-Ragona, Silvio. "Out of Air Emergency Skills: Part I," Underwater USA, October 1988, pp. 36-37.
38. Griffiths, Tom. "Do Lifeguards do What They're Paid to Do?" The New York Times, New Jersey Section, Sunday, July 19, 1987, p. 22.
39. Griffiths, Thomas J. "A Legalistic Approach to Training Lifeguards," National Aquatic Journal, Vol. 3, #3 Summer, 1987, p. 2-3.

LECTURES, SEMINARS, AND PAPERS PRESENTED AT PROFESSIONAL MEETINGS

More than 500 lectures, seminars and papers have been presented throughout the United States including Alaska, Canada, The Caribbean, the Middle East and New Zealand. These meetings and conferences include: The Centers for Disease Control, The National Recreation and Parks Association Annual Aquatics Conference, The World WaterPark Association Conference, The Council for the National Cooperation of Aquatics, N.A.U.I.'s International Conference on Underwater Education, Our World Underwater, Underwater Canada, Man and the Sea Conference, Diving Equipment Manufacturer's Associations, various State Park and Recreation Conferences and numerous others.

MOST RECENT SELECTED PRESENTATIONS

1. Griffiths, Tom. "Aquatic Risk Management Basics," National Aquatic Management School, NRPA, Austin, Texas, March, 1-3, 2006.
2. Griffiths, Tom. "The Science and Medicine of Aquatics," National Aquatics Conference, NRPA, Austin Texas, March 3-5, 2006
3. Griffiths, "The Science and Medicine of Water Safety," Canadian Aquatic Professional Symposium, Calgary, Alberta, May 3-8, 2006

4. Griffiths, Tom. "Amazing Facts: Why Lifeguards Continue to Fail," National Recreation and Park Association Congress, San Antonio, TX., October 19, 2005.
5. Griffiths, Tom. "The Psychology of Lifeguarding" Athletic Business Conference, Orlando, FL, November 11, 2004.
6. Griffiths, Ed.D. "Actual Aquatic Court Cases," California Aquatic Management School, November 3, 2004.
7. Griffiths, Tom "The Seven Deadly Sins at Aquatic Facilities," The World WaterPark Association, Fort Lauderdale, Florida, October 9, 2004.
8. Griffiths, Tom "Re-Thinking Aquatic Safety Signage," National Aquatic Conference sponsored by the National Recreation and Park Association, Charleston, South Carolina, March 5, 2004.
9. Griffiths, Tom. "A New System of Safety Signage," Aquatic Health Conference sponsored by the National Swimming Pool Foundation, Atlanta, GA. October 5, 2004.
10. Griffiths, Tom. "Seven Simple Safety Tips for Beaches," Sustainable Beaches Summit, Clean Beaches Council, Sandestin, Florida, March 29-31, 2004.
11. Griffiths, Tom. "Top Ten Safety Tips for Families at the Beach," Sustainable Beaches Summit, Clean Beaches Council, Sandestin, Florida, May 29-31, 2004.
12. Griffiths, Tom. "Seven Simple Safety Tips for Beaches," Water Safety Summit, Panama City, Florida, April 17, 2004.
13. Griffiths, Tom. "Re-thinking Aquatic Safety Signage," National Recreation and Park Association Aquatic Conference, Charleston, SC, February 29, 2004
14. Griffiths, Tom. "The Five Minute Scanning Strategy for Ellis and Associates Lifeguards," National Aquatic Safety School, Indianapolis, IN., January 15,16, 2003.
15. Griffiths, Tom. "***New Challenges for Recreational Waters***", ***Centers for Disease Control (CDC)***, Decatur, GA, March 22, 2002.
16. Griffiths, Tom. "It's NOT Just Another Day at the Beach," National and Recreation and Park Association Congress, Phoenix, Arizona, Friday, October 13, 2000.
17. Griffiths, Tom. "Seven Deadly Sins at Aquatic Facilities," Athletic Business Conference, Orlando, Florida, December 1, 2000.

18. Griffiths, Tom. "Water Quality and Water Safety Issue at In-Land Beaches," National Recreation and Park Association, National Congress, Salt Lake City, Utah, October 30, 1997
19. Griffiths, Tom. "Increasing Water Safety at Guarded and Un-Guarded Beaches. National Recreation and Park Association, National Aquatic Conference, Panama City, Florida, March 9, 1998.
20. Griffiths, Tom. "The Psychology and Physiology of a Potential Drownee--the Breath Holding Swimmer" NRPA National Aquatic Conference, Palm Springs, CA., March 10, 1996.
21. Griffiths, Tom. "The 1995 National Lifeguard Survey: Results and Recommendations," NRPA National Aquatic Conference, Palm Springs, CA., March 11, 1996.
22. Griffiths, Tom. "*The 5 Minute Scanning Strategy @'*", NRPA National Aquatic Conference, Palm Springs, CA, March 11, 1996.
23. Griffiths, Tom. "Water Quality and Water Safety Issues at Swimming Beaches," PA Department of Health, Raystown Resort, PA, June 12, 1996.
24. Griffiths, Tom. "Practical Aquatic Risk Management", Alaska Parks and Recreation State Conference, Seward, Alaska, September 15-25, 1995.
25. Griffiths, Tom. "Practical Solutions to Common Pool Problems, NRPA National Aquatics Conference, Orlando, FL March 9, 1995.
26. Griffiths, Tom. "The 1994 National Lifeguarding Survey", NRPA National Aquatics Conference, Orlando, FL. March 9, 1996 .
27. Griffiths, Tom. "The 1994 National Lifeguarding Survey and the 5 Minute Scan," The World Waterpark National Conference, Orlando, Florida, March 25, 1995.
28. Griffiths, Tom. "Lifeguarding and Risk Management at Lakes and Ocean Beaches," Rhode Island Insurance Trust, Providence, Rhode Island, June 10, 1996.
29. Griffiths, Tom. "Systematic Scanning Strategies for Lifeguards," Alaska Parks and Recreation State Conference, Seward, Alaska, September 15-25,
30. Griffiths, Tom. "What Ever Happened to Common Sense in Aquatics?'," the National Recreation and Parks Association and Aquatic Conference, Mesa, AZ, March 25 - April 2, 1994.

31. Griffiths, Tom. "Systematic Scanning Strategies for Lifeguards: Survey Results and Recommendations," Council for the National Cooperation of Aquatics, Charlotte, NC, October 12, 1994
32. Griffiths, Tom and Marchese-Ragona, Silvio. "Out-of-air Emergency Ascent Research," Diving Equipment Manufacturers Association Conference, Las Vegas, Nevada, January 26-29, 1989.
33. Griffiths, Tom. "The Female Diver: Psychological and Physiological Concerns," Underwater Canada, Ontario, Canada, April 7,8,9, 1989.
34. Griffiths, Tom. "The Female Diver," Our World Underwater, Hyatt Regency, O'Hare, Chicago, April 21-23, 1989.
35. Griffiths, Tom. "Air-Sharing Research," International Conference on Underwater Education, Houston, Texas, June 2-4, 1989.
36. Griffiths, Tom. "Herod's Sunken Harbor," International Conference on Underwater Education, Santiago College, Santa Ana, California, November 6-9, 1987.
37. Griffiths, Tom. "The Female Diver: Physiology and Psychology," Our World Underwater Symposium, Chicago, IL, April 25, 1987.
38. Griffiths, Tom. "The Female Diver" Socio-Psychological Aspects," International Conference on Underwater Education, Santiago College, Santa Ana, California, November 6-9, 1987.
39. Griffiths, Thomas J. "Your Complete Panic Prevention Program," International Conference on Underwater Education, Florida International University, North Miami, Florida, October 3,4,5, 1986.
40. Griffiths, Thomas J. "A Review of Psychological Research," Inter-national Conference on Underwater Education, Florida International University, North Miami, Florida, October 3, 4, 5, 1986.
41. Griffiths, Thomas J. "Psychological Aspects of Diving," N.A.U.I. Mid-America Diving Workshop, Westmont, Illinois , March 22, 1986.
42. Griffiths, Thomas J. "Diagnosis and Treatment of Diver Stress," Diving Medicine in Depth Symposium, Grand Cayman, B.W.I., July 11, 1985.
43. Griffiths, Thomas J. "Stress and Panic in Diving," Diving Medicine in Depth Symposium, Grand Cayman, B.W.I., July 12, 1985.

RADIO AND TELEVISION APPEARANCES

1. Griffiths, Tom. *Inside Edition* with Deborah Norville and Matt Meagher, "Pool Entrapments," May 22, 23, 26, 2001 (and summer 2002) on stations throughout the USA.
2. Griffiths, Tom. *Inside Edition* with Deborah Norville and Matt Meagher, "Dirty Pools" September 7, 2001 on stations throughout the USA.
3. Griffiths, Thomas J., with Sonny Jurgensen. "Swimming Tips: Proper Breathing," P.M. Magazine, WTOP-TV, Channel 9, Washington, D.C., July 17, 1979.
4. Griffiths, Thomas J., with Sonny Jurgensen. "Swimming Tips: Drown-proofing," P.M. Magazine, WTOP-TV, Channel 9, Washington, D.C., July 19, 1979.
5. Griffiths, Thomas J., and Duane Beeson. "Swimming Safety: Of Public Interest." Carried by 15 radio stations, May 22, 1984, 15 minute radio show.
6. Griffiths, Thomas J. "Summer Swimming Safety," Good Morning, Terre Haute, June 12, 1984, WBAK-TV, Terre Haute, Indiana. 5 minute TV show teaching parents how to safeguard their children from drowning during the summer.
7. Griffiths, Thomas J. "Summer Swimming Teams," Mid-Day Report, Channel 10, WTHI-TV, Terre Haute, Indiana, April 22, 1985.
8. Griffiths, Thomas J. "Competitive Swimming for Boys and Girls," Channel 38, WBAK-TV, Terre Haute, Indiana, April 18, 1985.
9. Griffiths, Thomas J. "Terre Haute Aquatic Club," Mid-Day Report, Channel 10, WTHI-TV, Terre Haute, Indiana, September 25, 1985.
10. Griffiths, Thomas J. "The Aquatics Institute at ISU, Morning News, Channel 10, WTHI-TV, Terre Haute, Indiana, Mary 21, 1986.
11. Griffiths, Thomas J. "Of Public Interest: Summer Water Safety." WISU Radio - FM, May 22, 1986.
12. Griffiths, Thomas, J. "Swimming and Pool Safety", WPSX TV, Taking Note with Patty Satalgia, April, 1997.
13. Griffiths, Thomas, J. Editorial Commentator for WMAJ Radio, Broadcast two editorials of public interest per week. Editorials air twice daily. November 1998 to 2000.

OFFICES HELD AND PARTICIPATION

1. Chairperson, College Division, MAHPER, 1976-1977.
2. Associate Member, Undersea Medical Society, 1976-1980.
3. Aquatics Chairperson for the Wabash Valley American Red Cross Safety Committee, 1984-1986.
4. Aquatic Chairperson, Senior Olympics of the Wabash Valley, 1983-1986.
5. Chairperson of District 7, IAHPERD, Fall; 1983-1986.
6. Coordinator, Region C, IAHPERD, Fall; 1985-1986.
7. Speakers Bureau Development Committee, IAHPERD. Spring 1984-1986.
8. Course Director, National YMCA, Assistant Instructor Institute, Indiana State University, Terre Haute, Indiana, May 17, 18, 19, 1986.
9. Pennsylvania Aquatic Council, 1986-2001.
10. Editor, Pennsylvania Aquatic Council Newsletter, 1987-2001.
11. Treasurer, Pennsylvania Aquatic Council, 1988-2001.
12. President-Elect, President, Past President, National Recreation and Park Association (NRPA), October 2003 – October 2006.

HONORS AND RECOGNITION

1. Southern Connecticut State University Swimming Academic Award, 1971.
2. Elected to *“Who's Who Among Students in American Universities and Colleges”*, 1971.
3. Certification of Appreciation by the National Association of Underwater Instructors for Dive America Committee, 1974.
4. American Red Cross Certificate of Appreciation for 500 hours of Outstanding Service, 1975.
5. American Red Cross Certificate of Appreciation for 1,000 hours of Outstanding Service, 1976.
6. American Red Cross Certificate of Appreciation for 1,500 hours of Outstanding Service, 1977.

7. Diving Referee, NCAA National Championship, Division III, 1976.
8. Diving Referee, NCAA National Championship, Division II, 1977.
9. Honorary Member, Maryland University Alumni Swimming Association, 1978.
10. Honorary "M" Club Member, University of Maryland, 1979.
11. Nominated as "***Outstanding Teacher at the University of Maryland***" by the students of the College Park Campus, April 3, 1979.
12. Recipient of \$5,000 Research Grant from the Dorothy Jordan Chadwick Foundation for Physio/Psychological Study on Underwater Archeologists in Israel, Summer 1983.
13. 20 year Volunteer Service Award -- American Red Cross, 1988.
14. ***25 year Volunteer Service Award*** -- American Red Cross, 1992.
15. "***Who's Who in Aquatics-- The Top 100***", Aquatics International Magazine, ***1997, 1998, 1999, 2000, 2001, 2002, 2003.***
16. ***Power 25- Aquatics International Magazine, Top 25 most powerful aquatics professionals in the World, 2004, 2005, 2006.***
17. Certification of Appreciation-- from Penn State University Office of Environmental Health and Safety for 10 years of Consecutive Service as a member of the University Safety Council, 1999.
18. ***United States Tennis Association (USTA)*** for the Sarni Tennis Facility at Penn State University, "***Best College Tennis Facility in Middle States Region,***"1999.
19. National Recreation and Parks Association, NRPA"***Excellence in Aquatics***", ***University Division, Best College Aquatic Programming in the Nation, 2000.***
20. National Recreation and Park Association (NRPA) ***Distinguished Aquatic Professional Award***, for Lifetime Achievement, March 2003.
21. European Lifeguard Academy ***Friend of the Academy***, awarded by the Executive Committee of the European Lifeguard Academy for significant contributions to preventive lifeguarding, July 2003.
22. ***Paragon Aquatic Safety Award*** presented at the ***International Swimming and Diving Hall of Fame***, Fort Lauderdale, Florida, May 7, 2004, for a lifetime of significant water safety efforts and accomplishments

PROFESSIONAL TRAVEL

Water Safety Inspections, Seminars, Audits and/or Underwater Expeditions to:

Ocho Rios, Jamaica	1973
Cozumel, Mexico	1974
Red Sea, Israel	1975
San Salvador, Bahamas	1976
Turks and Caicos, B. W. I.	1977
San Salvador, Bahamas	1978
Grand Cayman, B. W. I.	1979
Florida Keys, U.S.A.	1979
San Salvador, Bahamas	1980
San Salvador, Bahamas	1981
San Salvador, Bahamas	1982
Caesarea Maritima, Israel	1983
Florida Keys, U.S.A.	1983
Florida Keys, U.S.A.	1983
Red Sea, Egypt	1983
Grand Cayman, B.W.I.	1984
Florida Keys, U.S.A.	1985
Ginnie Springs, Florida	1985
Grand Cayman, B. W. I.	1985
Ginnie Springs, Florida	1986 -- 1996
Cancun, Mexico	1997, 1998
Aruba, Netherlands	1999
New Zealand	1999, 2000
Ixtapa, Mexico	2000
St. Johns, US Virgin Islands	2000
Cancun, Mexico	2001
Amsterdam, the Netherlands	2002
Paris, France	2002
Dominican Republic	2002
Japan (Sasebo, Yokosuka, US Navy Bases)	2004
Calgary, Alberta	2006

AQUATIC RISK MANAGEMENT SEMINARS

Fairfax, VA Parks and Rec.	Spring 2005
Houston, TX, Great Houston Pools	April 1, 2006
Alexandria, VA, High Sierra Pools	May 12, 2006
Lake Elsinore, CA (shoreline safety)	June 28, 2006

**AQUATIC SAFETY WORKSHOPS PRESENTED FOR
STATE & REGIONAL AQUATIC ORGANIZATIONS**

Texas	1994	Oregon	
1996			
Alaska	1995	Maryland	1996
Pennsylvania	1994--98	Wisconsin	1997
Rhode Island	1996	New Hampshire	1997
South Dakota	1995	Ohio	1998
Virginia	1996, 1997	New Jersey	1999
Aruba	1999	New Zealand	2000
Virginia	2001	Michigan	2002
New England (NETI)	2002	Connecticut	2002
Southwest Regional (NRPA)	2002	Oregon	
2003			
Nebraska	2003	Iowa	2003
Michigan	2004	Virginia	2004
Texas	2006	California	2005, 6

BETTER BEACH SEMINARS (NRPA)

SAFE SWIMMING BEACHES (ASRG)

(first and only national programs for better beach management)

Evanston, IL	February 22, 2000
Liberty, NY	April 10, 2000
Las Vegas, NV	April 15, 2000
Newport, RI	April 30, 2000
Lima, OH	May 12, 2000
Seattle, WA	May 18, 2000
Grand Rapids, MI	January, 20, 2001
Orlando, Florida	March 10, 2001
South Haven, MI	March 26, 2001
Harrisburg, PA	September 24, 2001
Denver, CO	October 2, 2001
Williamsburg, VA	December 8, 2001
Carol Stream, IL	March 18, 2002
Mankato, MN	March 20, 2002
Hyannis, MA	April 7, 2002
Tampa, FL	October 12, 2002
Albuquerque, NM	March 8, 2003
Portsmouth, NH	April 1, 2003
Ft. Lauderdale, FL (World Water Park)	October 5, 2004
Austin, TX (NRPA)	March, 2006
Michigan	February, 2006