



**National Drowning Prevention Symposium  
Sheraton at Station Square ♦ Pittsburgh, Pennsylvania  
April 26-27, 2010**

**Pre-Conference Workshops April 25, 2010**

*~ A Confluence of Water Safety: Prevention, Outreach & Action ~  
Hosted by Slippery Rock University*

**SCHEDULE OF EVENTS**

**Sunday, April 25, 2010**

**PRE-CONFERENCE WORKSHOPS**

**7 am – 1 pm**  
*LOCATION*

**Pre-Conference Workshop Registration Open**

**8 am – 5 pm**  
*POINTVIEW*

**Pool & Spa Operator “Fusion” Certification Course  
National Swimming Pool Foundation-NSPF**

**Pre-conference workshop registration only: Early Bird \$240 / Late \$300**

**Add-on to 2-day Symposium Registration: Early Bird \$200 / Late \$260**

The Certified Pool-Spa Operator® program has delivered more training than any other program in the industry since 1972, resulting in more than 200,000 successful CPO® certifications in 44 countries. This basic licensure-level program satisfies the educational requirement for commercial pool and spa operators in many jurisdictions and follows best practices. The course is available at the National Drowning Prevention Symposium (NDPS) in 2010 as a one day blended course. Advance online preparation in the Pool Operator Primer™ course is required to attend this session.

The blended format combines the Pool Operator Primer™ online course and one day of class instruction, Pool Operator Fusion™. Successful completion of this program will result in the achievement of the designation of Certified Pool-Spa Operator®, valid for 5 years. Pool and spa operators, engineers, service company professionals, health officials, property owners, or any other professionals who help protect aquatic venues will benefit from this course.

**Exclusive fee INCLUDES: the Online Pool Operator Primer Course, the Certified Pool-Spa Operator Handbook®, the Pool Math Workbook™ and the hands on Pool Operator Fusion Course™ at NDPS. For more information on the program please visit the NSPF website at [www.NSPF.org](http://www.NSPF.org)**

8 am – 12 pm  
ELLWOOD

**Open Water Rescue Course: Classroom Portion**

**New Jersey State Police Marine Services Bureau & Slippery Rock University  
Pre-conference workshop registration only: Early Bird \$90 / Late \$120**

**Add-on to 2-day Symposium Registration: Early Bird \$75 / Late \$105**

The New Jersey State Police Marine Services Bureau in conjunction with Slippery Rock University will be conducting an Open Water Rescue course. This program is designed to train law enforcement, firefighters, EMS providers, and lifeguards in personal rescue skills as well as the rescue of victims in distress in open water and surf environments.

Classroom topics include: SAFE rescue, planning and managing surf rescues, surf and weather conditions, rip currents, physiology of drowning, drowning stages, types of drowning. In-Water topics include: Skill development Reaching and throwing, self rescue.

NOTE: Law Enforcement personnel will be expected to enter the water in uniform wearing simulated gunbelt and weapon (provided) and body armor (provided). Fire service personnel will be expected to enter the water wearing full PPE (provided) including a SCBA. Lifeguards and EMS personnel will be expected to enter the water wearing street clothes or what is normally worn while on duty. Pre-requisites for Awareness Level training include good physical condition and the ability to swim 100m wearing a PFD (not timed) and treading water for 2 minutes.

**Exclusive fee INCLUDES: the Open Water Rescue Awareness Level Student Manual, ½ day classroom instruction, ½ day in-water training and access to simulated uniform equipment used during training.**

1 – 5 pm  
POOL AREA

**Open Water Rescue Course: In-Water Portion**

1 – 5 pm  
ELLWOOD

**Lifeguard Training Course: Prevention, Recognition, and Management of Drowning and Aquatic Injuries  
Lifesaving Resources, Inc.**

**Pre-conference workshop registration only: Early Bird \$90 / Late \$120**

**Add-on to 2-day Symposium Registration: Early Bird \$75 / Late \$105**

This training is intended for Lifeguards, Lifeguard Instructors and Supervisors, Aquatic Facility Managers and Operators, and Parks and Recreation Professionals. This workshop will focus on the Standards of Care for the Prevention, Recognition, and Management of Drowning and Aquatic Injuries. Numerous principles will be presented with video and/or audio clips of actual incidents or news stories about those incidents shown to support each principle. This is a fast-paced and dynamic presentation that will inform you, educate you, entertain you, and scare you! This is a must for anyone responsible for training and supervising lifeguards, as well as for lifeguards themselves. Numerous case studies will be presented. Each case represents a submersion incident or serious aquatic injury caused as a result of a breach in the principles presented during this session.

The session will be conducted by Gerald Dworkin, a professional Aquatics Safety and Water Rescue Instructor for Lifesaving Resources, a company dedicated to drowning and aquatic injury prevention and emergency management. Dworkin regularly consults as a Forensics Expert in drowning and aquatic injury litigation; and has over 35 years of professional experience as an Educator, a Lifeguard, a Firefighter, an EMT, and a Water Rescue Technician.

**Exclusive fee INCLUDES: 4 hours of classroom instruction, Handbook, and presentation handouts.**

---

## Sunday, April 25, 2010 (continued)

### SYMPOSIUM ACTIVITIES

- 1 – 6 pm** Symposium Registration Open  
*LOBBY WINDOWS*
- 5 – 8 pm** Exhibit Hall open for set-up  
*WATERFRONT*
- 6 – 8:30 pm** Welcome “Meet & Mingle” event  
*BAR LOUNGE*  
*(light snacks and no-host bar)*
- 7:30 – 9 pm** Alumni Reception  
*LOCATION*  
Slippery Rock University & Indiana University of Pennsylvania

---

## Monday, April 26, 2010

### SYMPOSIUM ACTIVITIES

- 7:00 am – 5:00 pm** Registration Open
- 7:00 – 8:00 am** Continental Breakfast (included)  
*WATERFRONT*  
Viewing of Exhibits
- 8:00 – 8:15 am** Welcome / Opening Remarks  
*ADMIRAL*  
Kim Tyson, NDPA President & Kristin Goffman, NDPA Executive Director.
- 8:15 – 9:00 am** Keynote Presentation by Dr. Frank Pia  
*ADMIRAL*  
***Maximizing the effectiveness of drowning prevention efforts through targeted approaches.*** Differences in age, gender and developmental stages require different approaches to effectively produce change. Dr. Pia brings 32 years of aquatic safety and drowning prevention experience including lifeguard and water safety training. He has educated federal, state, county and local agencies on methods to prevent drowning for swimmers & non-swimmers and to promote safe boating recreation.
- 9:00 – 9:45 am** Presentation by Kathleen Reilly, Public Affairs Specialist with the US CPSC  
*ADMIRAL*  
***How can our states benefit from VGB grants for passing barrier code legislation?*** Ms. Reilly will provide attendees with a long-awaited presentation regarding the CPSC’s educational campaign regarding the Virginia Graeme Baker Act and updates on the grant funds available to states to support drowning prevention efforts.
- 9:45 – 10:15 am** BREAK – Visit Exhibits
- 10:15 – 11:00 am** Presentation by Jack Wagner, Auditor General for the State of Pennsylvania  
*ADMIRAL*  
***How can government support drowning prevention & the importance of lifeguards?*** Jack Wagner, Pennsylvania’s 50<sup>th</sup> elected Auditor General, has identified public safety as one the top priorities for his administration. He expressed strong support of drowning prevention efforts when PA state budget cuts threatened to eliminate funding for all lifeguard programs at state water recreation sites. Through his experience in government and his support for drowning prevention, Wagner will provide essential advice, tools and information that will enable attendees to garner

support for drowning prevention efforts from government and elected officials in their own states and communities.

11:00 – 11:30 am  
*ADMIRAL*

**Demonstration Event by Pittsburgh River Rescue**

11:30 – 11:45 am

**BREAK**

11:45 – 1 pm  
*REFLECTIONS*

**NDPA Awards Luncheon (included),  
State of the NDPA Address**, NDPA President Kim Tyson will provide an update on progress made by the NDPA and directions for future growth.  
**NDPA Awards Presentation**, including the NDPA National Lighthouse Award, Community Lifesaver Awards, sponsor recognition and other acknowledgements.  
**PDF Fashion Show** by Water Safety Congress

1:15 – 1:30 pm

**BREAK – Visit exhibits & head to workshops**

1:30 – 2:30 pm

**WORKSHOP SESSIONS A**

**A1: Understanding the Physiology of Drowning**

*Noel S. Zuckerbran, MD, MPH, Pediatric Emergency Medicine, Children's Hospital of Pittsburgh*

This session will provide attendees a thorough review of the medical aspects of drowning. New universal terminology will be introduced, the pathophysiology of drowning will be reviewed, and current management strategies will be discussed. An overview of experimental and alternative treatment practices will be included.

**A2: Disorganized Data: The Critical Need to Coordinate Submersion Injury Data Collection Policies**

*Jill White, Aquatic Education Division Director, Human Kinetics*

In most areas of the U.S., the collection of drowning statistics consists of well-meaning efforts that often don't use the same definitions, coding schemes, or centralized reporting. This session will educate attendees on the value of drowning statistic collection; discuss how data is currently collected, and make a case for a coordinated data collection system, including specific ideas and guidelines for action.

**A3: Specialized Open Water Risks: Commercial & Industrial Safety, and Cold Water Immersion**

*Robert E. Ogoreuc, Assistant Professor, Slippery Rock University; Cecilia Duer, Executive Director, National Water Safety Congress*

Drowning prevention efforts in the commercial and industrial environment can save lives. Bob Ogoreuc will address the need for safety in commercial settings, including industry standards, equipment needs, and special training necessary to help prevent injuries and death. Cecilia Duer will present facts about cold-water immersion along with prevention, rescue and recovery strategies that can help save lives.

**A4: Adapted Aquatics: Special Needs Activity Program (SNAP)**

*David Lorenzi, Assistant Professor, Slippery Rock University & Emily Vetere, Instructor, Indiana University of Pennsylvania*

There are special challenges involved in teaching individuals with disabilities skills to prevent them from drowning. The SNAP program has been designed to teach these skills through professional aquatic instruction. Learn the benefits and importance of such training. Special emphasis will be placed on the newly updated AAPAR Teacher of Adapted Aquatics credential

2:30 – 2:45 pm

**BREAK**

2:45 - 3:45 pm

## **WORKSHOP SESSIONS B**

### **B1: Advances in Safety Products & Technology**

*Maureen Williams, Founding President of NDPA and Communications Manager, North America, D&D Technologies, USA, along with representatives of safety product manufacturers*

Pool safety product manufacturers have improved many products and designed innovative new systems to improve pool safety. Find out the latest in products & technology for residential and commercial pools, including fencing, alarms, anti-entrapment devices and other technology. Brief presentations on many products by the relevant manufacturers will be included.

### **B2: Are Your Drowning Prevention Efforts Culturally & Developmentally Relevant?**

*Gary E. Clark PhD, Assistant Professor of Physical Education, Slippery Rock University; Allen Wagner, Adjunct Professor, University of Pittsburgh; Frank Salomon, Deputy Chief, and Linda Kirby, Injury Prevention Specialist, Phoenix Fire Department*

This session will offer attendees a practical method to present water safety and drowning prevention programs that relate to children's growth and development stages. In addition, Phoenix Fire Department will share lessons learned in creating culturally relevant drowning prevention programs, literature, and messaging. Attendees will gain specific tools to understand how factors concerning child development, culture, race, and economics can impact your teaching methods and outreach efforts.

### **B3: Risk Management Model for Safer Pools**

*Gareth Hedges, Risk Management Specialist, The Redwoods Group*

This presentation will describe the risk management "virtuous cycle" used by the Redwoods Group, showing how this cycle has helped reduce drowning deaths in YMCAs by over two-thirds, and how it is currently being used to reach their goal of zero drowning in swimming pools. Attendees will learn how pool-operators and private businesses can drive change based on data-driven safety practices to create a heightened culture of safety in aquatics.

3:45 – 4:00 pm

**BREAK**

4:00 – 5:00 pm

## **WORKSHOP SESSIONS C**

### **C1: Alarms: Breaking the Silence**

*Robert Lyons, Terrapin & Robert Jechart, RJE International*

Learn how alarms fit into the layers of protection model to prevent drowning, and the how various types of alarms function. Attendees will receive an overview of performance standards for alarms and learn about legislation specific to alarms in the U.S. and internationally.

### **C2: Swim to Survive Program of Canada**

*Barbara Byers, Public Education Director, Lifesaving Society*

This session will provide an in-depth overview of the **Swim to Survive Program**, launched in 2005 in Canada. In just three hours, this program teaches three skills in three lessons targeted at third graders, with the goal that all children in Canada achieve the Swim to Survive Standard before completing elementary school. Over 200,000 children have completed the program. Swim to Survive now serves as an international model for school-based survival swim instruction programs.

### **C3: Statewide Initiatives to Improve Drowning Prevention**

*Michelle Akins, Quality Assurance Coordinator, Florida State Child Abuse Death Review Committee*

*Kim Burgess, Drowning Prevention Coordinator, Broward County Department of Health, Florida*  
*John Hellsten, PhD, Epidemiologist, Texas Department of State Health Services*  
*Crystal Beasley, Research Specialist, Texas Department of State Health Services*  
 Two states, Florida and Texas, are investigating issues surrounding the large numbers of drownings in their states. Each of these states are taking a multi-faceted approach, including collaborative work with other state and county agencies, Child Fatality Review Teams, and Child Protective Services, resulting in a strategic plan for drowning prevention that incorporates layer of protection.

**5:00 – 8:30 pm**  
*REFLECTIONS*

**National Showcase of Programs  
 Academic Poster Session**

**5:30 – 8:30 pm**  
*REFLECTIONS*

**Networking Reception, Sponsored by D&D Technologies (included)**  
*Join fellow conference attendees and faculty for an evening of networking. This casual event will offer heavy hors d'oeuvres, complimentary drink tickets, and a cash bar. Enjoy this opportunity to meet colleagues, swap experiences, and learn new strategies. Come, enjoy the fun!*

---

## Tuesday, April 27, 2010

### SYMPOSIUM ACTIVITIES

**7:00 – 8:00 am**  
*POINTVIEW*

**3<sup>rd</sup> Annual JADES Network Family Breakfast: (included, RSVPs required)**  
*NOTE: This exclusive breakfast opportunity, hosted by the NDPA's JADES Network (Journey After a Drowning Experience Support Network) is reserved for attendees who have experienced the personal loss or significant injury of a loved one through drowning. If you are unsure if this event is right for you, please contact the registration desk.*

**7:00 - 8:00 am**  
*WATERFRONT*

**Continental Breakfast (included)  
 Visit Exhibits**

**8:00 - 8:15 am**  
*ADMIRAL*

**Welcoming Remarks**  
 Robert Ogoreuc, Symposium Co-Chair

**8:15 – 9:00 am**  
*ADMIRAL*

**Keynote Presentation by John Malatak, US Coast Guard**  
***We've Learned the Strategies—How Do We Get Results?***  
 John, Chief of Program Operations, Boating & Safety Division of the U.S. Coast Guard, is a 1992 inductee into the Lifesaving and Water Safety Hall of Fame. His career with the American Red Cross (ARC) spanned the world. His final position with the ARC was Asst. Director of Health and Safety. John serves on the boards of the National Water Safety Congress, the National Safe Boating Council, and the National Association of State Boating Law Administrators.

**9:00 – 9:45 am**  
*ADMIRAL*

**Presentation by John Cruzat, Diversity Specialist with USA Swimming**  
***Diversity in aquatics: the call to save lives through action and partnerships***  
 John Cruzat will provide a presentation on Diversity in Aquatics: An overview and discussion around how drowning—particularly in diverse communities—can be reduced and even eliminated through decisive action and national partnerships.

**9:45 – 10:00 am**

**BREAK**

**10:00 – 11:00 am**

**WORKSHOP SESSIONS D**  
**D1: Turning Knowledge into Action: Putting the NDPA's Position Paper into Practice**

*Maureen Williams, NDPA Founding President & Communications Manager for D&D Technologies*

*Mary Ann Downing, NDPA Board Member & Owner, Pool Safety Solutions*

*Johnny Johnson, NDPA Immediate Past President & Owner, Blue Buoy Swim School*

The NDPA's position paper on "Layers of Protection" has been published. Learn how to turn the recommendations into action, using the Swim for Life Foundation's "Safer 3 Program" as a model to develop or enhance your drowning prevention programs. Attendees will receive tips and tools to help get the information directly to parents and pool & spa owners.

### **D2: National Drowning Prevention Efforts Making an Impact**

*Michelle Kavanaugh, Product Distribution Specialist, National Swimming Pool Foundation; Kim O'Shea, Make-a-Splash Program Manager, USA Swimming*

Two national initiatives for drowning prevention are making an impact. A partnership between the American Red Cross and the National Swimming Pool Foundation provides online drowning prevention training to pool & spa owners. The *Make-a-Splash* program of USA Swimming, launched in 2007, has aligned the nation's top learn-to-swim resources, created a national network of local partners and embarked on a successful media campaign focused on ending the drowning epidemic. Learn how to successfully incorporate these two national initiatives into your own community-based efforts.

### **D3: Prevention and Preparedness for Open Water Emergencies**

*Capt. Peter Troedssen, US Coast Guard; Capt. Jim Tunstall, US Coast Guard; and Gerald M. Dworkin, Lifesaving Resources Inc.*

Through Capt. Troedssen, attendees will learn the US Coast Guard's strategies to prevent maritime accidents and their preparedness to respond to accidents when prevention fails. The correlation between preparedness and the probability of survival will be discussed. Each year in the US, over 1,500 incidents of vehicle submersions occur, resulting in over 600 deaths. Gerry Dworkin will explain procedures to escape from submerged vehicles, and rescue & response techniques for first responders.

**11:00 – 11:15 am**

**BREAK**

**11:15 – 12:15 pm**

### **WORKSHOP SESSIONS E**

#### **E1: Using Social Marketing to Boost Drowning Prevention**

*Tiffany Isaacson, Water Safety Coordinator, Phoenix Children's Hospital*

Learn how to increase your program marketing success using the powerful presence of social media. From Facebook and Twitter to YouTube, these internet-based marketing tools are a must to maximize exposure for your drowning prevention efforts. This session will teach attendees how to use cost-effective resources and strategies, and to develop their own social media policy.

#### **E2: Programs Worth Replicating in Your Community**

*Julian K. "Duke" Brown, Special Education Teacher and Horry County Beach Safety Director*

*Dr. Tom Griffiths, President, Aquatic Safety Research Group, LLC*

This session will take a close look at two exceptional drowning prevention programs. The **Junior Lifeguarding Program of South Carolina** is a school-based program that offers fifth-graders education in improving swimming techniques, rescues & survival skills and teaches them to safely engage in recreational aquatic activities. The **National Note & Float Program** is based on the premise that supervision, even by adults and lifeguards, can fail. In this program, all non-swimming children must be identified. This program is simple, practical, and affordable and has shown effectiveness in pilot studies.

**E3: How Lifeguard Observation Methods Can Improve Aquatic Safety**

*Robert E. Ogoreuc, Assistant Professor, and Dr. Betsy McKinley, Associate Professor, Slippery Rock University; and Michael Shane, Safety Management Director, Lifesaving Society*

This session highlights two methods that can improve the supervision effectiveness of lifeguards. The Lifesaving Society's Supervision, Evaluation & Enhancement (SEE) program offers strategic tools to allow staff to quantifiably evaluate the safety supervision skills of lifeguards & instructors. The Systematic Observation of Swimmers & Lifeguards tool is valuable in training lifeguards, directors & administrators to collect data regarding the aquatic environment, including tools to track lifeguards' effectiveness in scanning and observation; and tools to track swimmers' locations & behaviors in the water.

**12:15 – 12:30 pm**

**BREAK – Last Chance to View Exhibits**

**12:30 – 2:30 pm**

*ADMIRAL*

**Luncheon presentation by Julie Gilchrist with CDC (included)**

***A global perspective on drowning prevention***

Dr. Gilchrist, Medical Epidemiologist with the Centers for Disease Control & Prevention, will offer attendees a look at international drowning prevention efforts.

While most of our drowning prevention efforts in the United States are centered around pools, spas, and open bodies of water used for recreational activities, Dr. Gilchrist will share stories of drowning prevention issues, projects and resolutions that will truly change our perspective.

**Door Prizes & Closing Remarks**