

Wednesday – March 6th

- 8:30 AM Registration, Continental Breakfast & Visit Exhibits
- 9:00 AM Welcome: PALMS President – Tricia Mazik, Clarion Conservation District
- 9:15 AM Keynote Speaker – Dr. Justin Chaffin, Franz Theodore Stone Laboratory, The Ohio State University – *Lake Erie cyanobacterial blooms: An overview of blooms and ongoing research*
- 10:15 AM Break
- 10:30 AM Gretchen Schatschneider, PALMS Treasurer – *PALMS and the Consortium for Scientific Assistance to Watersheds (C-SAW)*
Lisa Borre, NALMS Region 3 Director – *NALMS Update*
Sara Stahlman, Pennsylvania Sea Grant – *What's new in AIS rapid response? How mock scenarios are shaping the future of rapid response in Pennsylvania*
Andrew Brainard, O'Brien & Gere (OBG) – *Patterns of Harmful Algal Blooms (HABs) in New York State – Are There Predictors Applicable to Pennsylvania Lakes?*
- 12:00 PM Lunch (Hotel Atrium)
- 1:15 PM Lisa Borre, Cary Institute – *Networked Lake Science: Challenges and Opportunities of Global Collaboration*
Sarah Whitney, Pennsylvania Sea Grant – *How to Develop a Watercraft Inspection Program to Prevent the Spread of Aquatic Invasive Species*
Kristin Strock, Dickinson College – *Extreme rain events alter physical and chemical characteristics of lakes in Pennsylvania and throughout the Northeastern United States*
- 2:45 PM Break
- 3:00 PM Val Beasley, Penn State University – *Poisonings of Pet Animals by Common Cyanobacterial Toxins: Microcystins, Nodularins, Anatoxin-A & Anatoxin-A(s)...Information for lake managers, animal owners, & their veterinarians*
Fred Lubnow, Princeton Hydro – *Implementation of a Watershed Implementation Plan to Address Both the External and Internal Phosphorus Loads for Lake Carey, Wyoming County, Pennsylvania*
Tim Wood, Aquatic Edge – *Thinking Outside the Box to Achieve Lake-owner Goals*
- 4:30 PM Hospitality Hour (Conference Lobby)
- 5:30 PM Adjourn for the day
- Evening Dinner and Sight Seeing in State College

Thursday – March 7th

- 8:30 AM Registration, Continental Breakfast & Visit Exhibits
- 9:00 AM Welcome – PALMS President, Tricia Mazik, Clarion Conservation District
- 9:10 AM Keynote Speaker – Dr. Justin Chaffin, Franz Theodore Stone Laboratory, The Ohio State University – *The development of a western Lake Erie harmful algal bloom toxicity forecast*
- 10:10 AM Break
- 10:30 AM Brian Pilarcik, Crawford County Conservation District – *Writing an Effective Grant Proposal for Lake Management*
Angelea Belfiore, Mercyhurst University – *Microcystin toxin fluctuation in relation to cyanobacteria taxa in Lake Erie's Presque Isle Bay*
Michael Campbell, Mercyhurst University – *Predictive Modeling of Harmful Algal Blooms in Presque Isle Bay, Erie, PA, Using USEPA's Aquatic Ecosystem Model AQUATOX*
- 12:00 PM Lunch and Annual PALMS General Membership Meeting (Hotel Atrium)
- 1:30 PM Justin Nawrocki, UPI – *Development of a Novel Autonomous Aquatic Pesticide Application System*
Patrick Goodwin, Aquatic Systems – *Line Vs. Point Aeration Designs: A Cost-Benefit Analysis*
- 2:30 PM Ed Crow and Jon Johnson, Penn State Extension – *Pesticide Exposure: Have I Been Exposed? How Can I Prevent It? And How Can I Protect Myself? Also, Personal Protective Equipment (PPE) – **CORE Credits***
- 3:30 PM Adjourn – See You Next Year!