

# Agenda

## Sunday, July 13

### Sunday's Agenda-at-a-Glance

- 7:30 am - 5:00 pm APMS Board of Directors Meeting (*Harborview Room*)
- 12:00 pm - 5:00 pm Exhibits Setup (*Oglethorpe Ballroom*)
- 12:00 pm - 5:00 pm Poster Setup (*Oglethorpe Ballroom*)
- 1:00 pm - 5:00 pm Registration (*Pre-function area between Oglethorpe and Madison Ballrooms*)
- 3:00 pm - 5:00 pm MAPMS Board of Directors Meeting (*Lafayette Room*)
- 7:00 pm - 9:00 pm President's Reception (*Oglethorpe Ballroom*)

## Monday, July 14

### Monday's Agenda-at-a-Glance

- 7:00 am - 8:00 am Continental Breakfast (*Oglethorpe Ballroom*)
- 7:00 am - 5:00 pm Exhibits Open (*Oglethorpe Ballroom*)
- 7:00 am - 5:00 pm Posters Open (*Oglethorpe Ballroom*)
- 7:30 am - 5:00 pm Registration (*Pre-function area between Oglethorpe and Madison Ballrooms*)
- 7:55 am - 12:00 pm Session I – Special Avian Vacuolar Myelinopathy Opening Session (*Madison Ballroom*)
- 10:00 am - 3:00 pm Guest Tour – Pre-registered Guests meet in Hotel Lobby at 9:45 am
- 10:20 am - 10:40 am Refreshment Break (*Oglethorpe Ballroom*)
- 12:00 pm - 1:30 pm Lunch on your own
- 12:00 pm - 1:30 pm APMS Student Affairs Luncheon (*Monterey Room - 2<sup>nd</sup> Floor*)
- 12:00 pm - 1:30 pm Aquatic Ecosystem Restoration Foundation Meeting (*Telefair Room - 2<sup>nd</sup> Floor*)
- 1:30 pm - 4:20 pm Session II – General Session and Student Presentations (*Madison Ballroom*)
- 2:50 pm - 3:20 pm Refreshment Break (*Oglethorpe Ballroom*)
- 4:20 pm - 5:00 pm APMS Annual Business Meeting (*Madison Ballroom*)
- 6:00 pm - 7:30 pm Poster Session and Reception (*Oglethorpe Ballroom*)
- 9:00 pm - 10:30 pm Historic Haunts Tour – Guests meet in Hotel Lobby at 8:45 pm – Limit 40

### Session I – Special Avian Vacuolar Myelinopathy Opening Session

7:55 am - 12:00 pm

*Madison Ballroom*

**Moderator: Dr. Cody Gray** - APMS President Elect, Program Committee Chair

*United Phosphorus, Incorporated, Peyton, CO*

- 7:55 am **Presidential Address**  
**Michael Netherland**  
*APMS President, Gainesville, FL*
- 8:00 am **Welcome to Savannah - Special Guest Speaker (TBD)**
- 8:20 am **Avian Vacuolar Myelinopathy: Hydrilla, Toxic Cyanobacteria, and Management Efforts to Control Disease in Southeastern Reservoirs**  
**Susan B. Wilde<sup>1</sup>**, Rebecca Haynie<sup>2</sup>, Brigitte Haram<sup>1</sup>, and Bradley A. Bartelme<sup>1</sup>  
<sup>1</sup>*University of Georgia, Warnell School of Forestry and Natural Resources, Athens, GA*  
<sup>2</sup>*SePRO Corporation, Carmel, IN*
- 8:40 am **Investigating *Hydrilla verticillata* and Avian Vacuolar Myelinopathy Disease on a Southeastern Reservoir (Student Presentation)**  
**Brigitte Haram** and Susan B. Wilde  
*University of Georgia, Warnell School of Forestry and Natural Resources, Athens, GA*

9:00 am **Impacts of Avian Vacuolar Myelinopathy on Bald Eagles in Georgia**  
**Jim C. Ozier**  
*Georgia Department of Natural Resources, Wildlife Resources Division, Forsyth, GA*

9:20 am **Investigating Stakeholder Perception of Aquatic Plant Management on a Large Southeastern Reservoir (Student Presentation)**  
**Kevin L. Fouts** and Susan B. Wilde  
*University of Georgia, Warnell School of Forestry and Natural Resources, Athens, GA*

#### **General Session and Student Presentations**

9:40 am **Maintenance Control of *Hydrilla verticillata* in Florida's State Managed Waters with Aquathol**  
**Jeremy G. Slade**<sup>1</sup> and Michael D. Netherland<sup>2</sup>  
<sup>1</sup>*United Phosphorus, Incorporated, Gainesville, FL*  
<sup>2</sup>*U.S. Army Corps of Engineers, Engineer Research and Development Center, Gainesville, FL*

10:00 am **Effect of Substrate Carbon on Topramezone Phytotoxicity to St. Augustinegrass (Student Presentation)**  
**Carl J. Della Torre III**<sup>1</sup>, William T. Haller<sup>2</sup>, and Lyn A. Gettys<sup>1</sup>  
<sup>1</sup>*University of Florida, Institute of Food and Agricultural Sciences, Ft. Lauderdale Research and Education Center, Davie, FL*  
<sup>2</sup>*University of Florida, Institute of Food and Agricultural Sciences, Center for Aquatic and Invasive Plants, Gainesville, FL*

10:20 am **Refreshment Break (Oglethorpe Ballroom)**

10:40 am **The Turion Ecology of *Stratiotes aloides* (Student Presentation)**  
**Nicholas A. Weissflog**<sup>1</sup> and Eric Sager<sup>2</sup>  
<sup>1</sup>*Trent University, Ecological Restoration, Peterborough, Ontario, Canada*  
<sup>2</sup>*Fleming College, Ecological Restoration, Lindsay, Ontario, Canada*

11:00 am **New Aquatic Invasive Species Management: The Effect of Treatment Type and Application Timing on *Stratiotes aloides* in Ontario (Student Presentation)**  
**Robert A. Canning**<sup>1</sup> and Eric Sager<sup>2</sup>  
<sup>1</sup>*Trent University, Environmental and Life Sciences, Peterborough, Ontario, Canada*  
<sup>2</sup>*Fleming College, Ecological Restoration, Lindsay, Ontario, Canada*

11:20 am **Aquatic Invasive Plant Management: Using Modeling to Predict Future Invasions and Prioritize Existing Infestations (Student Presentation)**  
**Elizabeth A. Edgerton**<sup>1</sup>, Michael P. Masser<sup>1</sup>, William Grant<sup>1</sup>, Allen Knutson<sup>2</sup>, and Lucas Gregory<sup>3</sup>  
<sup>1</sup>*Texas A&M University, Department of Wildlife and Fisheries Sciences, College Station, TX*  
<sup>2</sup>*Texas A&M University, Department of Entomology, College Station, TX*  
<sup>3</sup>*Texas Water Resources Institute, College Station, TX*

11:40 am **Field Research of Early-Season Whole Lake Herbicide Strategies for Control of Hybrid Eurasian Water Milfoil**  
**Eddie J. Heath**<sup>1</sup>, Tim Hoyman<sup>1</sup>, Michelle Nault<sup>2</sup>, and John Skogerboe<sup>3</sup>  
<sup>1</sup>*Onterra, LLC, De Pere, WI*  
<sup>2</sup>*Wisconsin Department of Natural Resources, Madison, WI*  
<sup>3</sup>*U.S. Army Corps of Engineers, Engineer Research and Development Center, Madison, WI*

12:00 pm **Lunch on your own**

## Session II – General Session and Student Presentations

1:30 pm - 4:20 pm

Madison Ballroom

**Moderator: Dr. Vernon Vandiver, Jr.** - APMS Board of Directors

*Professor Emeritus, University of Florida, Gainesville, FL*

- 1:30 pm     **Hydrilla Biological Control: Optimizing the Hydrilla Midge Tip Miner (Student Presentation)**  
**Julie A. Baniszewski**, Emma N. Weeks, and James P. Cuda  
*University of Florida, Department of Entomology, Gainesville, FL*
- 1:50 pm     **Linking Plant Biology and Management Information to Improve Control of Hydrilla**  
**Michael D. Netherland**<sup>1</sup> and Dean Jones<sup>2</sup>  
<sup>1</sup> *APMS President, Gainesville, FL*  
<sup>2</sup> *University of Florida, Lake Alfred, FL*
- 2:10 pm     **Attempted Revegetation in Two Piedmont Reservoirs: Establishment Success and Response of Fish and Macroinvertebrates (Student Presentation)**  
**Justin J. Nawrocki**  
*North Carolina State University, Department of Crop Science, Raleigh, NC*
- 2:30 pm     **Alien Invasive Aquatic Weeds in Botswana - Historical Perspective and their Successful Control**  
**Chandrasekara N. Kurugundla**  
*Water Affairs, Maun, Botswana*
- 2:50 pm     **Refreshment Break (Oglethorpe Ballroom)**
- 3:20 pm     **Potential for Herbicide Resistance Evolution in Hybrid Watermilfoil (Student Presentation)**  
**Lindsey-Ann L. Schulte** and Ryan A. Thum  
*Grand Valley State University, Robert B. Annis Water Resources Institute, Muskegon, MI*
- 3:40 pm     **Managing Eurasian Watermilfoil in the Lower Clark Fork River System, Montana**  
**John D. Madsen**<sup>1</sup>, Kurt D. Getsinger<sup>2</sup>, Gray Turnage<sup>3</sup>  
<sup>1</sup> *U. S. Department of Agriculture, Agricultural Research Service, Exotic and Invasive Weed Research Unit, Davis, CA*  
<sup>2</sup> *U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS*  
<sup>3</sup> *Mississippi State University, Geosystems Research Institute, Mississippi State, MS*
- 4:00 pm     **Benefits of Incorporating Genetic Identification of Watermilfoils into Aquatic Vegetation Mapping (Student Presentation)**  
**Syndell Parks**<sup>1</sup> and Ryan A. Thum<sup>2</sup>  
<sup>1</sup> *Grand Valley State University, Department of Biology, Muskegon, MI*  
<sup>2</sup> *Grand Valley State University, Robert B. Annis Water Resources Institute, Muskegon, MI*
- 4:20 pm     **APMS Annual Business Meeting (Madison Ballroom)**
- 6:00 pm     **Poster Session and Reception (Oglethorpe Ballroom)**
- 9:00 pm     **Historic Haunts Tour - Meet in Hotel Lobby at 8:45 pm - Limit 40**

## Poster Session

6:00 pm - 7:30 pm

Oglethorpe Ballroom

### **Assessment of Six Indicators for Algal Cell Viability (Student Presentation)**

**Alyssa J. Calomeni** and John H. Rodgers

*Clemson University, Department Wildlife and Fisheries Biology, Clemson, SC*

### **Three Year Summary of Flumioxazin Applications to Delavan Lake, WI**

**Jason Fausey**

*Nufarm Americas, Fremont, OH*

### **Sago Pondweed (*Stuckenia pectinatus*) and Horned Pondweed (*Zannichellia palustris*) Control with Endothall Formulations in Greenhouse Flowing Water Mesocosms (Student Presentation)**

**Kallie C. Kessler** and Scott J. Nissen

*Colorado State University, Department of Bioagricultural Sciences and Pest Management, Fort Collins, CO*

### **Alligator Weed [*Alternanthera philoxeroides* (Mart.) Griseb.] is Spreading in Kashmir Himalayas (Student Presentation)**

**Ather Masoodi** and Fareed A. Khan

*Department of Botany, Aligarh Muslim University, Aligarh, India*

### **Ecological Effects of Water-Willow (*Justicia americana*) on Aquatic Invertebrate Species (Student Presentation)**

**Christopher M. Mynatt**<sup>1</sup> and Mark A. Webb<sup>2</sup>

<sup>1</sup>*Texas A&M University, Department of Wildlife and Fisheries Sciences, College Station, TX*

<sup>2</sup>*Texas Parks and Wildlife Department, Inland Fisheries Division, Snook, TX*

### **Control of *Phragmites communis* using Reduced Rate Glyphosate Applications and TopFilm Adjuvant**

**Jonathan R. Newman** and Manuel A. Duenas-Lopez

*Centre for Ecology and Hydrology, Wallingford, England*

### **Evaluation of Water Willow (*Justicia americana*) Use by Reservoir Fishes (Student Presentation)**

**Ryan C. O'Hanlon**<sup>1</sup>, Christopher M. Mynatt<sup>1</sup>, and Mark A. Webb<sup>2</sup>

<sup>1</sup>*Texas A&M University, Department of Wildlife and Fisheries Sciences, College Station, TX*

<sup>2</sup>*Texas Parks and Wildlife Department, Inland Fisheries Division, Snook, TX*

### **Toxicity of Copper Sulfate and Copper-ethanolamine to *Microcystis aeruginosa* and *Pseudokirchneriella subcapitata* at Different Initial Cell Densities**

Kuo-Pei Tsai, Kyla J. Iwinski, and **John H. Rodgers**

*Clemson University, Department of Wildlife and Fisheries Biology, Clemson, SC*

### **An Assessment of Aquatic Invasive Plants in the Illinois River: Water Hyacinth Surveillance, Mapping, Persistence, and Potential Seed Dispersal (Student Presentation)**

**Jay A. VonBank**, Andrew F. Casper, Heath M. Hagy, and Aaron P. Yetter

*Illinois Natural History Survey, Illinois River Biological Station and Forbes Biological Station Prairie Research Institute, University of Illinois, Havana, IL*

### **Factors Influencing Sprouting of Crested Floating Heart Ramets**

**Leif N. Willey**<sup>1</sup> and Michael D. Netherland<sup>2</sup>

<sup>1</sup>*Aquatic Systems, Incorporated, Lauderdale, FL*

<sup>2</sup>*U.S. Army Corps of Engineers, Engineer Research and Development Center, Gainesville, FL*

### **Establishment of Native Aquatic Vegetation in Conjunction with an Integrated Pest Management Program (Student Presentation)**

**Haley N. Woelfel**<sup>1</sup>, Michael P. Masser<sup>1</sup>, and Mark A. Webb<sup>2</sup>

<sup>1</sup>*Texas A&M University, Department of Wildlife and Fisheries Sciences, College Station, TX*

<sup>2</sup>*Texas Parks and Wildlife Department, Inland Fisheries Division, Snook, TX*

## Tuesday, July 15

### Tuesday's Agenda-at-a-Glance

7:00 am	-	8:00 am	Continental Breakfast ( <i>Oglethorpe Ballroom</i> )
7:00 am	-	5:00 pm	Exhibits Open ( <i>Oglethorpe Ballroom</i> )
7:00 am	-	5:00 pm	Posters Open ( <i>Oglethorpe Ballroom</i> )
7:30 am	-	5:00 pm	Registration ( <i>Pre-function area between Oglethorpe and Madison Ballrooms</i> )
8:00 am	-	12:10 pm	Session III – General Session and Student Presentations ( <i>Madison Ballroom</i> )
10:00 am	-	10:30 am	Refreshment Break ( <i>Oglethorpe Ballroom</i> )
12:10 pm	-	1:40 pm	Lunch on your own
12:10 pm	-	1:40 pm	APMS Past Presidents' Luncheon ( <i>Monterey Room - 2<sup>nd</sup> Floor</i> )
12:10 pm	-	1:40 pm	APMS Regional Chapters Presidents' Luncheon ( <i>Telefair Room - 2<sup>nd</sup> Floor</i> )
1:40 pm	-	4:50 pm	Session IV – MidSouth APMS Special Session ( <i>Madison Ballroom</i> )
3:00 pm	-	3:30 pm	Refreshment Break ( <i>Oglethorpe Ballroom</i> )
5:00 pm	-	6:00 pm	MSAPMS Board of Directors Meeting ( <i>Lafayette Room</i> )
6:00 pm	-	7:00 pm	Awards Reception ( <i>Savannah River Queen</i> )
7:00 pm	-	10:00 pm	Awards Banquet ( <i>Savannah River Queen</i> )

### Session III – General Session and Student Presentations

8:00 am - 12:10 pm

*Madison Ballroom*

**Moderator: Dr. Joe Vassios** - APMS Board of Directors

*United Phosphorus, Incorporated, Rocklin, CA*

- 8:00 am     **Effects of Salinity on Submerged Aquatic Vegetation's Growth and Abundance in North Carolina and Assessment of a SONAR's Accuracy to Measure Vegetation (*Student Presentation*)**  
**Audrey Pleva** and Joseph Luczkovich  
*East Carolina University, Greenville, NC*
- 8:20 am     **Ready to Start Mapping Lakes and Reservoirs? An Introduction to the Capabilities and Requirements of Various Sonar Systems**  
**Bob Bahn** and Susan B. Wilde  
*University of Georgia, Warnell School of Forestry and Natural Resources, Athens, GA*
- 8:40 am     **The use of Optical Properties for Distinguishing between Invasive Aquatic Species with Applications towards Remote Sensing (*Student Presentation*)**  
**Caroline Wylie**<sup>1</sup>, Celine Gueguen<sup>1</sup>, and Eric Sager<sup>2</sup>  
<sup>1</sup>*Trent University, Environmental and Life Sciences, Peterborough, Ontario, Canada*  
<sup>2</sup>*Fleming College, Ecological Restoration, Lindsay, Ontario, Canada*
- 9:00 am     **Bioaccumulation of Total and Methyl Mercury in Water Hyacinth (*Eichhornia crassipes*) from a South Carolina Coastal Plain River**  
**Jane L. Guentzel** and Julie W. Murphy  
*Coastal Carolina University, Department of Marine Science, Conway, SC*
- 9:20 am     **Efficacy Studies for the Control of Parrot Feather, Alligator Weed, Creeping Water Primrose and Monoecious Hydrilla Utilizing Topramezone (*Student Presentation*)**  
**Erika J. Haug** and Rob J. Richardson  
*North Carolina State University, Department of Crop Science, Raleigh, NC*

- 9:40 am **Providing Context for Invasive Aquatic Weed Control in Diverse Ecosystems: Sensitivity of Freshwater Molluscs to Hydrilla-Targeting Herbicides**  
**W. Gregory Cope**<sup>1</sup>, Jennifer M. Archambault<sup>1</sup>, Christine M. Bergeron<sup>1</sup>, Rob Richardson<sup>2</sup>, Mark A. Heilman<sup>3</sup>, J. Edward Corey<sup>4</sup>, Michael D. Netherland<sup>5</sup>, and Ryan J. Heise<sup>6</sup>  
<sup>1</sup>North Carolina State University, Department of Applied Ecology, Raleigh, NC  
<sup>2</sup>North Carolina State University, Department of Crop Science, Raleigh, NC  
<sup>3</sup>SePRO Corporation, Carmel, IN  
<sup>4</sup>North Carolina Division of Parks and Recreation, Raleigh, NC  
<sup>5</sup>U.S. Army Corps of Engineers, Engineer Research and Development Center, Gainesville, FL  
<sup>6</sup>North Carolina Wildlife Resources Commission, Raleigh, NC
- 10:00 am **Refreshment Break** (*Oglethorpe Ballroom*)
- 10:30 am **Blowing Bubbles: Long Range Control of Algae Using Ultrasound**  
**Jonathan R. Newman**  
*Centre for Ecology and Hydrology, Wallingford, England*
- 10:50 am **Predictive Management of Mat-forming Algae**  
**West M. Bishop** and Ben E. Willis  
*SePRO Corporation, Whitakers, NC*
- 11:10 am **Post-treatment Fate of Copper Applied as Algaecides and Herbicides**  
**John H. Rodgers**, Alyssa J. Calomeni, and Kyla J. Iwinski  
*Clemson University, Department of Wildlife and Fisheries Biology, Clemson, SC*
- 11:30 am **Responses of *Microcystis aeruginosa* and *Pseudokirchneriella subcapitata* when Exposed to an Anionic Polyacrylamide Blend (Student Presentation)**  
**Kyla J. Iwinski**  
*Clemson University, Department of Wildlife and Fisheries Biology, Clemson, SC*
- 11:50 am **Research Updates for Concentration Exposure Timings Using Endothall: Elodea, Chara, and Filamentous Algae**  
**Cody J. Gray**<sup>1</sup>, Joseph Vassios<sup>2</sup>, and Gerald Adrian<sup>3</sup>  
<sup>1</sup>United Phosphorus, Incorporated, Peyton, CO  
<sup>2</sup>United Phosphorus, Incorporated, Rocklin, CA  
<sup>3</sup>United Phosphorus, Incorporated, King of Prussia, PA
- 12:10 pm **Lunch on your own**

#### **Session IV – MidSouth Aquatic Plant Management Special Session**

1:40 pm - 4:50 pm

*Madison Ballroom*

**Moderator: Josh Yerby** - MidSouth APMS President-Elect  
*Alabama Power Company, Environmental Affairs, Guntersville, AL*

- 1:40 pm **Evaluation of Algaecide Applications for Treatment of *Lyngbya wollei* in Lay Lake (Student Presentation)**  
**Alyssa J. Calomeni** and John H. Rodgers  
*Clemson University, department of Wildlife and Fisheries Biology, Clemson, SC*
- 2:00 pm **Enhancement of Targeted Algal Management**  
**John H. Rodgers**, Alyssa J. Calomeni, and Kyla J. Iwinski  
*Clemson University, Department of Wildlife and Fisheries Biology, Clemson, SC*

- 2:20 pm **Evaluation of New Herbicide Combinations for Managing Giant Salvinia in Louisiana**  
**Christopher R. Mudge**<sup>1</sup>, Alexander J. Perret<sup>2</sup>, and Jonathan R. Winslow<sup>2</sup>  
<sup>1</sup>*U.S. Army Corps of Engineers, Engineer Research and Development Center, Baton Rouge, LA*  
<sup>2</sup>*Louisiana Department of Wildlife and Fisheries, Inland Fisheries, Baton Rouge, LA*
- 2:40 pm **Managing Floating and Emergent Plants with Stingray® (Carfentrazone-ethyl)**  
**Ben E. Willis**<sup>1</sup>, Todd C. Horton<sup>2</sup>, Mark Heilman<sup>3</sup>, and West M. Bishop<sup>1</sup>  
<sup>1</sup>*SePRO Corporation, Whitakers, NC*  
<sup>2</sup>*SePRO Corporation, Anderson, SC*  
<sup>3</sup>*SePRO Corporation, Carmel, IN*
- 3:00 pm **Refreshment Break** (*Oglethorpe Ballroom*)
- 3:30 pm **Phenology of *Potamogeton crispus* in the southeastern U.S.**  
**Gray Turnage**<sup>1</sup>, John D. Madsen<sup>2</sup>, and Ryan M. Wersal<sup>3</sup>  
<sup>1</sup>*Mississippi State University, Geosystems Research Institute, Mississippi State, MS*  
<sup>2</sup>*U.S. Department of Agriculture, Agricultural Research Service, Exotic and Invasive Weed Research Unit, Davis, CA*  
<sup>3</sup>*Applied Biochemists (A Lonza Business), Alpharetta, GA*
- 3:50 pm **Managing Hydrilla in Drinking Water Reservoirs**  
**Ken S. Presley**  
*Henry County Water Authority, Locust Grove, GA*
- 4:10 pm **Rapid Response to Monoecious Hydrilla in Lake Waccamaw**  
**Steve T. Hoyle**  
*North Carolina State University, Raleigh, NC*
- 4:30 pm **Adjourn**
- 4:45 pm **MSAPMS Board of Directors Meeting** (*Lafayette Room*)
- 6:00 pm **APMS Awards Reception** (*Savannah River Queen*)
- 7:00 pm **APMS Awards Banquet** (*Savannah River Queen*)

## Wednesday, July 16

### Wednesday's Agenda-at-a-Glance

7:00 am	-	8:00 am	Continental Breakfast ( <i>Oglethorpe Ballroom</i> )
7:00 am	-	10:30 am	Exhibits Open ( <i>Oglethorpe Ballroom</i> )
7:00 am	-	10:30 am	Posters Open ( <i>Oglethorpe Ballroom</i> )
7:30 am	-	12:00 pm	Registration ( <i>Pre-function area between Oglethorpe and Madison Ballrooms</i> )
8:00 am	-	12:00 pm	Session V – Public Outreach Special Session and General Presentations ( <i>Madison Ballroom</i> )
10:00 am	-	10:30 am	Refreshment Break ( <i>Oglethorpe Ballroom</i> )
10:30 am	-	12:00 pm	Poster and Exhibit Breakdown ( <i>Oglethorpe Ballroom</i> )
12:30 pm	-	5:00 pm	APMS Board of Directors Meeting ( <i>Harborview Room</i> )

### Session V – Public Outreach Special Session and General Presentations

8:00 am - 12:00 pm

*Madison Ballroom*

**Moderator: Dr. Rob Richardson** - APMS Vice President

*North Carolina State University, Raleigh, NC*

- 8:00 am      **Connecting Management Professionals, Researchers and the Public Sector to Aquatic Plant Management Information**  
**Karen Brown**  
*University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL*
- 8:20 am      **Invasive Plant Education: Invading a Classroom near You!**  
**Katie Walters**  
*University of Florida, Center for Aquatic and Invasive Plants, Gainesville, FL*
- 8:40 am      **Benefits of Controlling Nuisance Aquatic Plants and Algae in the United States**  
**Kurt D. Getsinger<sup>1</sup>**, Eric Dibble<sup>2</sup>, John H. Rodgers<sup>3</sup>, and David Spencer<sup>4</sup>  
<sup>1</sup>*U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS*  
<sup>2</sup>*Mississippi State University, Department of Wildlife, Fisheries and Aquaculture, Mississippi State, MS*  
<sup>3</sup>*Clemson University, Department of Wildlife and Fisheries Biology, Clemson, SC*  
<sup>4</sup>*U.S. Department of Agriculture, Agricultural Research Service, Exotic and Invasive Weed Research Unit, Davis, CA*
- 9:00 am      **APMS Herbicide Resistance Management PowerPoint Lessons**  
**Jeffrey D. Schardt**  
*Florida Fish and Wildlife Conservation Commission, Tallahassee, FL*
- 9:20 am      **Evaluating Efficacy of Aquatic Herbicides on Rotala (*Rotala rotundifolia*)**  
**Lyn A. Gettys<sup>1</sup>**, Carl J. Della Torre III<sup>1</sup>, and William T. Haller<sup>2</sup>  
<sup>1</sup>*University of Florida, Institute of Food and Agricultural Sciences, Ft. Lauderdale Research and Education Center, Davie, FL*  
<sup>2</sup>*University of Florida, Institute of Food and Agricultural Sciences, Center for Aquatic and Invasive Plants, Gainesville, FL*
- 9:40 am      **Evaluation of Auxin Herbicide Applications Following Pretreatment with Select Algaecides for Control of Eurasian Watermilfoil in Long Lake, Iosco County, MI**  
**Ryan M. Wersal<sup>1</sup>**, Rich DeJonghe<sup>2</sup>, Jeff Knox<sup>3</sup>, and Bill Ratajczyk<sup>2</sup>  
<sup>1</sup>*Applied Biochemists (A Lonza Business), Alpharetta, GA*  
<sup>2</sup>*Applied Biochemists (A Lonza Business), Germantown, WI*  
<sup>3</sup>*Aquatic Services, Incorporated, Goodrich, MI*
- 10:00 am      **Refreshment Break** (*Oglethorpe Ballroom*)



- 10:30 am **Aquatic Weed and Algae Control in Irrigation Canals Using Endothall**  
**Joseph Vassios<sup>1</sup>**, Cody J. Gray<sup>2</sup>, and Gerald Adrian<sup>3</sup>  
<sup>1</sup>*United Phosphorus, Incorporated, Rocklin, CA*  
<sup>2</sup>*United Phosphorus, Incorporated, Peyton, CO*  
<sup>3</sup>*United Phosphorus, Incorporated, King of Prussia, PA*
- 10:50 am **Sonar® Aquatic Herbicide: Technical Overview of Past and Present Research, Operational Use Pattern Development and Future Outlook**  
**Mark Heilman**  
*SePRO Corporation, Carmel, IN*
- 11:10 am **APMS Regional Chapters: An Update on Key Initiatives within Each Region**  
**Rob Richardson, Moderator**  
*North Carolina State University, Raleigh, NC*
- Western  
Texas  
South Carolina  
Northeast  
Midwest  
MidSouth  
Florida
- 11:45 am **Highlights from the 54<sup>th</sup> Annual Meeting**  
**Cody Gray**  
*United Phosphorous, Incorporated, Peyton, CO*
- 12:00 pm **Adjourn 54<sup>th</sup> Annual Meeting**
- 12:30 pm **APMS Board of Directors Meeting** (*Harborview Room*)

## **NEXT YEAR**

**55<sup>th</sup> Annual Meeting**  
**Hilton Myrtle Beach Oceanfront Resort**  
**Myrtle Beach, South Carolina**  
**July 12-15, 2015**