

# **Preliminary Agenda for 25th Annual Meeting of the Alabama Fisheries Association Auburn Hotel and Dixon Conference Center**

## **Monday, February 23, 2009**

10 am - 1 pm Registration

1:00 Welcome and Opening Remarks by Dave Cline, AFA President, and Ken Weathers,  
AFA Program Chair and President-elect

### **Session 1 : History and Heritage of the Alabama Fisheries Association and Fisheries Science in Alabama**

**Moderator : Ken Weathers, AL WFF**

- 1:10 **In the Beginning....The initiation of the Alabama Fisheries Association. Keynote Address.**  
Barry Smith, American Sportfish and First AFA President
- 1:40 **Fisheries research at Auburn University. E.W. Shell, retired Auburn University**
- 2:00 **The Fisheries Section; before and during its first 20 years.**  
Rudy Schimttou, retired Auburn University
- 2:20 **The Fisheries Section; the last 40 years, expanding our mission.**  
Joe Addison, AL Wildlife and Freshwater Fisheries
- 2:40 **Ichthyology at The University of Alabama, 1947 to present.**  
Herbert Boschung, retired University of Alabama
- 3:00 **Early development of the Black Warrior-Tombigbee Waterway.**  
Scott Mettee, AL Geological Survey
- 3:20 **Break**

### **Session 2 : Watershed/Riverine**

**Moderator :Steve Rider**

- 3:35 **Gulf Sturgeon Investigations.** Frank Parauka, USFWS.
- 3:55 **Genetic structure of the federally threatened Slackwater Darter, *Etheostoma boschungii*.**  
Brook L. Fluker, Bernard R. Kuhajda, and Phillip M. Harris, Department of Biological Sciences, UA
- 4:15 **Current Status of Freshwater Mussels in the North River System, Fayette and Tuscaloosa Counties, Alabama.**  
Stuart W. McGregor, E. Anne Wynn, and Patrick E. O'Neil, Biological Systems Section, Geological Survey of Alabama.
- 4:35 **Survey for the Holiday Darter.**  
Josh Turner and Mark Meade, Jacksonville State University.
- 4:55 **Recognition of honored guest by President-Elect**
- 6:00 - 7:00 **Poster Session in the AU Alumni Center**
- 6:00 **AFA Social in the AU Alumni Center**

## Tuesday, February 24, 2009

7:30 - 8:00 Continental Breakfast

### Session 3 : Aquaculture

Moderator : Claude Reeves, AL Extension Service

- 8:00 **Review and Outlook for the Alabama Catfish Industry.**  
Terry R. Hanson, Department of Fisheries & Allied Aquacultures, Auburn University
- 8:20 **Nutrition Research on Florida Pompano.**  
D. Allen Davis, Ph.D. and Herbert Quintero, Department of Fisheries & Allied Aquacultures, Auburn University
- 8:40 **2008 Production Results for Two Species of Bait Shrimp.**  
D. Allen Davis, Ph.D. and Jessica Jacquay, Department of Fisheries & Allied Aquacultures, Auburn University
- 9:00 **A Demonstration of Tilapia and Tomato Culture Utilizing an Energy Efficient Integrated System Approach.**  
Jesse Chappell, Ph.D., T.W. Brown and T. Purcell  
Department of Fisheries & Allied Aquacultures, Auburn University

### Session 4 : Water Quality/Aquatic Plants

Moderator : Alan Wilson, Auburn University

- 9:20 **Small Impoundment Complexes as a Possible Method to Increase Water Supply in Alabama.**  
Claude E. Boyd<sup>1</sup>, Suthira Soongsawang<sup>1\*</sup>, E. W. Shell<sup>1</sup> and Sam Fowler<sup>2</sup>
- 9:40 **Bioassessments of Five Mile and Newfound Creeks: Evaluation of Stream Health Using Fish Communities.**  
Robert Angus\*, Ken Marion, Scott Hofer, Bryan Arwood, Francesca Gross, and Louis Viamonte  
University of Alabama at Birmingham, Department of Biology
- 10:00 **Break**
- 10:20 **Comprehensive Water Quality Assessment and Database Development.**  
Teferi Tsegaye\*, Wubishet Tadesse, Rufina Ward, Mezemir Wagaw, Leonard Williams, Karnita Garner, Paul Okweye, Allison Bohlman, Lorra Hill, and Dirk Spencer, Department of Plant and Soil Science  
Alabama A&M University
- 10:40 **Remote Sensing of Chlorophyll Concentration in Coastal and Inland Waters.**  
Luoheng Han, Department of Geography, University of Alabama
- 11:00 **Water Quality and Harmful Algal Blooms in Coastal Alabama Waters.**  
Hugh L. MacIntyre<sup>1\*</sup>, Justin D. Liefer<sup>1</sup>, Lucie Novoveska<sup>1</sup>, William L. Smith<sup>2</sup> and Carol P. Dorsey<sup>2</sup>  
<sup>1</sup>Dauphin Island Sea Lab, <sup>2</sup>Alabama Department of Public Health

## **Session 5: Contributing Papers**

**Moderator : Ken Weathers**

- 11:20 **Nitrogen Stable Isotopes in Bivalve Shell Trace Wastewater Inputs from Watersheds to Estuaries.**  
Ruth H. Carmichael<sup>1</sup>, Theresa Hattenrath<sup>2</sup>, Ivan Valiela<sup>3</sup>, and Robert Michener<sup>4</sup>  
<sup>1</sup>Dauphin Island Sea Lab and University of South Alabama, <sup>2</sup>Stony Brook University,  
<sup>3</sup>Ecosystems Center, Marine Biological Laboratory.
- 11:40 **Plight of the Pygmies: Coastal Plain Vicariance and Comparative Phylogeography of Elasmomatidae.**  
Michael Sandel\* and Phillip M. Harris, Department of Biological Sciences, University of Alabama, Tuscaloosa
- 12 noon Lunch (on your own)

## **Session 6 : Aquatic Biodiversity**

**Moderator : Phil Harris, University of AL**

- 1:10 **The role of aquatic biological information in managing water resources.**  
Pat O'Neal, Geological Survey of Alabama.
- 1:30 **The Dirty Dozen - The 12 Most Imperiled Southeastern Freshwater Fishes.**  
Bernie Kuhajda, University of Alabama
- 1:50 **Development and Implementation of Freshwater Mollusk Recovery Efforts in Alabama.**  
Paul D. Johnson\*, Michael L. Buntin and Todd Fobian, Alabama Department of Conservation and Natural Resources, Alabama Aquatic Biodiversity Center
- 2:10 **Crayfish survey of Alabama: Year 1 progress report.**  
J. Brett Smith\*, Stuart W. McGregor, E. Anne Wynn, Patrick E. O'Neil, and Cal C. Johnson, Alabama Geological Survey
- 2:30 **TBA**

## **Session 7 : Reservoirs/Small Impoundments**

**Moderator : Damon Abernethy, AL WFF**

- 2:50 **Status of the 14-inch Minimum Length Limit, Shad, and Hydrilla at Lake Eufaula.**  
Michael P. Holley, Alabama Division of Wildlife and Freshwater Fisheries
- 3:10 Break
- 3:30 **New initiatives in sportfish management in small impoundments.**  
Mike Maceina\*, Steve Sammons, Ron Phelps, Ryan Hunter, and Matt Marshall, Department of Fisheries
- 3:50 **Understanding the Slow-Growth, High-Condition Paradox of Largemouth Bass in the Mobile-Tensaw River Delta, AL: Integrating Bioenergetics Modeling and Life-History Theory.**  
David C. Glover\*, Dennis R. DeVries, and Russell A. Wright, Auburn University Department of Fisheries

- 4:10 **Privately-owned Small Impoundments of Central Alabama:  
A Survey and Evaluation of Management Techniques and Enhancements.**  
Norman V. Haley\*, III, Russell A. Wright, and Dennis R. DeVries. Auburn University Department of Fisheries
- 4:30 **Washington Co. Lake: A Unique Stocking Strategy.**  
Ben Ricks\* and Dave Armstrong, Alabama Wildlife and Freshwater Fisheries, Fisheries
- 6:00 **Banquet at Ham Wilson Livestock Arena, catered by AU Fisheries Dept.**  
Entertainment provided by: Oak Bowery Bluegrass Pickers Band

## Wednesday, February 25, 2009

7:30 - 8:00 Continental Breakfast

### Session 8 : Marine/Mariculture

Moderator : Ruth Carmichael, Dauphin Island Sea Lab

- 8:00 **Assessing Shellfish Habitat in Alabama Using a Low-Cost Field Method.**  
Bill Walton, Auburn University Marine Extension and Research Center
- 8:20 **The Role of *Perkinsus Marinus* Infection in Oyster Reef Restoration.**  
Yolanda J. Brady\*<sup>1</sup>, F. Scott Rikard <sup>2</sup>, Richard K. Wallace<sup>3</sup>, and Dennis J. Donegan<sup>1</sup>  
<sup>1</sup>Department of Fisheries and Allied Aquacultures, <sup>2</sup>Auburn University Shellfish Laboratory  
<sup>3</sup>Auburn University Marine Extension and Research Center
- 8:40 **A Proposal to Test Effects of Reef Structure on Population Density and Growth Rates of Vermilion Snapper.**  
Jaime Miller and Robert Shipp, Department of Marine Sciences, University of South Alabama
- 9:00 **The Use of Ultrasonic Telemetry to Estimate Movement Patterns, Residency and Mortality of Red Snapper, *Lutjanus Campechanus*.**  
Topping, D.T., and S.T. Szedlmayer, Marine Fish Laboratory, Department of Fisheries and Allied Aquacultures, Auburn University
- 9:20 Break

### Session 9 : Aquatic Education

Moderator : Doug Darr, AL WFF

- 9:40 **Water Safety Education: It's not just for everybody else.**  
Sgt. Ronny Harris, AL Marine Police
- 10:00 **Creek Kids.**  
Maurice Jackson, AL Wildlife and Freshwater Fisheries
- 10:20 **Our Fishing Constituents and What Is Being Done to Keep Them Fishing.**  
Doug Darr, AL Wildlife and Freshwater Fisheries
- 10:40 **Benefits of membership in the American Fisheries Society.**  
Don Jackson, Mississippi State University
- 11:00 **AFA Business Meeting**

11:45 **Meeting Adjourned**

