President’s Message from Jeff Quinn

Greetings, I hope everyone is having a great fall. I’ve been noticing that change has been happening around me at an increasing rate. There have been a lot of personnel and organizational changes in several agencies recently, especially where I work at the Arkansas Game and Fish Commission. However, one great constant in my professional life is that AFS has been there as a source of renewal. I always leave an AFS meeting with a dozen new things I want to do or people I’d like to meet. Our Chapter meeting is a great place to get new ideas, reconnect with friends and co-workers, and to tell folks what you’ve been up to.

The EXCOM has held two productive meetings since the February business meeting. Ginny Adams, Jason Throneberry, and Tate Wentz have worked hard at setting up the Wild Apricot registration and accounting system. We owe them a big-time thank you because this year we will have our first online registration ever! We used the Wild Apricot software to administer the Chapter opinion survey and it worked great, so it is already proving to be a useful tool.

Matt Schroeder and I have been busy surveying the Chapter’s opinions on reimbursement for AFS Certification and training options. This was done as a follow-up survey to the Profit Committee’s recommendation, a committee chaired by Dr. Eggleton. The Chapter has indicated an overwhelming desire for training on aquatic plant identification. Unfortunately, this training workshop cannot be done during February when plants are dormant, but we hope to host the training independently from the annual business meeting later in the spring. The Chapter did not seem to support paying for all of a members certification fees, but was open to subsidizing this expense.

President-Elect Tate Wentz has set up a great annual meeting for the Chapter. The 2016 meeting of the Arkansas Chapter will be held at the Fairfield Bay Conference Center on February 10-12th. Fairfield Bay is a resort community on Greers Ferry Lake. I toured the recently remodeled facility last year, and I am confident that the conference center will provide a great space for our meeting. Tate is planning on having a general plenary meeting theme of reservoirs. We are likely to have a much larger than normal poster session this year, as more Chapter members will likely need to be coauthors to a presentation to attend the meeting. The EXCOM expects to formally request the Chapter to vote on hosting the 2020 SDAFS meeting at the upcoming business meeting.

Finally, I’d like to end by thanking everyone for making the Chapter such a great organization. I hope everyone has a happy Thanksgiving and a Merry Christmas. I’ll see you in Fairfield Bay!
The Lateral Line

Past-President’s Message from Ben Batten

This year I’m excited to attend another great program and meeting at our Chapter’s 30th annual meeting at Fairfield Bay. Tate Wentz and the rest of the EXCOM have put together a few packed days of networking, information sharing, and fun by beautiful Greer’s Ferry Lake. As Past President, my most important functions for the chapter begin at this time of the year. The Past President is in charge of both the Nominations/Awards Committee and of organizing judges for both student and professional presentations. Please read on in the newsletter for more information on these topics, or contact me directly (Ben.Batten@agfc.ar.gov) to nominate someone for an award, volunteer or nominate someone for office, or to volunteer to judge presentations. If you have never done any of these roles, the Chapter could definitely use your help.

Would you like to join the Arkansas Chapter AFS??

If you are interested in joining or renewing your membership to the Arkansas Chapter of the American Fisheries Society, please visit the Chapter web site, or contact Jason Throneberry at jason@arkansasheritage.org. If your e-mail address has changed recently, please let us know!

Did you know? The Chapter is now one of 14,182 small associations, clubs, or nonprofits that are utilizing Wild Apricot!
Arkansas Chapter AFS
Treasury Report

Balance Brought Forward
(May 07, 2015) $38,273.95

INCOME
Interest Deposits (Simmons Bank), August 2015 - October 2015 $14.43
Total Income $14.43
Subtotal $38,288.38

DISBURSEMENTS
EXCOM Meeting - Shotgun Dan’s Pizza (Debit Card) $102.14
Insurance Payment (Check # 892) $150.00
Meeting Deposit for Fairfield Bay (Check # 893) $1,000.00
Square with Chip Reader (Debit Card) $29.00
Total Disbursements $1,281.14

Balance on Hand $37,007.24
(November 12, 2015)

Prepared by Jason Throneberry 11/12/2015

History Committee
The History Committee includes Charlie Gagen, Betty Crump, Rich Grippo, Steve Filipek, and myself. The Committee continues to make progress toward archiving the Chapter’s history and preparing for the Chapter’s 30th anniversary in 2016. We are still looking for pictures from all Chapter meetings and events. If you have any pictures, please send them to me at Chris.Racey@agfc.ar.gov.

-Chris Racey, History Committee Chair

Ideas for next Lateral Line?
Thanks to everyone who provided information and ideas for this issue of the Lateral Line. As always, I encourage you, Chapter members, to give me ideas and share your suggestions for future issues of the Lateral Line. Pictures are always welcome! Thanks!

-Christy Graham, Newsletter Editor, Christy.Graham@agfc.ar.gov

2016 Science Fair Schedule- Save the Dates!!

- Central Arkansas – March 4th, 2016 UALR Campus
- West Central Arkansas - Feb 24th, 2016 AR Math and Science School
- Northeast Arkansas - March 17th, 2016 Location: Arkansas State University, Student Union,
- Southeast Arkansas - March 10th, 2016 U.A.M. Gibson University Center
- Northwest Arkansas - March 4th, 2016 Arkansas Union Ballroom, UA Campus
- Southwest Arkansas - March 18th, 2016 SAU gym
- State Science Fair – April 1st-2nd, 2016 in the Farris Center on the UCA campus

Anyone interested in judging, Contact Me!
-JJ Gladden, Education Committee Chair
JJ.Gladden@agfc.ar.gov, (501)286-0017

To view EXCOM meeting minutes from May and August 2015, please visit the Chapter website:
http://sdafs.org/arkafs/AFS/.
**Raffle Committee**

Hello All, it is that time of year again to start thinking about soliciting local businesses for donation items for this year's annual meeting. I may sound like a broken record, but the success of the silent auction is largely accredited to you guys, the Chapter members, for collecting such great donations. I am always excited to do my part in collecting items as well, but my time and resources are fairly limited to my specific region of the state. It is always great to have such a diverse collection of items from across the state, showcasing the great vendors and manufacturers that Arkansas has to offer. If you receive an item from a vendor in your area, please try to obtain a business card as well. Not only is this good publicity for their business, but it also allows me to send them thank you letters after the event. The raffle event from last year went so well, that we plan to have another one this year. I will be working on some more high-end items for this year as well. If you have an idea for a raffle item, please feel free to contact me at any time, I would be glad to pursue. The more items we have, the more fun and exciting the raffle and silent auction becomes. Thanks for all of your support in the past, and I look forward to hearing from you in the future. Thanks to all!

–Eli Powers, Raffle Committee Chair, Justin.Powers@agfc.ar.gov

**Nominations/Awards Committee**

**Call for Officer Nominations** – This is the first call for 2016 Arkansas Chapter officer nominations. Nominations are open for President-Elect and Secretary. The President-Elect is primarily responsible for organizing the 2017 Chapter Meeting and serves on the Chapter's Executive Committee (EXCOM). The President-Elect serves on the Chapter EXCOM for a total of three years (one as President-Elect, one as Chapter President, and one as immediate Past-President). The Secretary's duties include handling notes, minutes and correspondence for the Chapter. The Secretary serves a two-year term. Officer nominations can be sent to the address or email provided below.

**Call for Award Nominations** – This is the first call for nominations for the Robert M. Jenkins Award for Outstanding Conservation Achievement and the Joe Hogan Award for Individual Achievement. The Robert M. Jenkins Award for Outstanding Conservation Achievement goes to an individual, agency, or organization that has provided leadership or outstanding assistance in helping to conserve fisheries resources. Recent award recipients include Illinois River Watershed Partnership, CADDIS Fly Fishing Club, and Arkansas Bass Association. The Joe Hogan Award for Individual Achievement goes to an individual who has provided an important or long-term service to our Society, our fisheries resources, or our profession. Recent award recipients include Carl Perrin, I.F. “Andy Anderson”, and Larry Rider. An award nomination form is provided on Page 17 of this newsletter, and can be sent to the following address or email: Arkansas Game and Fish Commission, c/o Ben Batten, 2 Natural Resources Drive, Little Rock, AR, 72205 or Ben.Batten@agfc.ar.gov

–Ben Batten, Nominations and Awards Committee Chair
Several years ago, a few scientists from the Stuttgart National Aquaculture Research Center (SNARC) visited Keo Fish Farm to ask about any disease problems they were having and how these could be addressed in our research program. While visiting with the hatchery manager, he asked about treatments to control fungus on eggs which occurred fairly often; he even showed us a picture of an extremely bad case.

I had just successfully completed an effectiveness study that was needed in our pursuit of gaining FDA-approval to use copper sulfate (CuSO₄) to control fungus on catfish eggs, so I was excited (actually, too exited according to my colleagues). I was confident that we could help with their egg fungus problem! We designed a study on the spot and were eager to get started, even though spawning season was coming to a close (only a minor inconvenience, right?). We completed the study during the following spawning season, and would like to share our results.

Before we get started, there are a few things to know about CuSO₄. It is approved by the EPA for use in aquaculture as an algicide and molluscicide. It is not approved by the FDA as a drug in aquaculture; however, regulatory action is deferred while we are working toward gaining approval of CuSO₄ to control Ich on channel catfish and saprolegniasis (fungus) on channel catfish eggs. Therefore, its use as a drug is currently acceptable.

As most of you fish-squeezers know, sunshine bass hatch about 48 hours after spawning, so we had to use several quick treatments in a short time. Our study used 3 concentrations of CuSO₄ (10, 20, and 40 mg/L) and an untreated control; these concentrations were based on what we found with catfish. The treatments began the afternoon of spawning with a 10 min aerated, static bath and were repeated the morning and afternoon of Day 2; eggs were not treated after hatching began.

We developed an in vitro assay with fungus that had been isolated previously from the Keo hatching system for this treatment schedule. It showed that maximum fungal inhibition was reached with 20 mg/L CuSO₄. Results of the experiment in hatching jars showed that fungus was severe in the untreated controls (27.7 % survival), but very little fungus was present in treatments receiving ≥10 mg/L (31.4 % survival). The highest survival was at 40 mg/L (50.5 % survival); however, the 20 mg/L treatment (45.8 % survival) was not significantly different from the 40 mg/L treatment and allows for a greater
An interesting observation during this experiment was that treated eggs retained a blue tint. Our previous studies with catfish eggs used troughs that were powder-coated light blue for blinding purposes required by FDA, so any blue tint was not noticeable. This blue tint shows that the Cu is taken up into the chorion of the egg and might give an extended effect when controlling fungus on eggs.

We wanted to check the safety of using CuSO₄ on these fish, so follow-up toxicity experiments on sunshine bass larvae indicated the 24 and 48 hour LC50 values were 5.4 and 3.91 mg/L CuSO₄, respectively; the No Observed Effect Concentrations were 0.5 and 0.25 mg/L, respectively. As a precautionary measure, sunshine bass eggs and larvae that had been treated with CuSO₄ were observed periodically for deformities or other health issues during growth up to 3 inches, and the fish were determined to be healthy as compared to fry that had not been treated. Therefore, CuSO₄ treatment of sunshine bass eggs is safe.

This study confirmed that CuSO₄ can be an economical and valuable resource in hatchery management for control of saprolegniasis in McDonald jars. It is also currently being used for fungus control on mat-spawned largemouth bass eggs, and we have studies underway on rainbow trout eggs. This research has increased fry production at Keo by about 15 – 20% and we are happy to have helped!

For more information on this project, e-mail Dave Straus dave.straus@ars.usda.gov, with the U.S. Dept. of Agriculture, Agricultural Research Service, Harry K. Dupree Stuttgart National Aquaculture Research Center
The Student Subunit Section

Arkansas Tech Subunit:

This semester our subunit participated in many new events. Our most successful event was the inception of Fall Field Days in which we take current freshmen in the Fisheries and Wildlife Science program out into the field to teach them techniques valuable to their future success as conservationists; the intent is to retain them in the fisheries and wildlife science major. Historically, we have an average of 60-70 freshmen each fall, with about 20 remaining in the program after their first year, so it was our goal to increase the retention rate. Our first field day included an obstacle course, reptile handling, and small mammal/trap identification. Our second fall field day was composed of backpack shocking, seining, and fish identification with food and games following each event. They were a huge success, with well over 100 attendees! We also participated in Bow Jam at Holla Bend NWR with over 20 ATU students volunteering and 158 elementary kids learning how to shoot a bow, and receiving a bow to take home. ATU students also participated in our annual trip to Bearcat Hollow WMA (the newest WMA in Arkansas), with 30 students volunteering to do stream clean up, field clean up, and gate installations. Our subunit also worked in cooperation with USACE to do our bi-annual trash pick-up on Lake Front Dr. in Russellville, AR. This is a valuable project as it keeps hundreds of pounds of waste from being washed out into Lake Dardanelle. Our last event was held at Bona Dea Trails, where we had over 30 volunteers removing invasive species, mainly privet, along the trails to improve wildlife habitat. We also had a few volunteers help out at Snakes and Stars, an event designed to introduce elementary students to reptiles and proper techniques in handling and safety. We also hosted two guest speakers, one a recruiter from USFWS on how to navigate the USA jobs website, and the other was a talk on resource selection of bull elk in Arkansas, with over 50 in attendance. Our last, and only future event of the semester, is helping the CADDIS Fly Fishers Club on trout day at Pleasant View Park in Russellville.

-Bradley Savage, President, ATU Subunit
U of A (Fayetteville) Subunit:

This fall, our subunit participated in river clean-up event at the Mulberry River in Ozark, AR. We spent the day cleaning up trash along the river. Three members and subunit advisor visited a local school (St. Joseph Catholic School) in October to meet with a group of about 30 middle school students. We shared how we came to have careers in aquatic ecology and demonstrated how to sample fish, crayfish, and macroinvertebrates at a lake on the school’s campus.

Looking ahead to next semester, our subunit is planning to host a departmental seminar. We plan to vote on and select a guest speaker (a professional in aquatic science) to invite to our campus. We are also planning to put on a fly tying and fly fishing demonstration in spring 2016.

- Allyson Yarra, President, U of A subunit

UCA Subunit:

Over the summer, several UCA members had a blast helping out at the annual Joe Hogan Fishing Derby. Members volunteered to weigh fish and hand out hourly prizes. We look forward to this fun community event each year, and it has become one of our favorite subunit activities.

This fall, we voted to change the name of our subunit at the campus level. The UCA subunit of AFS is now the Fisheries and Wildlife Society. We have gained membership and visibility with this name change, and we are pleased with the outcome. Also this fall, our members have had opportunities to participate in community outreach activities, present research at professional meetings, and attend seminars sponsored by our subunit.

Cont. on next page...
In September, we participated in the UCA Registered Student Organization Fair. This campus event was not only an opportunity for educational outreach, but also a chance for us to increase our visibility at UCA. The live snake was a huge hit, and we recruited some new members as well.

In October, our subunit participated in Conway's EcoFest. This annual festival promotes environmental sustainability and conservation. Our focus at EcoFest was to educate the public on fisheries and wildlife conservation. We also sold fish hook bracelets as a fundraiser. We raised conservation awareness, our visibility in the community and a small profit for our subunit. :) We would like to take this opportunity to thank Jeff Quinn and members of the EXCOM for working hard to assist us in our efforts to be a vendor at EcoFest. We appreciate your support!

Members Lucy Baker, Stephanie Stoughton and Nate Weston attended the Natural Areas Conference in Little Rock November 3-5. Lucy gave an oral presentation on her thesis research, "Does environmental context mediate anthropogenic stressors?". Stephanie presented a poster on her graduate thesis research looking at urban land proximity and wetland function, and Nate presented a poster on stream restoration ecology. Lucy won the third place student presentation award at the conference. Way to go, Lucy!

Members Heather Saco and Geoff Spooner attended the Southeastern Fishes Council meeting in Gainesville, Florida November 12-14. Heather gave an oral presentation on her thesis research looking at changes in land use and fish assemblages over time. Geoff presented a poster on his thesis research of the Ohio River shrimp in Arkansas rivers.

Our subunit invited three speakers to give seminars this semester. In September, Kelly Irwin (AGFC herpetologist) gave a talk on his research of the Ozark Hellbender. In October, Lindsey Lewis (USFWS biologist) gave a seminar on the history of saltwater species in Arkansas. In November, Patrick Moore (ASU graduate student) presented his research on the home range and habitat use of foraging gray bats in Arkansas. We are grateful to all our speakers for taking time to come share their knowledge with us.

In December, members Lucy Baker, Lori Monday and Geoff Spooner participated in Science Night at Frank Mitchell Intermediate School in Vilonia. Kids and parents were excited to learn about fishes, snakes and aquatic invertebrates. We also raised more student travel funds by selling our fish hook bracelets.

- Heather Saco, President, UCA Subunit

**Hey Students!** Do you want to share your research in future editions of the Lateral Line? Your project doesn’t have to be complete to share with others- if you are excited about your project, others will be too. I’ll be looking for another project to highlight in the Spring 2016 edition- first come first serve! If you are interested, let me know! Christy.Graham@agfc.ar.gov

**ATTENTION SUBUNIT OFFICERS!**

Remember to e-mail JJ (JJ.Gladden@agfc.ar.gov) ASAP with any changes to your list of current subunit officers.
The UAPB subunit has been fairly busy since the spring. We had some members volunteer at the kid’s fishing derby held at the AGFC Joe Hogan Fish Hatchery in early June. In August, we had a few members attend the AFS national meeting in Portland, OR to present their research and attend scientific presentations. Greyson, Ele, and Kyler also ran a table at Freshmen Orientation at UAPB in August to try to recruit new members.

In September, we did a trash clean up at MLK Park pond in Pine Bluff. We also had an Aquaculture/Fisheries Club Day at the first UAPB home football game, where we grilled out and met some of the new members before we went to the game together. At our September meeting, we had guest speaker, Dr. Reed Green (Water Scientist for the USGS), who gave our members a seminar on reservoir limnology. This year the Aquaculture/Fisheries Department of UAPB hosted Aquatic Sciences Day, where high school kids from around the southern part of Arkansas come to the UAPB Research Station and observe demonstrations put on by students and faculty members within the department. Many of our members participated in this event.

In October, some members set up an exhibit table at the Southeast Arkansas Regional Fair held at Hestand Stadium in Pine Bluff, to try to promote interest from the community about our Aquaculture/Fisheries Club and the Aquaculture/Fisheries Department at UAPB. A few members also ran a table at High School Day at UAPB to try to promote the Aquaculture/Fisheries Club and the Aquaculture/Fisheries Department to visiting parents and potential future students. We also had a few members volunteer at the “BOO on the Bayou”, an event held every year around Halloween at the AGFC Delta Rivers Nature Center in Pine Bluff. At our October meeting, Dr. Joao Koch (Post-doctoral Researcher for the UAPB Aquaculture/Fisheries Department) gave our members a seminar on aquaculture in Brazil.

In November, one member attended the SEAFWA conference in Asheville, NC to present their research and attend scientific presentations. At our November meeting, Ben Batten, (Region 1-Assistant Chief of Fisheries Management for the AGFC) gave our members a seminar on experiences he has encountered throughout his career in fisheries.

Our subunit has enjoyed a busy past couple of months, but we look forward to the exciting events we have planned for next spring.

-Kyler Hecke, Vice President, UAPB Subunit
A Message for Students and Advisors from SDAFS Student Affairs

Hello Chapter Presidents, Student Subunit Officers, and Advisers,

I want you to be aware of the following Student Affairs opportunities for the upcoming SDAFS 2016 meeting in Wheeling, WV. Please share these opportunities with your students:

Free Student Rooms at the 2016 SDAFS Spring Meeting

The Southern Division of the American Fisheries Society supports a limited number of complimentary hotel rooms for students attending the 2016 SDAFS Spring Meeting (February 17-21) at the Oglebay Resort in Wheeling, WV. Rooms are available for 2 nights (February 19 and 20). Preference will be given to students that are current AFS members. In exchange for free lodging, students will be expected to volunteer and assist the West Virginia Chapter during the meeting. Students interested in these rooms should contact Nicole Rankin (nicolemrankin@gmail.com), the Chair of the Student Affairs Committee. If interested, please send Nicole an email that includes your name, complete mailing address, email address, phone number, university affiliation, and your gender (so that appropriate room assignments can be organized).

Student Mentor Lunch at 2016 SDAFS Spring Meeting

The Southern Division of the American Fisheries Society encourages interaction between students and fisheries professionals through a Student Mentor Lunch. The Student Mentor Lunch at the 2016 SDAFS meeting will occur at noon on Saturday, February 20. If you are a student interested in being paired with a mentor for lunch that day, please indicate your participation by making the appropriate selection on the registration form. You may also send an email to Nicole Rankin (nicolemrankin@gmail.com), the Chair of the Student Affairs Committee, stating your interest. We will try to match students with mentors that can offer specific career advice. If you email Nicole, please indicate what school you attend, the degree you are working towards, and whether you would prefer a mentor from an Academic Institute, State Agency, Federal Agency, or Private Firm.

Best Student Presentation and Best Student Poster Awards

The Southern Division of the American Fisheries Society supports awards for Best Student Presentation and Best Student Poster at the SDAFS meeting. Students interested in competing for the Best Student Presentation and the Best Student Poster at the 2016 SDAFS meeting should indicate so with their abstract submission. Finalists for the Best Student Presentation will be selected based on submitted abstracts and notified prior to the meeting. Each selected finalist will be required to give his or her presentation in the Best Student Symposium on Saturday, February 20. Submissions for Best Student Poster will be judged during the Poster Session on Saturday, February 20.

If you have any questions, please contact Nicole Rankin (nicolemrankin@gmail.com).
**Miscellaneous Information**

**2015-16 Meeting Announcements**

The Southern Division of the American Fisheries Society

2016 Southern Division AFS Meeting
February 17th-21st, 2016
Oglebay Resort and Conference Center
Wheeling, WV

2016 Mid-Continent Warmwater Fish Culture Workshop
Feb 1, 2016 - Feb 3, 2016
Eugene T. Mahoney State Park
Ashland, Nebraska

2016 Meeting of the Arkansas Chapter – American Fisheries Society
February 10 through 12, 2016
Fairfield Bay Conference Center
110 Lost Creek Parkway
Fairfield Bay, Arkansas 72088

**Getting in Touch: Current Officers**

*President:* Jeff Quinn,
Jeffrey.Quinn@agfc.ar.gov

*President-Elect:* Tate Wentz
Wentz@adeq.state.ar.us

*Secretary:* Matt Schroeder
Matthew.Schroeder@agfc.ar.gov

*Treasurer:* Jason Throneberry,
jason@arkansasheritage.org

*Past President:* Ben Batten,
Ben.Batten@agfc.ar.gov

**Student Scholarship Opportunities:**

- Robert M. Jenkins Memorial Reservoir Research Scholarship: The SDAFS Reservoir Committee offers two $1,000 scholarships annually. Deadline is December 31. More information can be found: [http://sdafs.org/students/](http://sdafs.org/students/)

- Catfish Management Technical Committee Scholarship – The Catfish Committee is offering one $300 scholarship annually. Deadline is December 31. More information can be found: [http://sdafs.org/catfish-committee-scholarship/](http://sdafs.org/catfish-committee-scholarship/)

*For more information on these scholarships, contact:* Nicole Rankin, nicolemrankin@gmail.com

**It’s time for our members and Subunits to start being recognized for all of their hard work!**

The 2015 SDAFS Awards Committee is now accepting nominations for four Southern Division Awards:

- Distinguished Service Award
- Achievement Award
- Best Chapter Award
- Outstanding Subunit Award

*Please consider nominating your colleagues and AFS units who are doing outstanding things for AFS!* Nominations will be accepted until January 29, 2016. Letters in support of the nomination from other members are welcome. Electronic submissions should be in PDF or MS Word format. Submit nominations to the SDAFS Awards Committee Chair. Contact information can be found at: [http://sdafs.org/awards/](http://sdafs.org/awards/).
SAVE THE DATE!!!!

2016 Meeting of the Arkansas Chapter – American Fisheries Society

February 10-12, 2016
Fairfield Bay Conference Center
110 Lost Creek Parkway
Fairfield Bay, Arkansas 72088

2016 Meeting of the Arkansas Chapter – American Fisheries Society
http://www.fairfieldbayconferencecenter.com

Registration
On-line
https://arkansasafs.wildapricot.org/events
(On-line payment options are through PayPal only. If on-line payments are not submitted, an invoice will be generated for payment purposes).

Paper
Please complete the attached registration form and send it with payment to Jason Throneberry (address on form). Early registration deadline is February 1st, 2016.

Lodging
VIP Condos
Each VIP Condo comes with a king bed, two double beds, sleeper sofa, two full baths, hot tub, and full kitchen.

Two night minimum, double person occupancy
$75.00/person/night
Single person occupancy is $150.00/night

The VIP Condos easily sleeps four and will be prorated per number of occupants. Each occupant must make his or her own reservation.

Villas (limited availability)
The Villas are single person occupancy and provide guests with a king bed, full size bath, and kitchen.

$79.00/night, two night minimum
All reservations must be made by calling:
501-884-4202
Tentative schedule

**Wednesday, February 10th**
11:30 am - 1 pm – Registration and presentation loading
1:00 - 1:10 pm – Welcome, President’s address
1:10 - 1:20 pm – Introduction the reservoir management symposium and plenary session
1:20 - 2:40 pm – Plenary session (invited speakers TBA)
3:00 - 5:20 pm – Reservoir management symposium
6:00 - 7:00 pm – Poster Session
7:00 - 9:00 pm – Pizza social

**Thursday, February 11th**
8:20 - 11:40 am – Contributed papers
11:40 am - 1:00 pm – Lunch on your own
1:00 - 5:00 pm – Contributed papers
6:00 - 9:00 pm – Catered buffet dinner, awards, silent auction

**Friday, February 12th**
8:20 am – 10:40 am – Business Meeting
11:00 am – Noon - Alligator gar committee and/or other committees
1:00 pm - Past-Presidents’ lunch, Little Red Restaurant

Please bring at least one item for the silent auction!

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**ATTENTION STUDENTS and PROFESSORS!**

**SUBUNIT TRAVEL AWARDS**

The Chapter will fund lodging and meeting registration costs for Student Subunit Presidents (who are not funded by their University) so they may attend the Chapter annual meeting and represent the Subunits on the Chapter Executive Committee. If a President is unable to attend they may select another Student Subunit officer to serve as a proxy.

*Please Contact JJ Gladden, JJ.Gladden@agfc.ar.gov, to sign up or for further details.*
**1st Call for Abstracts!**

We want to hear about your work! Abstracts should be 200 words or less and include: (1) title of the paper; (2) names of authors(s) with an asterisk (*) denoting the presenter’s name; and (3) affiliation of the authors(s) (e.g., agency, university, business, etc.). Please see the example below for formatting conventions. Microsoft Word files are preferred. Presentations should be developed in Microsoft PowerPoint. Professionals and students please indicate your status upon submission as well as whether you would like to be judged for Best Paper awards.

If you would like to considered for inclusion in the reservoir management symposium or if you plan to submit a poster, please note that **in bold** below the abstract (e.g., reservoir management; poster). The reservoir management symposium will address issues of critical to infrastructure, conflicting uses, habitat management, human dimensions aspects, stock enhancement, and data analysis and interpretation.

Submit abstracts via email to Tate Wentz at wentz@adeq.state.ar.us. Questions or special requests may be directed to Tate Wentz at 501-682-0661. **The deadline for abstract submittal is 15 January 2015.**

**Example of Abstract Format:**

**HYDROLOGY AND ITS EFFECT ON THE LARGEMOUTH BASS *MICROPTERUS SALMOIDES* POPULATION IN THE ARKANSAS RIVER**

**Clint R. Peacock1*, Benjamin G. Batten2, and Michael A. Eggleton1**, 1University of Arkansas at Pine Bluff, Aquaculture/Fisheries Center, 1200 N. University Dr., Box 4912, Pine Bluff, AR 71601, cpeacock@uaex.edu, 2Arkansas Game and Fish Commission, 2 Natural Resources Drive, Little Rock, AR 72205

Hydrology can affect sportfish populations by influencing their rates of recruitment and growth. Links between largemouth bass recruitment and hydrology have been suggested from previous research in the Arkansas River. However, the effect that hydrology may have on annual growth rate through the life of cohort has not been widely studied. Largemouth bass population data were obtained from intensive boat-mounted electrofishing conducted during 2004, 2005, and 2010. Using back-calculated length at age data from 2004-2005 (N=1,728), annual growth increments of largemouth bass were positively correlated to years with longer low-water (<15,000 ft³/s) periods and negatively correlated to years with sustained periods of high flow (>50,000 ft³/s). Population data collected during 2010 following 3 years of hydrologic extremes in the Arkansas River (29% of the days annually exceeding 100,000 ft³/s) indicated a general decrease in bass size and growth throughout the river compared to 2004-2005. The age at which bass recruited to the legal fishery (381-mm TL) increased from 3.3-3.4 years in 2004-2005 to 4.3 years in 2010. Additionally, CPUE decreased almost 50% in 2010 compared to 2004-2005, with weak year classes observed in 2007 and 2008.
Meeting Registrant Contact Information

Name: ________________________________

Name Shown on Badge (if different from above): ___________________________

Is your contact information the same as last year? Yes ☐ - Skip to Meeting Registration

If not, or you did not attend last year, please provide the following information:

Affiliation: __________________________ Student: Yes ☐ No ☐

Address: ______________________________

City: _______________ State: ________ Zip:__________

Email: ___________________________ Phone: ____________

Meeting Registration: (includes Wednesday & Thursday Socials)

Student Registration $35.00 ______

Early Registration (Postmarked by February 8, 2015) $65.00 ______

Regular Registration (February 9, 2015 and later) $70.00 ______

Arkansas Chapter Membership $10.00 ______

Arkansas Student Membership $5.00 ______

Total Registration & Membership Fees $ ______

Are you giving a presentation at the meeting this year? Yes ☐ No ☐

Checks and money orders should be made payable to: Arkansas Chapter AFS

Mail payment to:
AR AFS 2016 Spring Meeting
C/O Jason Throneberry
ANHC, Tower Building, 323 Center St # 1500,
Little Rock, AR 72201 Mountain Home, AR 72653

For Treasurer Use Only:
Date Paid: ____________
Check ☐ Cash ☐
Check Number: ____________
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AWARD NOMINATION FORM

Nominator Information
Name ________________________________________________________________________
Title and Organization ________________________________________________________________________
Phone ________________________________________________________________________
Email ________________________________________________________________________

Joe Hogan Individual Achievement Award
Nominee Information:
Name ________________________________________________________________________
Title and Organization ________________________________________________________________________
Street Address ________________________________________________________________________
City, State, Zip ________________________________________________________________________
Phone ________________________________________________________________________
Email ________________________________________________________________________

Please list the accomplishments of the nominee that you believe supports your nomination of 
the candidate

Robert M. Jenkins Outstanding Conservation Achievement Award
Nominee Information:
Name ________________________________________________________________________
Title and Organization ________________________________________________________________________
Street Address ________________________________________________________________________
City, State, Zip ________________________________________________________________________
Phone ________________________________________________________________________
Email ________________________________________________________________________

Please list the accomplishments of the nominee that you believe supports your nomination of 
the candidate

Please send or e-mail form to:
Arkansas Game and Fish Commission, c/o Ben Batten,
2 Natural Resources Dr., Little Rock, AR, 72205, Ben.Batten@agfc.ar.gov