

OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 33(1)

THE LATERAL LINE

January 2013

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PRESIDENT'S MESSAGE

President's Message

First, a big shout out to everyone who helped plan, present, and play at the last annual meeting held here in Stilly. Our first fall meeting appeared to be a hit (no pun intended) with the softball game, outdoor games, and socializing. I at least found that if we go over the fiscal cliff, Danny Bowen and I can form a professional horse-shoe team to make ends meet (it pays to network at these things). I also extend a great deal of thanks to the City of Stillwater and the Sanborn Chapter Izaak Walton League who let us use their facilities and to OSU for the bus service. Congratulations also to those deserving individuals who received awards at the meeting: Lifetime Achievement Award to John Stahl (Oklahoma Department of Wildlife Conservation), Outstanding Fisheries Worker to Jason Schooley (Oklahoma Department of Wildlife Conservation), James Schooley Best Paper Award to Reid Morehouse (Oklahoma State University), Jimmie Pigg Travel Scholarship to Chris Musselman (Oklahoma State University) and Kris Stahr (Oklahoma State University). I also thank outgoing president Dan Shoup for being easy to work with in planning the meeting and for being the first guinea pig in trying out the new "interim" duties in planning these meetings.

Second, because I have nothing profound to offer, I want to mention the upcoming annual meeting. I was able to compile a list of meeting locations back to 1998 and discovered that we have met only once west of I-35, and that was at Roman

Nose State Park (Watonga) in 1999. One part about the annual meetings that I enjoy is getting to see parts of the state I haven't seen and I think we've neglected visiting our resources in the west. Thus, I'm hoping to have the next annual meeting somewhere in the west, possibly around the Wichita Mountain or Quartz Mountain areas. We should be able to find suitable weather for another outside activity in this region in the fall; hopefully something less than 100° though. If you have any thoughts or ideas on this, shoot me an email (longjm@okstate.edu).

Third, and last, I want to review and increase our relevance. Our mission, as a professional society, is to promote conservation, promote fisheries science, gather and disseminate information, and encourage competent teaching (in a nutshell; you can read it all at our website <http://www.sdafs.org/okafs/>). While I think we do a good job communicating fisheries to other fisheries folks, I think we can do more by making sure we address relevant issues in the state (e.g., comprehensive water plan). A professional society like ours has the ability to take positions that perhaps our members cannot in their employed capacity. Also, I would like to think that our concerns go beyond fish and extend to fish habitat and there are other organizations in the state where we can insert our unique outlook (e.g., Oklahoma Clean Lakes and Watersheds Association [April 18-19, 2013 in Stillwater] and Governor's Water Conference). With that in mind, I encourage our members to contact the chapter and its membership about concerns and meetings in which we should be engaged. Check out the list of committees and their respective chairs and if you have something to share, let us know.

Jim Long- el Presidente

Awards

Josh Johnston

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9097 N. 34th St. W.
Porter, OK 74454
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Johnston_odwc@hotmail.com

Activities

Kevin Stubbs

USFWS
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Tulsa, OK 74129
918-382-4501

Kevin_Stubbs@fws.gov

Fundraising

Bill Wentroth

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Ponca City, OK 74604
580-762-2248

bwentroth@cableone.net

Student Concerns

Shannon Brewer

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Continuing Education Comm.

Dan Shoup

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Environmental Concerns Comm.

Randy Parham

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Randy.Parham@deq.state.ok.us

COMMITTEE REPORTS

Awards – Josh Johnston

Greetings all! As chairman of the activities and fund raising committee I would like to take this opportunity to ask for assistance. I know next year's meeting is still 6 or 7 months away but it's never too early to start soliciting donations. Donations can be for small items that can be used for door prizes or for larger items that can be for silent auction. Please remember the importance of your efforts. Money raised from these donations is given to students to assist with their educational expenses. Please assist me with collecting an ample number of items to help ensure the Chapter's ability to continue awarding scholarships to students. As a special incentive, individuals collecting donations valued at or above \$25 will have a chance for a special yet to be determined prize. Only individuals collecting donations valued at \$25 or more will be qualified to win this prize. Last years prize was a very nice buck knife. Thanks for your assistance.

Activities—Kevin Stubbs

I want to thank all the activities committee members and other chapter members that helped with activities at our annual meeting. It was a big help to Dan Shoup and Jim Long in making the meeting a success and I know they appreciated it.

Jim Long is already asking for ideas for activities at the next meeting and all input is welcome. It is important that our OKAFS meetings are both fun and educational so if you have any suggestions for activities at the next meeting, send them to me and/or Jim.

Fund Raising Committee- Bill Wentroth

I would like to thank everyone for their generosity during the auction at the banquet. We raised a record high dollar amount! (You will have to ask Matt Mauck the Sec/Tress for the exact amount) It is definitely worth bragging about in

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the newsletter! Of course, these funds go towards the Student Travel scholarships, so the benefits will certainly pay off in the future!

If anyone has a new idea for fundraising, please let me know, we are always looking for new ways of getting money out of these tight fisheries folks!

Student Concerns – Shannon Brewer

The committee is developing a list of alternative options for student participation and development at the 2013 annual meeting. The 2013 meeting locations under consideration present different opportunities for students.

Continuing Education – Dan Shoup

The committee presented a workshop on electrofishing theory and power standardization at this past fall's annual meeting. Greg Summers recorded the presentation, so if all goes well with the editing, this will be available online as a pod cast some time in the future. Other ideas the committee has been considering for future workshops are the use of social networking (Facebook, Google+, Twitter, etc.) in fisheries and aquatic sampling safety. As always, the committee would welcome your thoughts or suggestions. If you have suggestions for workshop topics or would like to weigh in on the two ideas above, please contact one of the continuing education committee members (Dan Shoup dshoup@okstate.edu, Ashley Nealis afoster02@sbcglobal.net, Cliff Sager csager@simplynet.net, or Jason Schooley jschooley02@sbcglobal.net).

Environmental Concerns – Randy Parham

Nothing new to report.

Nominations and Awards Committee – Josh Johnston

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JIMMIE PIGG STUDENT TRAVEL SCHOLARSHIP

STUDENTS!! STUDENTS!! STUDENTS!! This is the first call for students who would like to go to a professional meeting on someone else's money. The Chapter will award the Jimmie Pigg Student Travel Scholarship to a student or students who are involved in fisheries research studies and who are planning to present their findings at an upcoming AFS meeting. The Chapter awards a \$1000.00 dollar scholarship to the lucky recipient.

This prestigious award is named in honor of the well-known, well-respected late aquatic biologist and educator Mr. Jimmie Pigg, who donated the initial Chapter funding to create the award. Jimmie will always be remembered as a dedicated professional and active fisheries conservationist who loved his work and his students.

Any student who is active in fisheries or a related aquatic discipline is eligible to apply. Recipients are selected by the Chapter Nominations and Awards Committee and are presented the award at the annual Chapter business meeting. Selection is based on academic qualifications, professional service, contribution to fisheries and the applicant's demonstrated desire and need for the grant.

Awards are based on merit and are not necessarily given each year. Interested students should contact the Awards Committee Chair, Josh Johnston at (918) 683-1031 or email Josh at Johnston_odwc@hotmail.com for more information and to obtain the appropriate application forms.

OUTSTANDING OKLAHOMA FISHERIES WORKER OF THE YEAR AWARD

The Nominations and Awards Committee is soliciting nominations for the OKAFS' highest award, The Oklahoma Outstanding Fisheries Worker of the Year Award. The award is presented annually to an Oklahoma fisheries

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professional who has made significant contributions in the field of aquatic resources conservation, management, research, culture or education. Fishery workers in Oklahoma have, over the years, amassed a multitude of achievements and advancements in fisheries science. This award recognizes their efforts. Please keep this prestigious award in mind this year and nominate a deserving person. In fact if you already know of a worthy candidate, please submit their nomination along with a justification now. All it takes is a letter from you to help give credit where credit is due. Nominations can be submitted to Josh Johnston at Johnston_odwc@hotmail.com.

NOMINATIONS FOR OPEN CHAIRS

In an effort to avoid a major hold-up during the business meeting next year, the Nominations and Awards Committee is soliciting nominations for Secretary/Treasurer and President Elect. If you are interested in either of these positions, or know someone adequate, please let us know. We would love to have a long list of nominations at next year's meeting, and we are asking for your help. Nominations can be submitted to Josh Johnston at Johnston_odwc@hotmail.com.

UPCOMING MEETINGS AND EVENTS

EARLY CALL FOR PAPERS/PRESENTATIONS

Meeting Information

TBA

Registration

TBA

Submitting an abstract for a talk

TBA

Minutes from October 24, 2012 Business Meeting Stillwater, OK

- I. Call to order (D. Shoup)
- II. Review of Spring 2012 minutes
 - Motion to approve (J. Schooley, B. Wentroth 2nd), motion carried

ExCom Business Update

 - No official meeting was held due to travel logistics. Series of conference calls were utilized to discuss meeting planning and committee details.
 - Discussion on Committee expansion efforts and introduction of new members. Specific duties were discussed and a challenge to other members to get involved.
 - o Activities: Kevin Stubbs (chair), Jay Barfield, Eric Brennan, Kyle James, Brad Johnston, Time Miller, Clayton Porter, Buck Ray, Amie Robison, Curtis Tackett
 - o Awards: Josh Johnston (chair), David Martinez, Ike McKay, Dan Shoup, Jon West, Chris Whisenhunt
 - o Continuing Education: Dan Shoup (chair), Ashley Nealis, Cliff Sager, Jason Schooley
 - o Environmental Concerns: Randy Parham (chair), Shannon Brewer, Daniel Fenner, Kevin Stubbs, Curtis Tackett
 - o Fundraising: Bill Wentroth (chair), Jim Burroughs, Ty Harper, Kurt Kuklinski, John Stahl
 - o Student Concerns: Shannon Brewer (chair), Joey Dyer, Tim Patton, Cliff Sager
- III. SDAFS Report (Steve Lochmann – Past President SDAFS)
 - Brian Murphy (current President SDAFS) wanted to stress Students, Chapters, and Technical Committees.
 - Words of praise for SDAFS Technical Committees: effective and productive, subject oriented, examples of collaborative works recently published
 - An invitation was extended to the upcoming SDAFS Nashville meeting and 2013 Little Rock meeting
 - Gus Rassam (AFS Executive Director) will be resigning
 - Open questions to Steve followed including discussion about potential merge of Southern Division back with SEAFWA. Several requirements were discussed that would be required for this to happen.
- IV. Committee Reports

- Treasury Report (M. Mauck):
 - Discussed status of money market and mutual funds
 - Debit/Credit activity during last year with emphasis on our contributions to student involvement and Technical Committee support
 - Motion to approve (M. Porter, K. Kuklinski 2nd), motion carried.
- Awards (J. Johnston):
 - Awards were presented during silent auction banquet, results follow:
 - President appreciation plaque presented to D. Shoup
 - Jim Schooley Best Student Paper
 - Reid Morehouse – Crayfish of Oklahoma: identification, distribution, and ecology.
 - Jimmie Pigg Student Travel Scholarship (\$1,000/each)
 - Chris Musselman and Kristopher Stahr
 - Fisheries Worker of the Year presented to J. Schooley
 - Lifetime Achievement Award presented to J. Stahl
- Continuing Education (D. Shoup)
 - Electrofishing Theory and Power Standardization Workshop will take place on last day of meeting
 - Encouraged a non-ODWC member to join the committee for diversity
- Environmental Concerns (R. Parham)
 - The committee will be drafting a position statement on Oklahoma Instream Flows for future presentation to the membership
 - Encouraged membership to vocalize concerns to committee
- Fundraising (B. Wentroth)
 - Indicated a great collection of items were available for auction and encouraged everyone to hang around and bid
- Student Concerns (S. Brewer)
 - Request for representative from NSU to join Committee
 - No current concerns
- Student Subunit (R. Stewart)
 - Discussed pending plans to host Student Colloquium at Lake Texoma, OU Biological Station on Feb 15-16
 - Goal: attract students from within OK and surrounding states providing an opportunity for them to discuss their research with student peers.
 - Discussion regarding relatively inexpensive cost of meeting
 - Request for \$500 for funding from OK Chapter.
 - Motion to approve (G. Summers, J. Long 2nd), motion carried
 - Other possible sources of donations were discussed

V. Old Business

- Advanced Registration was discussed
 - o D. Shoup will continue to pursue this option with Google Checkout
 - o S. Lockmann will check with SDAFS for potential support system
- Timing of Meeting was discussed
 - o Decision was to pursue Fall timeframe for another year with emphasis on outdoor social
- Redefining officer responsibilities as they relate to meeting planning
 - o Decision to continue trial period for an additional year
- Status of hosting SDAFS meeting
 - o K. Kuklinski indicated that it appears we are online to host 2016 Spring Meeting

Conclusion of Old Business – Meeting turned over to J. Long

VI. New Business

- Words of appreciation were extended to D. Shoup for his work as President and in planning of the meeting
- Discussed opportunity to network with other water resources professionals throughout the state by attendance and involvement in their annual meetings
 - o Suggestion that we advertise other meeting opportunities, call for papers, and meeting date information to our membership by the listserv and newsletter
- President-Elect Nomination
 - o S. Brewer was singly nominated and appointment was approved.

Motion to Adjourn - (D. Bowen, C. Musselman 2nd), motion carried

The *OKLAHOMA CHAPTER AFS* was chartered on September 8, 1968.

The **mission** of the chapter is:

- To promote conservation, development and wise use of the aquatic and fishery resources of Oklahoma.
- To promote and evaluate the development and advancement of all aspects of fisheries science and management in Oklahoma.
- To gather and disseminate scientific, technical and other information about fisheries science and management to Chapter members and the general public through publications, meetings and other forms of communications.
- To encourage competent teaching of fisheries science and management in Oklahoma colleges and universities and promote the continuing education of Oklahoma fisheries workers.

OKLAHOMA AFS MEMBERSHIP FORM

NAME: _____
(last) (first)

AFFILIATION: _____

MAILING ADDRESS _____
(Dept, Bldg, Office, Street, PO Box, Route, etc.)

(City) (State) (Zip)

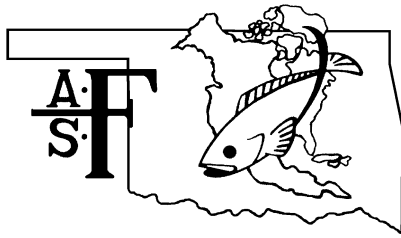
DAY PHONE: _____ E-MAIL: _____

MEMBERSHIP TYPE: 1 Year (\$5)_____ 2 Years (\$10)_____ 3 Years (\$15)_____ Life (\$50)_____

MEMBERSHIP STATUS: Professional_____ Student_____

COMMITTEES (please choose at least one): Activities_____ Awards_____ Continuing Ed_____
Environ. Concerns_____ Fundraising_____ Program_____

Detach, make check payable to OKAFS, and send to: **Matt Mauck**, OKAFS
Secretary/Treasurer, ODWC, Southcentral Division; (580) 924-4087, mmauck@simplynet.net.



OKLAHOMA STUDENT CHAPTER of the AMERICAN FISHERIES SOCIETY

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Kris Stahr

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PRESIDENT'S MESSAGE

The Oklahoma State University student subunit has a busy upcoming year. We are seeking to host our annual fisheries techniques demo in collaboration with Southeastern State University. We are aiming to provide a more comprehensive techniques demo with this collaboration and we are also seeking to increase attendance from other institutions. Normal attendees are from only three institutions (i.e., Oklahoma State University, Northeastern State University, and Southeastern State University) but in order to increase attendance we are gauging interest and promoting this event throughout much of central Oklahoma. Specifics with respect to the time and place will be provided within the next few months.

We will also be hosting the “**Great Plains Student Colloquium**” at the Oklahoma University Biological Field Station at Lake Texoma on **February 15 and 16**. Room and board will be **WAIVED** for the first 25 students that register and we are inviting students (**both** undergraduate and graduate) to present work that focuses on **all** aspects of aquatic science. Interested students should email Randy Stewart (Randy.Stewart@okstate.edu) and those presenting should submit a title, list of authors, and indicate nature of talk (i.e, oral or poster). The registration fee is \$25 but once again room and board will be waived for the first 25 students (see below)!!!!

We are excited about the upcoming year and the opportunities that it has in store.

“It is good luck to any man to be on the good side of the man that knows Fish” - Izaak Walton

Randy Stewart
Oklahoma State University Student Sub-unit President

Great Plains Fisheries Student Colloquium



**Hosted by the Oklahoma State University AFS
Student Subunit at Lake Texoma
February 15-16, 2013**

Purpose

We invite all undergraduate and graduate students to the Great Plains Fisheries Student Colloquium to present current research and planned proposals in a peer friendly and professional environment.

Meeting Information

The colloquium will be held on Friday, Feb. 15th and Saturday, Feb. 16th at the University of Oklahoma Biological Station at Highway 377/99 on Oklahoma University Road near Willis, OK. Registration costs are \$25 and registration will start at 5:00 pm on Friday.

Room and board will be covered for the first 25 students that reply, with special preference given to those students providing a talk and attending from out of state. The rooms are in an apartment style setting located on beautiful Lake Texoma and each room will have a refrigerator and beds (e.g., full bed, bunk beds, roll-way, and sofa bed). Additionally, you will have to provide bedding (and/or sleeping bag) and a pillow.

Abstracts and Registration

To register, please provide the following information to Randy Stewart (randy.stewart@okstate.edu) or Kristopher Stahr (kristopher.stahr@okstate.edu):

- Title of paper.
- Names of all authors and status (i.e., undergraduate, Masters, and PhD) of the presenting speaker, notified with an asterisk (*).
- Affiliation of authors (Agency, School, etc.) including address.
- A brief abstract of no more than 250 words

- Use “Student Colloquium abstract submission” as the subject line of your email.
- Any talks related to aquatic science are welcomed

Abstracts are due by 01/15/2013.

Speakers

Talks will be 20 minutes long (i.e., 15 minutes for talk and five minutes for questions/answers). PowerPoint presentations will be required for all talks and *poster presentations* will be displayed throughout the conference room.

If you have additional questions, please contact Randy Stewart at randy.stewart@okstate.edu or 405-880-2731.

OTHER EVENTS

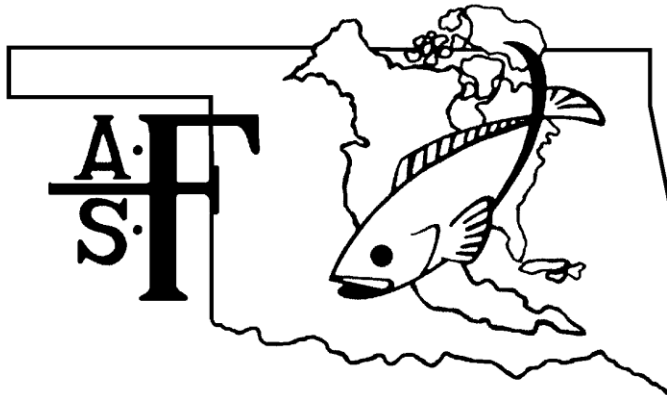
- September 28th, 29th, and 30th 2012, several members assisted at the Oklahoma Department of Wildlife Conservation’s Wildlife Expo.

STUDENT CHAPTER PRESENTATIONS

- **Dyer, J. J.**, and S. K. Brewer. 2012. Predicting the distribution of endemic crayfish at multiple scales. *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral presentation.*
- **Dyer, J. J.**, T. Worthington, and S. K. Brewer. 2012. Predicting the influence of climate change on the distribution of endemic crayfish: Part 1. *In: Programs and abstracts of the National Society of Freshwater Science, Louisville, KY. Oral presentation.*
- **Gatlin, M. R.**, and J. M. Long. 2012. Analysis of Lee Creek’s substrate using side scan sonar technology. *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral presentation.*
- **Musselman, W. C.**, **N. Farless**, and S. K. Brewer. 2012. Go with the flow: how stream discharge affects productive, shallow-water habitat availability and fish movements. *In: Program and abstracts of the Oklahoma State University Water Conference, Stillwater, OK. Poster presentation.*
- **Nealis, A.**, and J. M. Long. 2012. Differences in self-sustaining reservoir populations of paddlefish in Oklahoma. *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral presentation.*

- **Nealis, A.**, and J. M. Long. 2012. Differences in self-sustaining reservoir populations of paddlefish in Oklahoma. *In: Program and abstracts of the American Fisheries Society Annual Southern Division Meeting, Biloxi, MS. Oral presentation.*
 - Ray, W. M., and **W. C. Musselman**. 2012. Identifying species at threat to flow alterations in the Illinois River, Oklahoma. *In: Program and abstracts of the American Fisheries Society Annual Southern Division Meeting, Biloxi, MS. Oral presentation.*
 - **Schmitt, J. D.**, and D. E. Shoup. 2012. Post-hooking mortality of blue catfish *Ictalurus furcatus* caught by jugfishing. *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral Presentation.*
 - **Schmitt, J. D.**, and D. E. Shoup. 2011. Post-hooking mortality of blue catfish *Ictalurus furcatus* caught by jugfishing. *In: Program and abstracts of the Annual American Fisheries Society Meeting, Seattle, WA. Oral Presentation.*
 - **Stahr, K. J.**, M. A. Kaemingk, and D. W. Willis. 2012. The influence of hatching date on recruitment dynamics of bluegill. *In: Program and abstracts of the Annual American Fisheries Society Meeting, Minneapolis, MN. Oral presentation.*
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- **Stewart, D. R.** 2012. Management of catfish and the importance of maintaining biodiversity in aquatic systems. Invited talk at the Okie Noodling Tournament, Pauls Valley, OK. *Oral Presentation.*
- **Stewart, D. R.**, and J. M. Long. 2012. Contribution of 178-mm channel catfish *Ictalurus punctatus* in two medium size reservoirs in Oklahoma. *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral Presentation.*
- **Stewart, D. R.**, and J. M. Long. 2010. Contribution of 178-mm channel catfish *Ictalurus punctatus* in two medium size reservoirs in Oklahoma. *In: Program and abstracts of the American Fisheries Society Annual Southern Division Meeting, Biloxi, MS. Oral Presentation.*
- **Zamor, R. M.**, N. R. Franssen, **C. Porter**, T. M. Patton, and K. D. Hambright. 2012. Temporal effects of toxic algae (*Prymnesium parvum*) bloom on fish communities in a Lake Texoma (OK-TX). *In: Program and abstracts of the Oklahoma Chapter Annual American Fisheries Society Meeting, Stillwater, OK. Oral Presentation.*



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