

# OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 33(2)

*THE LATERAL LINE*

October 2013

**President**

**Jim Long**

Oklahoma Cooperative Fish and Wildlife Research Unit  
007 Ag Hall  
Stillwater, OK 74078  
longjm@okstate.edu

**Past-President**

**Dan Shoup**

Oklahoma State University  
008c Ag Hall  
Stillwater, OK 74078  
Daniel.Shoup@okstate.edu

**President-Elect**

**Shannon Brewer**

Oklahoma Cooperative Fish and Wildlife Research Unit  
007 Ag Hall  
Stillwater, OK 74078  
Shannon.Brewer@okstate.edu

**Secretary-Treasurer**

**Matt Mauck**

Oklahoma Department of Wildlife Conservation  
Fisheries Division – Southcentral Region  
2021 Caddo Hwy.  
Caddo, OK 74729  
(580) 924-4087  
mmauck@simplynet.net

**Newsletter Editor**

**Shelby Parker**

OK Student Chapter AFS  
008 Ag Hall  
Oklahoma State University  
Stillwater, OK 74078  
Shelby.Parker10@okstate.edu

## PRESIDENT'S MESSAGE

You may recall from my last message (maybe you memorized it; I'm sure it was quite a bit of prose) that I was hoping to meet west of I-35 this year. Well, technically we are, but not where I intended. We were invited by the Texas chapter to co-host a joint meeting so our plan now is to meet at Tanglewood Resort (<http://www.tanglewoodresort.com/>) on the shores of Lake Texoma on the Texas side, February 13-15, 2014. This is a great opportunity that couldn't really be passed up. Many things have happened between the borders of our two states (e.g., water wars, fish kills) and we will get a chance as biologists to meet and discuss the science of these issues. Participating in meetings like this, where we involve more than just ourselves, is a good way to ensure we are more relevant.

Speaking of relevance... also mentioned in my last message was our need to be more relevant in issues we care about. Water wars and fish kills are examples of issues that we can address as a professional society. I charged the Environmental Concerns Committee to take on some issues, like environmental flows, and develop something around which we as a society can embrace and stand behind. Keep an eye out for an opportunity to get engaged in issues like these in the future. In short, we need to be a better (louder?) advocate for the fisheries resources of the state and there's no better way to do that than get involved.

Speaking of involvement...you'll see in this newsletter a call for volunteers to serve as an officer to this society. This organization relies on volunteers to conduct its work. While it can be a non-trivial amount of work at times, it's also very rewarding. The best way for the society to be relevant to you is to have you volunteer your time to make the society relevant. It's like the adage, the more you give the more you receive. Please, nominate someone, including yourself, for office of President-elect, Secretary-Treasurer, or as head of one of the committees (I nominate myself for office of Past-President). You'll be glad you did.

- **Jim Long- el Presidente**

#### ***Activities***

##### **Kevin Stubbs**

US Fish and Wildlife Service  
9014 East 21<sup>st</sup> St.  
Tulsa, OK 74129  
(918) 382-4501  
Kevin\_Stubbs@fws.gov

#### ***Awards and Nominations***

##### **Josh Johnston**

OK Dept. Wildlife Conservation  
PO Box 1201  
Jenks, OK 74037  
(918) 299-2334  
Johnston\_odwc@hotmail.com

#### ***Continuing Education Comm.***

##### **Dan Shoup**

Oklahoma State University  
008 Ag Hall  
Stillwater, OK 74078  
(405)744-9671  
Daniel.Shoup@okstate.edu

#### ***Environmental Concerns Comm.***

##### **Randy Parham**

OK DEQ  
PO Box 1677  
Oklahoma City, OK 73101-1677  
(405) 702-1026  
Randy.Parham@deq.ok.gov

#### ***Fundraising***

##### **Bill Wentroth**

OK Dept. Wildlife Conversation  
417 S. Silverdale Lane  
Ponca City, OK 74604  
(580) 762-2248

#### ***Student Concerns***

##### **Shannon Brewer**

Oklahoma Cooperative Fish and Wildlife Research Unit  
007 Ag Hall  
Stillwater, OK 74078  
Shannon.Brewer@okstate.edu

## **COMMITTEE REPORTS**

#### **Activities –Kevin Stubbs**

The activities committee has nothing new to report. We will be seeking ideas for activities for the annual meeting, and can help organize and implement any activities for the meeting.

#### **Continuing Education – Dan Shoup**

Last winter the Continuing Education Committee sponsored a workshop on Electrofishing theory and standardization. With the annual chapter meeting being held in conjunction with the Texas Chapter this year, we will be coordinating with the joint EXCOMs to determine if we can host workshops this year, and if so, what topics would be beneficial to both groups. As always, the committee would love to have input from any member that has a topic they would like us to consider for a future continuing ed opportunity. Please contact Dan Shoup ([dshoup@okstate.edu](mailto:dshoup@okstate.edu)) if you have any suggestions.

#### **Environmental Concerns – Randy Parham**

No new information to report.

#### **Fundraising –Bill Wentroth**

The committee has not met since the joint meeting with Texas will be in 2014. As you know this committee is responsible for door prizes and most importantly, the Auction! This activity raises funding primarily for the Student Travel Awards. It is always a fun get together for the camaraderie, heckling and boasting of the fantastic purchases from the group! You will also see items that have never been seen before! A sling bow or maybe even the Amazing Wonder Boner? As meeting time approaches, please try to bring something of value for the auction, so keep your eyes open and more information will be available as the meeting get closer!

**Student Concerns Committee –Shannon Brewer**

We are currently soliciting ideas to support interactions with professionals and professional development for students at the upcoming joint AFS meeting. We will visit the venue for the meeting soon and be better able to evaluate the feasibility of different events.

**Nominations and Awards Committee –Josh Johnston**

**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. Deadline for application submittal is December 1<sup>st</sup>, 2013. 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***

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 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. I have yet to receive a nomination for this award. 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. I have not yet received a nomination for either of these positions. Nominations can be submitted to Josh Johnston at Johnston\_odwc@hotmail.com.

# **UPCOMING MEETINGS AND EVENTS**

## **Southeastern Association of Fish and Wildlife Agencies (SEAFWA)**

### **Meeting Information**

When: October 13-16, 2013

Where: Renaissance Hotel Oklahoma City

10 N Broadway Ave

Oklahoma City, OK 73102

800-468-3571

<http://www.seafwa.org/conferences/2013/index.html>

## **Oklahoma Governor's Water Conference**

### **Meeting Information**

When: October 22-23, 2013

Where: Sheraton-Reed Conference Center

Midwest City, OK

<http://www.owrb.ok.gov/news/waterconference.php>

## **Southern Division of the American Fisheries Society (SDAFS)**

### **Meeting Information**

When: January 22-26, 2014

Where: Francis Marion Hotel

387 King Street,

Charleston, SC 29403

<http://sdafs.org/meeting2014/>

## **Oklahoma Chapter of the American Fisheries Society (OKAFS)**

### **Meeting Information**

- Joint meeting with the Texas Chapter

When: February 13-15, 2014

Where: Tanglewood Resort

290 Tanglewood Circle

Pottsboro, TX 75076

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.

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## OKLAHOMA AFS MEMBERSHIP FORM

NAME: \_\_\_\_\_  
(last) (first)

AFFILIATION: \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_  
(Dept, Bldg, Office, Street, PO Box, Route, etc.)  
\_\_\_\_\_  
(City) (State) (Zip)

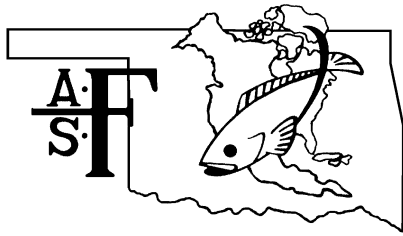
DAY PHONE: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

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](mailto:mmauck@simplynet.net)



# OKLAHOMA STUDENT CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 33(2) **THE LATERAL LINE STUDENT SUPPLEMENT** October 2013

## *President*

### **Shelby Parker**

OK Student Chapter AFS  
008 Ag Hall  
Oklahoma State University  
Stillwater, OK 74078  
Shelby.Parker10@okstate.edu

## *Vice-President*

### **Katelynn Gifford**

OK Student Chapter AFS  
008 Ag Hall  
Stillwater, OK 74078  
Katelynn.Gifford@okstate.edu

## *Secretary-Treasurer*

### **Kristopher Stahr**

OK Student Chapter AFS  
008C Ag Hall  
Stillwater, OK 74078  
Kristopher.Stahr@okstate.edu



## **PRESIDENT'S MESSAGE**

The Oklahoma State University student subsection would like to thank the Oklahoma Chapter for a monetary donation that helped us host "The Great Plains Student Colloquium". The colloquium was a two day event held in February 2013 at the Oklahoma University Biological Research Station. The donation, along with a donation from the American Fisheries Society (AFS) Education Section, made it possible to waive room and board of all attendees, which provided assistance to students that attend universities outside of Oklahoma. Both undergraduate and graduate students presented research on aquatic related topics and for some it was their first scientific presentation. The event was well received and made possible by the generosity of the Oklahoma Chapter and for that, thank you!

For this year, the student subsection of AFS has a number of goals. One of our primary objectives is to get more undergraduate students involved in fisheries and in AFS. During my college experience, university clubs have always been the best way to network with professionals and students. We are hoping to send students to as many meetings as possible. We are also planning to hold a series of mini techniques demos. We think it is important for undergraduates to learn these skills early on in college. It gives them time to get better at them and time to expand their knowledge. By doing this, students will be more competitive and hopefully increase chances with future employment opportunities (i.e., jobs or internships). Moreover, we are planning to pursue future fundraising opportunities. The research ponds at Lake Carl Blackwell are being renovated and their heavy equipment cannot clean out the 12, 1x1m drains. The subunit, with shovels in hand, will dig them out!!!! Other plans include teaching students how to get into graduate school, working with other NREM clubs on projects, a possible fishing tournament, and much more.

If other schools want to get involved with anything going on, please feel free to contact me (*Shelby.Parker10@okstate.edu*). We would love to have you come out or to keep you updated with what is going on in the chapter.

Shelby Parker  
OSU Student Sub-unit President

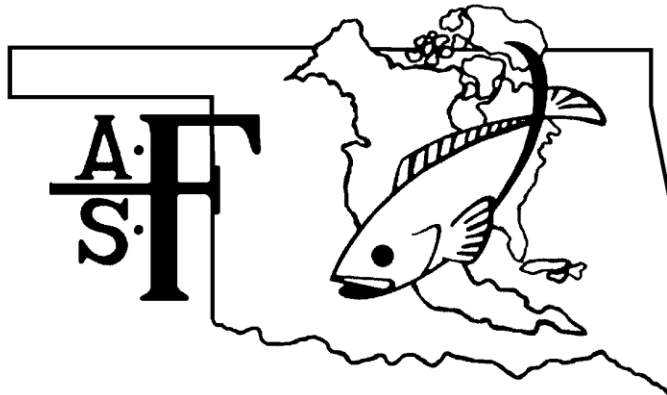
## STUDENT CHAPTER PRESENTATIONS

- **Dyer, J.J.** & Brewer, S.K. 2013. Distribution of endemic crayfish species at multiple spatial scales, Southern Division AFS meeting, Nashville, TN. Oral presentation.
- **Dyer, J.J.** & Brewer, S.K. 2013. Interactions of burrowing ability, sedimentation and water withdrawals on Ouachita Mountain Crayfish. Student Water Conference, Stillwater, OK, Poster.
- **Dyer, J.J.** & Brewer, S.K. 2013. Movement responses of crayfish to stream drying. National AFS meeting, Little Rock, AR, Oral presentation.
- **Dyer, J.J.** & Brewer, S.K. 2013. Mudbug digging performance: Effects of increased deposited sediment and water withdrawals. Oklahoma Clean Lakes and Water Conference, Stillwater, OK, Oral presentation.
- **Farless, N.**, and S. Brewer. 2013. Analyzing benthic community metabolism among different hydraulic channel units in an Ozark stream. Clean Lakes and Watersheds Association Conference, Stillwater, Oklahoma. Poster.
- **Farless, N.**, and S. Brewer. 2013. Does habitat heterogeneity or substrate composition influence benthic community metabolism? Student Water Conference, Stillwater, Oklahoma. Poster.
- **Farless, N.** and S. Brewer. 2012. The influence of hydraulic channel units and substrate composition on benthic community metabolism. State Meeting of the American Fisheries Society, Stillwater, Oklahoma. Oral Presentation.
- Kaemingk, M.A., **K.J. Stahr**, J.C. Jolley, and D.W. Willis. 2013. What happened to the master angler bluegills in Pelican Lake, Nebraska: Revisited from an early life history perspective. 44th Annual Meeting, Nebraska Chapter of the American Fisheries Society, Gretna, NE.
- Kaemingk, M.A., **K.J. Stahr**, J.C. Jolley, and D.W. Willis. 2012. Uncovering recruitment bottlenecks in a Great Plains bluegill population. 73rd Annual Midwest Fish and Wildlife Conference, Wichita, KS.
- Pennell, A., **K.J. Stahr**, and D.E. Shoup. 2013. Food availability for juvenile largemouth bass in stands of American water willow, *Justicia americana* and southern naiad, *Najas guadalupensis*. 10th Annual Graduate Research Symposium for the Biological Sciences, Oklahoma State University, Stillwater, OK.
- **Stahr, K.J.** and D. E. Shoup. 2013. The role of aquatic macrophytes in mediating predation risk of juvenile largemouth bass. 143rd Annual Meeting, American Fisheries Society (Reservoir Habitat Symposium), Little Rock, AR. Invited presentation.
- **Stahr, K.J.**, M.A. Kaemingk, and D.W. Willis. 2013. Factors affecting selection of nesting habitat by bluegills within a natural lake. 22nd Annual Meeting, Oklahoma Clean Lakes and Watersheds Association Conference, Stillwater, OK.
- **Stahr, K.J.** and D.E. Shoup. 2013. Can planting water willow reduce predation on juvenile largemouth bass? 22nd Annual Meeting, Oklahoma Clean Lakes and Watersheds Association Conference, Stillwater, OK.
- **Stewart, D.R.**, and J.M. Long. 2013. Density dependence affects growth of stocked channel catfish as revealed by stable isotope analysis. *In*: Program and abstracts of the Annual National American Fisheries Society Meeting, Little Rock, AR.
- **Stewart, D.R.**, and J.M. Long. 2013. Influence of stocking and competing species on the trophic ecology of channel catfish in Oklahoma reservoirs. *In*: Program and abstracts of the Great Plains Student Colloquium, Kingston, OK.
- **Stewart, D.R.**, and J.M. Long. 2013. Influence of stocking and competing species on the trophic ecology of channel catfish in Oklahoma reservoirs. *In*: Program and abstracts of the American Fisheries Society Annual Southern Division Meeting, Nashville, TN.
- **Stewart, D.R.**, and J.M. Long. 2013. The use of Side-Scan sonar as a tool to map habitat in Oklahoma reservoirs. *In*: Program and abstracts of the Oklahoma Clean Lakes and Watershed Conference, Stillwater, OK.

## **STUDENT CHAPTER AWARDS**

- **Kris Stahr** – 2013. John E. Skinner Memorial Travel Award (AFS)
- **Kris Stahr** – 2013. Robert M. Jenkins Reservoir Research Scholarship (Southern Division of AFS)
- **Randy Stewart** - 2013. Skinner Memorial Award, American Fisheries Society National Division.
- **Randy Stewart** - 2013. Williams Distinguished Graduate Fellowship, Oklahoma State University.
- **Randy Stewart** - 2013. Murray-Gray Unit Service Award, Oklahoma Cooperative Fish and Wildlife Research Unit.
- **Randy Stewart** - 2013. Outstanding Fisheries Graduate Student, Oklahoma State University.
- **Randy Stewart** - 2013. Robert M. Jenkins Memorial Scholarship, American Fisheries Society Southern Division Reservoir Committee.





## **OKLAHOMA CHAPTER OF THE AMERICAN FISHERIES SOCIETY**

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### **THE LATERAL LINE**

Oklahoma Chapter, American Fisheries Society  
Oklahoma Student Chapter AFS, Newsletter Editor  
008 Ag Hall  
Oklahoma State University  
Stillwater, OK 74078