

# OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 32(1)

*THE LATERAL LINE*

September 2012

*President*

**Dan Shoup**

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

*Past-President*

**Jim Burroughs**

Oklahoma Department of Wildlife Conservation  
Aquatic Education-Eastern District (Central Division)  
3733 Hwy 48  
Holdenville, OK 74848  
(405) 325-7288  
jb\_odwc@hughes.net

*President-Elect*

**Jim Long**

Oklahoma Cooperative Fish and Wildlife Research Unit  
008 Ag Hall  
Stillwater, OK 74078  
longjm@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*

**Randy Stewart**

OK Student Chapter AFS  
040 Ag Hall  
Oklahoma State University  
Stillwater, OK 74078  
Randy.Stewart@okstate.edu

## PRESIDENT'S MESSAGE

There is a lot I could talk about given that we just had our largest state chapter meeting ever (thanks to all who helped with that!) and we are only a month or so away from our next meeting. However, I would like to use this forum to focus on the importance of getting involved in the professional community, specifically the various levels of AFS. I know from personal experience that it is hard to appreciate the benefits of involvement until you jump in and get involved. As a graduate student, I never really saw the usefulness of a professional society. It was simply something for which I had to pay money in order to have a line on my resume (everyone said would be important, so I did it). And frankly, because all I ever did was pay dues and occasionally attend a meeting (where I remained as anonymous as possible), there really was little to no benefit for me outside of the member discounts for meetings, books, and journal access.

However, as I have gotten more involved at various levels within AFS over the past decade (I am currently active in the Education and Fish Management Sections of the parent society, the Catfish and Reservoir Technical Committees at the Southern-Division level, and two committees here in the OK Chapter), I have learned the value of involvement and now see the professional society as the life-blood of any active fisheries professional. I have learned that our field is a very small community. Even the “giants” in our field are very approachable and down-to-earth people. The people who are really helping AFS make a difference in policy and the way fisheries are studied and managed are people just like you and me, and they need our help. I have gained immensely by seeing the perspectives of people in other types of fisheries positions (e.g., human

dimension/policy folks, people in academia, state agency folks, etc.). The people with which I interact on AFS committees have also been very helpful in providing insight and solutions to problems I have had (many of the groups have “round-table discussions” where you can bring your problems to seek input from the group...which is largely made up of very approachable experts). While I have often felt awkward as I first stepped out to become active in a new group, I have found every one of these groups was very welcoming. I have encouraged some of my students to attend these group’s meetings and have seen that they were similarly welcomed. Whether you are an undergraduate student receiving your first OKAFS newsletter today or you the Chief of Fisheries for ODWC (sorry Barry...I had to pick on someone☺), you have something to contribute to these groups, and there is so much for you to gain from them as well. Membership is not enough...you need to get involved to receive any real benefit from AFS.

Last year, the OK chapter EXCOM, under Jim Burroughs’s leadership, decided to push for greater member involvement. This is something I would like to continue to encourage this year. As we discussed at last-year’s business meeting, we have created two new committees over the past year, a Student Concerns Committee and an Activities Committee. Both of these committees need members (thanks to those of you who have already agreed to help!). We also decided we should expand our current “committees” so that each one is made up of several members. (The “committees” have traditionally been composed of a single individual who “chaired” their one-man show...not much of a committee). This will provide broader perspective and should lighten the workload for committee activities. We are adding a brief description to the traditional list of committees in this newsletter (see below). This will let you know what the committee’s major activities are so you can determine which one(s) might be a good fit for your interests. As always, the committee chair’s contact information is given so you can contact them if you are interested in serving or if you have an issue with which the committee can help. Many of you who have expressed interest in one or more of these committees have probably already been contacted by the committee chairs (I asked committee chairs to do this last June so we can have full committees in place by our fall meeting). If you are interested in one of these committees but have not been contacted, please get in touch with the committee chair and ask to

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become a part of the committee.

The Parent Society and Southern Division have also been working hard to increase the involvement of state chapter members at the higher levels of AFS. I know that membership in the parent society can seem like a lot of money, especially if you are a young professional at the bottom end of the pay scale (but you can get a “young professional” discount for several years after graduating). However, I assure you it will be worth it...if you not only join, but also actively participate in the many sections and technical committees (joining alone probably IS going to feel like a waste of money...). If you never get involved, I suspect you will never really see the benefits of our professional society (at least I never did until I became active). But if you can get involved in our state chapter, and try to occasionally attend Division and National meetings where you take the time to attend section and technical committee meetings, I think you will be amazed by how much you benefit. And I know these groups will benefit from your perspectives, ideas, and experiences as well...so get involved!

**--Dan Shoup, President**

***Activities, Fundraising, and Awards Committee***

**Kevin Stubbs**

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

***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.state.ok.us

# COMMITTEE REPORTS

## Activities and Fund Raising Committee –Kevin Stubbs

Committee Description: coordinates with meeting planner to plan social activities at the annual chapter meeting. This includes one or more “special events” (golfing, fishing, softball game, etc.), and helping to maintain snacks/drinks at the breaks and during socials.

This year we will have an outdoor social at Sanborn Lake on Tuesday, October 23. We will be holding the first (annual?) AFS student-professional softball tournament. Team captains are Randy Stewart (student team; [randy.stewart@okstate.edu](mailto:randy.stewart@okstate.edu)) and Curtis Tackett (professional team; [ctackett@odwc.state.ok.us](mailto:ctackett@odwc.state.ok.us)), so if you're interested in playing, let one of the team captains know and what items you can bring (e.g., bats, ball, extra gloves). For those who are not interested in playing softball, we encourage you to root for your favorite team from the shaded bleachers or enjoy one of the other numerous activities such fishing, hiking, croquet, horseshoes, poker, etc. For dinner that night we will provide a light meal (sandwiches and chips) served in the air-conditioned Izaak Walton League Building next to the lake (the building is also available during the afternoon if you want to get out of the sun). And of course, we will tap a keg, which we can bring back to the hotel after the outdoor social ends (around 9pm) to continue the socializing. We are providing bus service to and from the hotel and the park (only 1 pickup and return time so don't miss the bus!). Exact times will be posed later on the OK AFS registration site (<http://nrem.okstate.edu/shouplab/okafs>), but probably will go from 3pm to 9pm (but stay tuned in case we need to change this). If you miss the bus or need to drive separately, the location of the park can be seen in [this Google map](#). So be prepared for some outdoor fun to enjoy catching up with your fellow AFS'ers on Tuesday afternoon and evening. In case of rain, we will host activities in the meeting rooms at the hotel. If you've got a fun outdoor game to bring, let Jim Long ([longjm@okstate.edu](mailto:longjm@okstate.edu)) know.

## Environmental Concerns – Randy Parham

Committee Description: Research and provide position statements/resolutions to be approved by the chapter membership in support of responsible natural resource management for issues of importance to Oklahoma aquatic and fisheries resources.

No new information to report.

## Continuing Education – Dan Shoup

Committee Description: Provide educational opportunities to the chapter membership. This most often is in the form of a workshop provided during the annual meeting, but could include other activities as well.

The committee is busy planning a workshop for this fall's annual meeting. This year's workshop will be on electrofishing theory and power standardization. A second topic that is being considered for a future meeting is the use of social networking (Facebook, Google+, Twitter, etc.) in fisheries. We would love to hear your feedback on the social networking topic or other suggestions you may have for future topics. I would also like to welcome new committee members Ashley Nealis, Cliff Sager, and Jason Schooley...thanks for agreeing to serve!

## Fundraising Committee –Bill Wentroth

Committee Description: conduct the silent auction and other activities (e.g., “scale the carp” game) to raise funds to support student scholarships. This includes working to secure donations and/or purchase items to be used in the auction.

No new information to report.

## Student Concerns Committee –Shannon Brewer

Committee Description: Assist with the professional development and other needs of undergraduate and graduate student members of the state chapter. This includes workshops, student-mentor lunches, and/or other activities at the annual chapter meeting.

No new information to report.

## Nominations and Awards Committee –Josh Johnston

Committee Description: Recognize the outstanding contributions by state chapter members to the field of fisheries. This includes soliciting award nominees and evaluating the resulting candidates to decide who will receive awards given by the state chapter.

## **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 Nominating 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:

Awards Committee Chair, Josh Johnston

9097 N. 34th St. West, Porter, OK. 74454 or email Josh at [Johnston\\_odwc@hotmail.com](mailto:Johnston_odwc@hotmail.com) for more information and to obtain the appropriate application forms (they might be found at [http://www.sdafs.org/okafs/chapter\\_awards.htm](http://www.sdafs.org/okafs/chapter_awards.htm)).

Deadline to apply is **October 1, 2012**. This is an earlier deadline than usual as this year's meeting will be held at an earlier date. Don't miss out on this opportunity!

### ***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

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justification now. All it takes is a letter from you to help give credit where credit is due.

## **UPCOMING MEETINGS AND EVENTS**

### **EARLY CALL FOR PAPERS/PRESENTATIONS**

#### **Meeting Information**

This year's annual meeting will be Tuesday 10/23/2012 – Thursday 10/25/2012 at the Quality Inn at 2515 West 6th Avenue (Rte 51) in Stillwater (same venue we used last year). This year's meeting will include an afternoon - evening social at Sanborn Lake (details below) on Tuesday in addition to our regular Wednesday - Thursday activities. The workshop this year will cover electrofishing theory and power standardization. When booking your hotel room, please call the hotel at [405-372-0800](tel:405-372-0800) and let them know you are with the AFS meeting (we must fill our block of rooms to get the conference rate on the meeting rooms, and you cannot book rooms in our block using the web site). Additional meeting information (including online registration) has been posted online at the OKAFS web site (<http://www.sdafs.org/okafs/>) and at <http://nrem.okstate.edu/shouplab/okafs>. If you have additional questions, please contact Dan Shoup at [dshoup@okstate.edu](mailto:dshoup@okstate.edu) or [405-744-9671](tel:405-744-9671).

#### **Online Registration**

We will again be using online registration. Advanced registration can be accessed at <http://nrem.okstate.edu/shouplab/okafs/> **Advanced registration will only be available until 10/5/2012**. Registration after that time will have a higher price (the point is to get an accurate head count for the caterer as we will pay extra for changes made after that date). Everybody with the ODWC will handle their registration internally...so if you are with ODWC, do not use the online system.

#### **Submitting an abstract for a talk**

To submit an abstract for a 20-minute oral presentation (including time for a brief question/answer session), please email the following to Jim Long at [longjim@okstate.edu](mailto:longjim@okstate.edu):

Title of paper.

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Names of all authors with an asterisk (\*)  
following the presenting author's name.  
Affiliation of authors (Agency, School, etc.)  
including address.

A brief abstract of no more than 250 words  
Use "OKAFS abstract submission" as the  
subject line of your email

**Abstracts are due by 10/05/2012.**

**2012 SPRING OKAFS MEETING MINUTES**  
**02-08-12**  
**Quality Inn, Stillwater, OK**

- I. Call to Order – J. Burroughs
- Words of appreciation to D. Shoup for planning the current meeting

- II. Discussion of Minutes from 2011 Business Meeting
- Motion to approve (G. Summers, J. Long 2<sup>nd</sup>), motion carried

Discussion of Excom Meeting

- New business items discussed which will be further described in new business.
- Elimination of 2 and 3 year membership options for ease of record keeping

- III. Presentation of Treasurer's Report
- Status of money market and mutual funds
  - G. Summers pointed out that Jimmie Pigg would be proud to see the mutual fund that he helped establish is now fully supporting a student travel scholarship annually

Presentation of Committee Reports

- Activities/Fundraising:
  - o Will discuss in new business
- Continuing Education :
  - o D. Shoup encouraged suggestions for future topics
  - o Fish health workshop hosted during the Spring 2012 meeting
  - o Future topics may include electrofishing standardization or general fish biology metrics
- Environmental Concerns:
  - o No update

SDAFS update: G. Summers represented current SDAFS president B. Murphy

- o Discussion on Southern Division structure and function
- o Various committees and current chairs
- o Historical look at how Division funding and state travel opportunities have effected the way we function
- o Discussed the strengths and challenges for Chapters, Committees, and Communication

Website update

- o No changes, request for ideas on content

- IV. Unfinished Old Business
- Jimmie Pigg Travel Scholarship (T. Patton)
    - o Revisited unfinished discussion from the 2011 meeting regarding usefulness of travel budget within application. Due to low numbers of applicants it was decided to remove the budget requirement and maintain current procedure.
  - Pond management booklet (G. Gilliland)
    - o Reported that Ty Harper will be updating the pond management book
    - o Logistics regarding printing and web content will be discussed at a later date.

Conclusion of Old Business – Meeting turned over to D. Shoup

## V. New Business

- Creation of Student Concerns Committee – D. Shoup (no motion required)
  - o Shannon Brewer assigned to chair committee
  
- Restructuring of officer duties – D. Shoup
  - o Current duties are overwhelming for the incoming President-Elect
  - o Presentation of ideas to consider and suggested options
  - o Discussion ensued and decided to leave to the discretion of Excom. Try out recommended option, report to membership, and then make recommendation.
  - o Motion made by G. Summers (J. Johnston 2<sup>nd</sup>) – motion carried
  - o T. Patton suggested a guidance document for incoming officers
  - o G. Summers reminded the group about the SDAFS meeting procedural manual
  
- Committee Representatives– D. Shoup
  - o Awards chair – J. Johnston
  - o Fundraising chair – B. Wentroth
  - o Environmental Concerns chair – R. Parham
  - o Student Concerns – S. Brewer
  - o Activities – K. Stubbs, B. Ray, J. Burroughs (J. Barfield and C. Tackett will assist)

## Election of New Officers

- Nominations for President-Elect
  - o Jim Long (self-nomination)
  - o Motion for nomination to cease – G. Summers (G. Gilliland 2<sup>nd</sup>) – motion carried

## Other Business

- Requests for various committee financial support
  - o Warmwater Streams Committee requested donation from state chapters to establish self-sustaining fund to support annual Jimmie Pigg Travel Scholarship. Supportive comments were made as Jimmie Pigg was from Oklahoma and this award is consistent with his passion.
    - Motion to make one-time contribution of \$500 - K. Kuklinski (G. Gilliland 2<sup>nd</sup>) – motion carried
  - o Black Bass Conservation Committee (ad-hoc) requested donation for symposium.
    - Motion to make one-time contribution of \$500 – J. Long (G. Summers 2<sup>nd</sup>) – motion carried
  - o Small Impoundments Committee (SIC) requested donation from state chapters to support printing costs of publication
    - Motion to make one-time contribution of \$500 – G. Gilliland (D. Bowen 2<sup>nd</sup>) – motion carried
    - Following the business meeting it was discovered that the OKAFS chapter had already donated to this same effort preceding year. Excom decided not to support the same effort twice.
  - o Donation request in support of 2013 SDAFS meeting in Nashville. No motion of support made.
  
- Discussion on hosting future SDAFS Spring Meeting
  - o Motion for OKAFS to submit our chapter to host the 2016 SDAFS Spring Meeting – K. Kuklinski (R. Stewart 2<sup>nd</sup>) – motion carried
  - o Kurt is working on formal bid details.
  
- Timing of meeting
  - o G. Gilliland suggested the meeting be scheduled for a time of year that would support more opportunities for outdoor activities.
    - Motion to have the next meeting during Fall of 2012 – B. Bristow (G. Summers 2<sup>nd</sup>) – motion carried

- Online meeting registration
  - o D. Shoup asked for feedback on how this worked for registration. EXCOM will likely utilize a similar system for the coming fall meeting.

#### Awards

- Jim Schooley Best Student Paper
  - o Michael Gatlin – Analysis of Lee Creek’s substrate using side scan sonar technology and GIS
- President appreciation
  - o Jim Burroughs
- Jimmie Pigg Student Travel Scholarship (\$1,000)
  - o Candice Miller
- Fisheries Worker of the Year
  - o Jim Burroughs
  - o Other nominations were read to acknowledge those individuals

Motion to Adjourn – G. Gilliland (J. Burroughs 2<sup>nd</sup>) – motion carried



**OKLAHOMA CHAPTER - AMERICAN FISHERIES SOCIETY**  
**2012 Mid-Year**  
**TREASURER'S REPORT**

| <u>Starting Balance as of 1/1/2012</u> | Amount             |
|--|--------------------|
| Checking Account                       | \$4,837.20         |
| Mutual Funds                           | \$15,364.84        |
|  | <b>\$20,202.04</b> |

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**Checking Account Activity (1/1/12 - 6/29/12)**

| <u>Credits:</u>   | Amount            |
|---|-------------------|
| Registration from 2012 Spring Meeting:                        |                   |
| Pre-registration (on-line)                                    | \$1,416.20        |
| ODWC Meeting Registration                                     | \$2,565.00        |
| Late registration (at-the-door)                               | \$530.00          |
| Fundraisers:  |                   |
| Silent Auction  | \$1,848.00        |
| Scale-the-carp  | \$95.00           |
| OKAFS Chapter Dues (collected at meeting)                     | \$280.00          |
| OKAFS Chapter Dues and Rebate (collected from Parent Society) | \$155.80          |
| Interest on checking account                                  | \$0.03            |
| Total Credits   | <b>\$6,890.03</b> |

Expenses:

|  |                   |
|--|-------------------|
| Meeting Costs (Spring 2012):                         |                   |
| Texas Roadhouse (banquet catering)                   | \$1,964.20        |
| Quality Inn (rental of meeting rooms)                | \$217.50          |
| Midwest Trophy (2012 year plaques)                   | \$104.01          |
| Midwest Trophy (additional plaque)                   | \$36.32           |
| Joey Schmitt (misc. meeting costs)                   | \$183.41          |
| Matt Mauck (misc. meeting costs)                     | \$11.58           |
| Daniel Shoup (misc. meeting costs)                   | \$651.10          |
| Support:   |                   |
| Candice Miller (travel scholarship)                  | \$1,000.00        |
| OSU Student Subunit for annual support               | \$1,000.00        |
| SDAFS - Warmwater Streams Committee (donation)       | \$500.00          |
| SDAFS - Black Bass Conservation Committee (donation) | \$500.00          |
| Total Expenses:                                      | <b>\$6,168.12</b> |

|   |            |                   |
|---|------------|-------------------|
| <b>Checking Account Balance (6/29/12)</b> |            | <b>\$5,559.11</b> |
|   | Net Change | \$721.91          |

|                                       |            |                    |
|---------------------------------------|------------|--------------------|
| <b>Mutual Funds Balance (6/29/12)</b> |            | <b>\$16,204.83</b> |
|                                       | Net Change | \$839.99           |

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|  |  |                    |
|--|--|--------------------|
| <b>Total Defined Assets and Mutual Funds 6/29/12</b> |  | <b>\$21,763.94</b> |
|--|--|--------------------|

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, South Central Office, 2021 Caddo Hwy.Caddo, OK 74729;  
mmauck@simplynet.net, 580-924-4087.



# OKLAHOMA STUDENT CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 32(1) ***THE LATERAL LINE STUDENT SUPPLEMENT*** September  
2012

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## ***President***

### **Randy Stewart**

OK Student Chapter AFS  
040 Ag Hall  
Oklahoma State University  
Stillwater, OK 74078  
Randy.Stewart@okstate.edu

## ***Vice-President***

### **Joey Dyer**

OK Student Chapter AFS  
040 Ag Hall  
Stillwater, OK 74078  
jjdyer@ostatemail.okstate.edu

## ***Secretary-Treasurer***

### **Heather Frost**

OK Student Chapter AFS  
008C Ag Hall  
Stillwater, OK 74078  
hhfrost@ostatemail.okstate.edu



## **PRESIDENT'S MESSAGE**

Some, if not many of us, have held a position within the American Fisheries Society (AFS). That could range from web czar of the student subunit to high ranking positions within AFS. With focus on the student subunit, many of the positions are great CV builders and these positions are highlighted as a means to compete for awards and jobs. I had only associations with two (Tennessee Tech University and University of Florida) subunits prior to my appointment at Oklahoma State University (OSU). I was intrigued about the various responsibilities, functions, and duties of officers/ members within the group. What exactly are these duties? What are the responsibilities of the members? My perception centered on meetings that comprised much of the events throughout the semester, pizza provided, and the topic of discussion is recognition by t-shirt or hat. That was the extent of it. No more no less, but yet holding positions within the student subunit seemed like so much more on paper.

I never had the intention or drive to hold a position and I mostly thought it was a waste of time. I did wonder what the capabilities of the student subunit were given a small amount of effort. Surrounded by a great supporting and motivated cast, we started with small accomplishments that comprised t-shirts and outdoor events. In years past our student subunit was left with excess t-shirts and we are now looking to order more. The events went from fishing at Lake Sanborn to now performing public outreach at the upcoming wildlife expo. The culmination of small successes extended our efforts to a slightly bigger goal. We wanted to increase the number of fisheries related talks within the Natural Resources Ecology and Management Seminar Series. We invited three speakers to OSU and the breadth of talks and expertise was extreme.

Brandon Brown (ODWC) provided outstanding underwater footage and knowledge of Oklahoma ichthyofauna; Dr. George Benz (Middle Tennessee State University) featured past projects focused on Greenland Sharks; and Dr. Charles Rabeni (University of Missouri) completed the seminar series with a talk accentuating proximate and ultimate factors that structure fish assemblages in lotic environments. **Dr. Tim Grabowski** (Texas Tech University) has now committed to providing a talk on **27 September at 3:00 pm in Ag Hall Room 201**. We decided to help tackle an even bigger and more important feat by participating in Relay for Life at OSU. We proposed to raise \$500.00 and I am proud to say that we exceeded our goal and we have many to thank for their time and donations. We ended our night at Relay for Life by providing an Oklahoma AFS T-shirt to a more than thankful cancer survivor. We continued from that night and, thanks to Bill Wentroth and the ODWC Ponca City office, we conducted a kids fishing clinic at Lake Sanborn, Stillwater. We provided instruction on how to bait a hook, remove caught fish, and “attempted” to stress the importance of safety when it comes to casting.

I have been at OSU for three years and I have taken notice at attempts to increase numbers and involvement of undergraduates in AFS. Our undergraduate base has increased substantially and that can be contributed to only one causal relationship. The number of fishery graduate students has increased and many offer volunteer and some even offer paid positions. Undergraduates from different disciplines now hold these positions and a few are pursuing

undergraduate projects with much invigoration. The importance of these positions should not be overemphasized. Understanding patterns and processes that govern aquatic systems can only be recognized through both education and experience. One without the other is useless and that can affect designs of future projects, interpretation of results, and overall success as an aquatic scientist. I attribute much of my understanding of fisheries to the experiences gained from working with the Tennessee Wildlife Resources Agency, Florida Fish and Wildlife Research Institute, and pursuing countless side projects. Even still, the truth acquired is approximate and one approximate answer will only lead to a multitude of questions. Without having those experiences one will not develop the ability to recognize those future questions. Eventually you understand that you know nothing about reality but you may approximately understand a scale specific pattern. The breadth of science is extreme and the simple paradigm of “stock and shock” is over. I highly recommend aspiring undergraduate scientists to contact faculty about volunteer and internship opportunities. The sooner the better!!!

The growth of the student subunit has been noteworthy and we have decided to establish student subunit positions at Northeastern State University and Southeastern State University. The positions will be titled “Student Representatives” and their duties were established to help coordinate and participate in student activities. Having a student representative at each institute could spur collaborations, voice concerns, and aid in scheduling events (i.e., Student Colloquium’s and Fisheries Techniques Demo’s).

One of the major goals of the student subunit is to host a “Student Colloquium.” The colloquium provides a low pressure environment in which peers (i.e., fellow students) constitute the audience. This provides a platform in which students can present proposals and preliminary and/ or finished data. We are still in the planning stages and nothing has been finalized but we hope to provide more information very soon.

A few of our members have moved on and I would like to take a moment to acknowledge their accomplishments. Joey Schmitt (graduated May 2012) and Mike Porta (graduated December 2011) have recently completed their respective master’s programs. Joey Schmitt’s thesis was centered on “Post-hooking mortality of blue catfish *Ictalurus furcatus* caught by jugfishing.” Joey has since accepted a PhD position with Dr. Don Orth at Virginia Tech University. Mike Porta’s

thesis highlighted “The affects of a trout tail-water on shoal bass *Micropterus cataractae* age, length, and growth.” Mike now works as a fisheries biologist (II) for the Pennsylvania Boat and Fish Commission. Both of these students will be successful and we wish them nothing but the best. We also would like to wish the best of luck to Richard

Moore, University of Oklahoma, and Michael Schwemm, Oklahoma State University, as they are both close to completing requirements for their doctoral degrees.

See you at the meeting.

Cheers and best fishes,  
Randy Stewart  
OSU Student Sub-unit President

## 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 Sothern 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.*

- **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.*

## TREASURER'S REPORT

9/28/2010

### TILL ACCOUNT

|                         |   |                  |
|-------------------------|---|------------------|
| <b>Starting Balance</b> |   | <b>\$ 260.00</b> |
| <hr/>                   |   |                  |
| Debits                  |   |                  |
|                         | Monthly Meeting refreshments              | \$ 217.96        |
|                         | Seminar Refreshments                      | \$ 99.75         |
|                         | AFS Registration                          | \$ 23.00         |
|                         | State Meeting Student Reimbursement       | \$ 40.00         |
|                         | Student Mentor Lunch with Dr. George Benz | \$ 72.08         |
|                         | <b>TOTAL</b>                              |                  |
| Credits                 |   |                  |
|                         | Student Dues                              | \$ 25.00         |
|                         | Cash added from OKAFS Checking Account    | \$ 300.00        |
|                         | <b>TOTAL</b>                              | <b>\$ 325.00</b> |
| <hr/>                   |   |                  |
| <b>Ending Balance</b>   |   | <b>\$ 132.21</b> |

### OKAFS STUDENT CHECKING ACCOUNT

|                         |   |                    |
|-------------------------|---|--------------------|
| <b>Starting Balance</b> |   | <b>\$ 3,965.23</b> |
| <hr/>                   |   |                    |
| Debits                  |   |                    |
|                         | Cash Withdraw for Till Account            | \$ 300.00          |
|                         | Seminar Refreshments                      | \$ 74.60           |
|                         | Stillwater Screen Printing (AFS T-Shirts) | \$ 567.68          |
|                         | Subway (seminar refreshments)             | \$ 40.23           |
|                         | Seminar Speaker Dr. George Benz           | \$ 400.70          |
|                         | <b>TOTAL</b>                              | <b>\$ 1,383.21</b> |
| Credits                 |   |                    |
|                         | OKAFS                                     | \$ 1,000.00        |
|                         | <b>TOTAL</b>                              | <b>\$ 1,000.00</b> |
| <hr/>                   |   |                    |
| <b>Ending Balance</b>   |   | <b>\$ 3,582.02</b> |

### OSU ACCOUNT

|                         |              |                  |
|-------------------------|--------------|------------------|
| <b>Starting Balance</b> |              | <b>\$ 415.69</b> |
| <hr/>                   |              |                  |
| Debits                  |              |                  |
|                         | No Activity  |                  |
|                         | <b>TOTAL</b> |                  |
| Credits                 |              |                  |
|                         | No Activity  |                  |
|                         | <b>TOTAL</b> |                  |
| <hr/>                   |              |                  |

**Ending Balance** **\$ 415.69**

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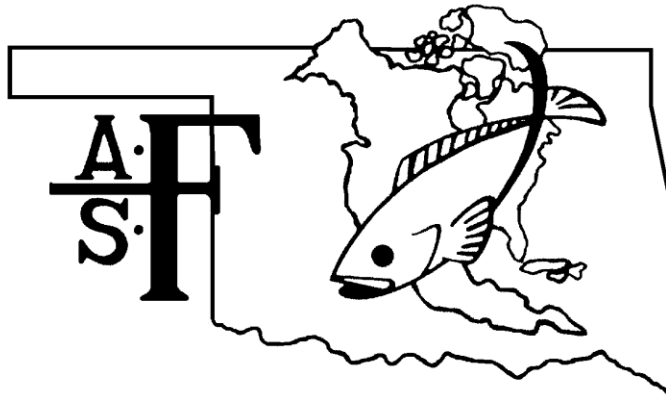
**SUMMARY**

|  |                    |
|--|--------------------|
| TILL BALANCE                           | \$ 132.21          |
| OKAFS STUDENT CHECKING ACCOUNT BALANCE | \$ 3,582.02        |
| OSU ACCOUNT BALANCE                    | \$ 415.69          |
| <hr/>                                  |                    |
| <b>OKAFS STUDENT CHAPTER BALANCE</b>   | <b>\$ 4,129.92</b> |

**JIMMIE PIGG STUDENT TRAVEL SCHOLARSHIP**

See pages 3-4 above for more information.





## **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