

OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 32(1)

THE LATERAL LINE

December 2011

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PRESIDENT'S MESSAGE

During the last couple of years as President-elect, and now as President, I've become increasingly aware of the politics that we as fisheries scientists and managers more commonly call fisheries biology. I've known for years that managing fish is more about managing people than fish, but that concept has never been more apparent than now. The issues of selling water to other states, application of chicken litter and the impact to our waters, tribal rights to waters, a summer of record-high temperatures and peak power demands of hydropower and their effect on downstream fisheries, and the "blame game" that is the relationship between Southwest Power and the Corps of Engineers, just to name a few of the issues that we as fishery biologists deal with daily to try to better manage our fisheries populations and represent our constituents. Reaching management goals and objectives often requires that we spend substantial time developing good relationships with all our constituents and less time on the water. This strategy is not one that I was excited to learn existed. In my early years with the Oklahoma Department of Wildlife Conservation, I enjoyed working on the lake conducting various sampling techniques and enjoying every minute of it. Well, okay, most every minute of it with the exception of gillnetting in the winter with frozen nets and ice covering everything in the boat. My predecessor even loved that part. He used to say, "Now this is gill nettin' weather." I don't think he would have enjoyed what has now become an essential part of

fisheries management--politics. ODWC negotiates daily for water releases to maintain the trout fishery below Tenkiller Reservoir. No water has ever been allocated to maintain the federally mandated mitigation of trout stocking in the lower Illinois River. Developing relationships and contacts remains an integral part of securing water for this stream. I suspect most biologists have similar struggles. I was recently asked at a presentation to a civic group what is the biggest challenge I face as a fisheries biologist. I told the group it had to be water. The lack of water and the degradation of water quality will be my greatest challenge as a biologist. Securing access to water is and will continue to be, a political struggle. Since I personally have no water rights, I will have to rely on others to provide my lakes and streams with both quantity and quality of water to support the fisheries that I have been charged with managing. The political component of fishery management is not one that I particularly enjoy but it is one that all biologists must learn to accept and even embrace to help manage our waters to their greatest potential. The upcoming Oklahoma Chapter of the American Fisheries Society meeting in February is an opportunity for students and professionals alike to begin to develop relationships with various agency contacts. Developing these contacts could be the most important step towards fishery management you may ever make. I hope everyone will make attending the upcoming meeting a priority and I would like to thank each of you that attended our snow-delayed meeting last year. Anyone who has ever served or will serve as an officer deserves our gratitude. Thanks to all who have made my job easier.

Jim Burroughs, President OKAFS

Activities, Fundraising, and Awards Committee

Josh Johnston

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Continuing Education Comm.

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Environmental Concerns Comm.

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COMMITTEE REPORTS

Activities and Fund Raising Committee – Josh Johnston

Greetings all. As chairman of the activities and fund raising committee I would like to take this opportunity to ask for assistance. 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. Thanks for your assistance.

Environmental Concerns – Randy Parham

No new information to report.

Continuing Education – Dan Shoup

This year's annual meeting will include a workshop on common issues in fish disease and fish health. It will cover issues from the prospective of both hatchery work and natural populations in the field. The workshop is being led by two faculty members from the OSU Veterinary Medicine College that specialize in Zoo and wild animal medicine.

I would also be interesting in receiving input on a possible electrofishing workshop to be held sometime in the future. This could include a lecture series on electrofishing theory, including recently published information about the proper way to standardize power applied to the fish (so CPUE is comparable when fishing in systems with different water conductivity). We could also include a "lab" component where participants could bring their boat to have measurements taken to calibrate a standard output table. If there is sufficient interest in this, we might consider doing this some spring/summer when the weather is nice enough to be outside for the lab portion. Please provide feedback so I can gauge the potential interest in this topic.

Nominations and Awards Committee –

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

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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 the Awards Committee Chair, Josh Johnston at

9097 N. 34th St. West, Porter, OK. 74454 (918) 683-1031 or email Josh at johnston_odwc@hotmail.com for more information and to obtain the appropriate application forms. Deadline to apply is **January 1, 2012**. Don't miss out on this opportunity!

Outstanding Oklahoma Fisheries Worker of the Year-

The Nominations and Awards Committee is now 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. All it takes is a letter of nomination and a justification as to why the person is deserving of this award. All nominations should be e-mailed to Josh Johnston at johnston_odwc@hotmail.com. **The deadline for submittal is January 1, 2012.** I look forward to seeing your nominations!

UPCOMING MEETINGS AND EVENTS

Announcement of the 2012 Annual Meeting of the Oklahoma Chapter of the American Fisheries Society.

This year's annual meeting will be Tuesday evening 2/7/2012 – Thursday afternoon 2/9/2012 at the Quality Inn at 2515 West 6th Avenue (Route 51) in Stillwater. Please call the hotel at 405-372-0800 and let them know you are with the AFS meeting when you make your reservation (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). **Advanced registration will be available on-line** (see <http://nrem.okstate.edu/shouplab/okafs2012>). **Advanced registration ends 1/20/2012 and your registration cost will be higher after that date.**

To submit an abstract for a 20-minute oral presentation (including time for a brief question/answer session), please email the following to Dan Shoup at dshoup@okstate.edu:

1. Title of paper.
2. Name of Authors with an asterisk (*) following the presenting author's name.
3. Affiliation of authors (Agency, School, etc.) including address.
4. A brief abstract of no more than 250 words.
5. Use "OKAFS abstract submission" as the subject line of your email.

****Abstracts are due by 1/20/2012****

The tentative schedule for this year will be a social in the evening of 2/7; research presentations during the day 2/8, business meeting and banquet meal (and completion of silent auction) that evening followed by a second social; and a workshop on 2/9 (may add some talks in the morning if we have more submissions than we can fit on 2/8).

This year's workshop will cover common issues in fish disease and fish health and will be held on 2/9/2012. It will cover issues from the prospective of both hatchery work/captive fish and natural populations in the field. The workshop is being led by two faculty members from the OSU Veterinary Medicine College that specialize in zoo and wild animal medicine.
the OSU Veterinary Medicine College that specialize in Zoo and wild animal medicine.

2009 SPRING OKAFS MEETING MINUTES

01-29-09 3:00 PM

Lake Murray State Park

EXCOM minutes read by Buck Ray. Jeff Boxrucker made a motion for their approval, seconded by Daniel Fenner.

Treasurer's report read by Buck Ray. Motion to approve by Richard Standage, seconded by Brent Bristow.

SDAFS Report – Steve Lochman

Steve attended as a representative from the Southern Division of the American Fisheries Society and presented information on SDAFS activities.

Discussion of a “Rainy Day Fund” or reserve \$2000 for use of meeting at beginning of year.

SDAFS instituted a membership challenge based on the number of chapter members who are members of the parent society. A traveling trophy will be awarded to the chapter with the highest percentage.

\$5500 available to offset cost of student rooms at SDAFS meeting and Southeastern Association of Fish and Wildlife Agencies meeting (SEAFWA).

Steve encouraged attendance by AFS members to the SEAFWA meeting.

Podcasts of the 2008 and 2009 meeting are available via the SDAFS website.

Tennessee chapter will be hosting parent society meeting – Aug 30th – Sept 3, 2009.

Committee Reports

Activities – No report.

Awards – Jim Burroughs led discussion on continuation of 2 \$1000 scholarships

Barry Bolton suggested amending award system in some way to honor Jim Schooley. A motion was made to let Excom decide on best way to honor Dr. Schooley (Motion by Dan Shoup, seconded by Gene Gilliland)

Continuing Education – Dan Shoup led discussion on what kinds of activities the chapter might want at future meetings. Certified Fisheries Professional continuing education credits are an option. This question will be circulated via the listserve to get more feedback.

Environmental Concerns – Randy Parham – Nothing to report.

Old Business

No old business discussed.

New Business

Gene Gilliland led discussion on possibility of holding meeting in September instead of January. Membership agreed to keep meeting in January or February for 2010.

Kevin Stubbs turned the meeting over to the new president Brent Bristow.

Election of officers –

New president – Jeff Boxrucker nominated James Vincent, Kevin Stubbs seconded. James Vincent is president-elect.

Sec. – Treasurer – Buck Ray will continue second year of his 2-year term as sec.-treasurer.

Awards Committee – Josh Johnston agreed to take over duties of Awards Committee chair.

Kevin Stubbs motioned to adjourn the meeting, Jon West seconded, motion passed.

OKLAHOMA CHAPTER- AMERICAN FISHERIES SOCIETY May 14, 2009 TREASURERS REPORT

2009 Income/expenses (1/1 -5/14)

Beginning Checkbook Balance (1-1-09)	7,111.97
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Credits:

Annual Meeting registration/dues	2,346.00
ODWC registration payment for '09 spring meeting	1,120.00
AFS Rebate	50.00
<u>Dividends</u>	<u>552.49</u>
Total Credits	4,068.49

Expenses:

Cash for Annual Meeting Registration (change)	150.00
Drew Lane - Scholarship	1,000.00

Jared Lorensen - Scholarship	1,000.00
Lake Murray Resort (annual meeting)	1,409.84
Lake Murray Resort (annual meeting)	55.00
Cliff Sager (Hospitality refreshment reimbursement)	363.40
Cliff Sager (Hospitality refreshment reimbursement)	10.00
Midwest Trophy	101.33
<u>Nathan Evans (Student Chapter support)</u>	<u>1,000.00</u>
Total expenses	5,089.57
Checkbook ending balance (4/25/08)	5,642.06
Investments	
Mutual Funds - beginning balance (1/1/09)	10,576.64
Mutual Funds - ending balance (4/25/09)	10,787.37
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Total Defined Assets and Mutual Funds as of 4/25/09	16,429.43
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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: _____

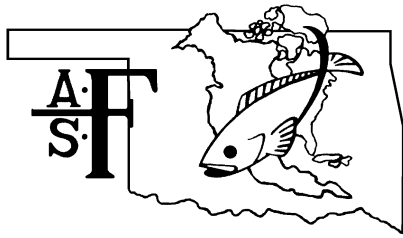
MEMBERSHIP TYPE: 1 Year (\$5)_____ 2 Years (\$10)_____ 3 Years (\$15)_____ Life (\$50)_____

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: **Buck Ray**, OKAFS Secretary/Treasurer, ODWC, Fisheries Division Central Office, P.O. Box 53465, Oklahoma City OK 73152; wray@zoo.odwc.state.ok.us., 405-424-6062.



OKLAHOMA STUDENT CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 18(1) ***THE LATERAL LINE STUDENT SUPPLEMENT*** December 2011

MESSAGE

President

Jeremy Duck

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Vice-President

Candice Miller

OK Student Chapter AFS
008C Ag Hall
Stillwater, OK 74078

Secretary-Treasurer

Joseph Shmitt

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Stillwater, OK 74078



Hello all! The student subunit and I welcome back all of the students from their summer's activities. As your newly elected president I hope that I can keep up the great work our past president, Chase Ehlo, has left to me and congratulate him on his graduate assistantship at Tennessee Tech University. If you are back from an exciting internship or a relaxing break back home I hope you will participate in the many upcoming events that will be hosted by the subunit this semester. I would like to encourage anyone who is interested in fisheries science to be part of this student based, professional organization. The American Fisheries Society provides many opportunities for up and coming fisheries students to meet and interact with fisheries professionals in the field today. By interacting with the student subunit, students have the ability to share their experiences with others and to receive advice from those who have been in their shoes before.

We are mixing things up this semester! We will be joining forces with the other Natural Resources Ecology and Management student organizations for this fall's membership cook-out. We are hoping that this combined effort will help us reach the greater student body and increase undergraduate participation in AFS. Also, we are going to be stepping up our volunteer efforts by participating in the Oklahoma Conservation Commission's BlueThumb stream monitoring program. After getting our members trained we will be adopting a local stream around Stillwater and monitoring water quality monthly. The student subunit has also decided to conduct a bi-monthly literature review where undergraduates and graduates alike get the chance to develop the critical thinking and analyzing skills necessary to become a successful fisheries scientist.

PRESIDENT'S

After elections this spring I would like to welcome our new

Vice President, Nate Copeland. I am also glad to report that Nathan Evans was voted into a second term as Secretary/Treasurer. Nathan, your dedication to the student subunit is greatly appreciated!

Michael Gatlin
Sub-unit President

OTHER OUTREACH EVENTS

- September 26th and 27th, our club assisted the Oklahoma Department of Wildlife Conservation's fisheries field trip and techniques demonstration at this year's Wildlife Expo.
- October 5th, AFS-OSU conducted our membership drive cook-out at the Oklahoma State University campus in Stillwater.
- November 12th, AFS-OSU will be participating in an outdoor education event with the Will Roger's Elementary school.

STUDENT CHAPTER PRESENTATIONS

- Copeland, N.*, and Shoup, D. 2011. The Effects of age-0 Gizzard Shad Abundance on Piscivore Abundance and Condition in Southern Reservoirs. 31th Annual Meeting of the Oklahoma Chapter of the American Fisheries Society, Wagoner, OK.
- Gatlin, M.*, and Shoup, D. 2011. Blue Catfish (*Ictalurus furcatus*) Gut Passage as a Vector for the Sispersal of Invasive Bivalves. 31th Annual Meeting of the Oklahoma Chapter of the American Fisheries Society, Wagoner, OK.
- Porta, M.*, and Long, J. 2011. Effects of a Cold Tailwater on Age and Growth of Two Warm Water Black Bass. 31th Annual Meeting of the Oklahoma Chapter of the American Fisheries Society, Wagoner, OK.
- Stewart, R.*, and Long, J. 2011. Population Dynamics of Channel Catfish from Six Oklahoma Reservoirs in Relation to Supplemental Stocking. 31th Annual Meeting of the Oklahoma Chapter of the American Fisheries Society, Wagoner, OK.

- Stewart, R.*, and Long, J. 2011. A Survey of Catfish Anglers from Six Oklahoma Reservoirs in Relation to Supplemental Stocking. 31th Annual Meeting of the Oklahoma Chapter of the American Fisheries Society, Wagoner, OK.

TREASURER'S REPORT
1 January 2009 – 15 June 2009

TILL ACCOUNT

Starting Balance	\$ 201.14
Debits	
Monthly Meeting Refreshments	\$ 10.00
TOTAL	\$ 10.00
Credits	
Dues and Registration (Tech Demo)	\$ 60.00
T-Shirt Sales	\$ 75.00
TOTAL	\$ 135.00
Ending Balance	\$ 326.14

OKAFS STUDENT CHECKING ACCOUNT

Starting Balance	\$2,118.06
Debits	
SDAFS Reimbursement	\$ 170.00
OKAFS Reimbursement	\$ 200.00
Techniques Demo Food and Supplies	\$ 78.39
TOTAL	\$ 448.39
Credits	
OKAFS Allotment	\$1,000.00
T-Shirt Sales	\$ 15.00
Dues	\$ 10.00
TOTAL	\$1,025.00
Ending Balance	\$2,694.67

SUMMARY

Till Account	\$ 326.14
Student Account	\$2,694.67
TOTAL	\$3,020.81

OSU ACCOUNT**Starting Balance** **\$ 824.05**

Debits

Refreshments for Monthly Meetings \$ 120.80

SDAFS Reimbursement for Students \$ 470.06

Total **\$ 590.86**

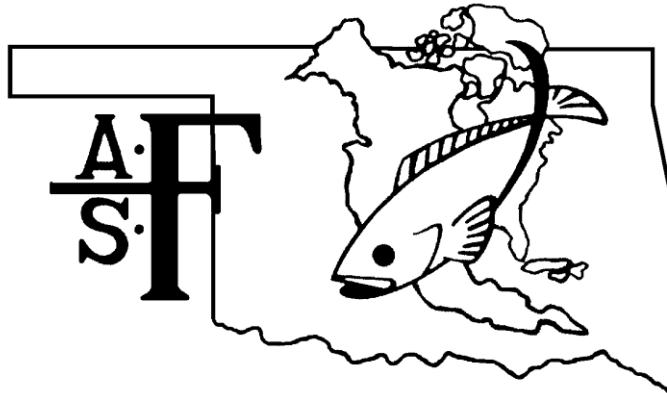
Credits

No Activity \$ 0.00

Ending Balance \$ 233.19

Summary**Till Balance** **\$ 326.14****OKAFS Student Checking Account Balance** **\$2,694.67****OSU Account Balance*** **\$ 233.19****OKAFS Student Chapter Balance** **\$3,254.00****JIMMIE PIGG STUDENT TRAVEL SCHOLARSHIP**

For more information see pages 2-3 above.



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