

# OKLAHOMA CHAPTER of the AMERICAN FISHERIES SOCIETY

Volume 31(1)

*THE LATERAL LINE*

October 2010

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## PRESIDENT'S MESSAGE

In 2005 our agency was fundraising for a major river restoration project. While we had gained widespread support, one holdout remained. An important funding partner was apprehensive over proposed changes to the river. It seemed impossible to gain their approval. Eloquent monologues, fancy graphs or glittery PowerPoint slides could not ease their concern. "Why can't they get it?" I often lamented to my colleagues. After all, we had spent countless hours surveying, modeling, drafting, editing and redrafting plans.

As critical deadlines drew near I again met with a representative of the group. The conversation rapidly eroded into explicit instruction on where I could place "all of my fancy book learnin' and models." A colleague who witnessed the exchange approached me afterwards. He said, "I think I finally recognize the problem. They genuinely don't understand what you're telling them. We need an artist's rendition of the project." Two months later our team unveiled an artist's rendering of the project during the group's annual fundraiser. A gruff voice spoke up and I braced myself for impact "You should have told us it would look like this! If you guys will build that we'll write you a check tonight!"

We had not changed the content of our message but had finally spoken the audience's language. After a decade of mentors and constituents telling me to "keep it simple" and "speak English" I am beginning to understand. Research, data and analysis convicts and directs us in making sound environmental decisions. Technical methodologies and jargon have a place therein. However, we are rendered ineffective when our delivery styles intimidate or frustrate the audience.

Controversial issues abound, from the depletion of aquifers to unpopular fisheries management decisions. Good science alone may not influence outcomes. People will. I encourage you to educate your stakeholders in a practical manner.

Lastly, I am grateful for all who attended the 2010 Oklahoma and Arkansas joint chapter meeting in Fort Smith, AR. I am especially appreciative of those who lent a helping hand. Over eighty Oklahoma fisheries professionals and students were in attendance!

Jim Burroughs, President-Elect, is coordinating the 2011 OKAFS chapter meeting. Please contact him if you would like to provide assistance. Also, please submit your abstracts in a timely manner. This facilitates program development and makes Jim's job easier. See you at the 2011 meeting!

**James Vincent, President**

*Activities, Fundraising, and Awards Committee*

**Josh Johnston**

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## COMMITTEE REPORTS

*Activities and Fund Raising Committee – Josh Johnston*

Greetings all! As chairman of the activities and fund The Lateral Line—October 2010  
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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.

***Environmental Concerns – Randy Parham***

No new information to report.

***Continuing Education – Dan Shoup***

I am planning to have workshops on the use of software in fisheries (specifically the Wisconsin Bioenergetics model and the FAST-Fisheries Analysis and Simulation Tool programs) at this year's state chapter meeting.

I have also heard from a couple of people that there might be interest in a workshop on electrofishing theory, with a possible "lab" type component for calibrating electrofishing boats to better standardize effectiveness and facilitate CPUE comparison among districts, labs, etc. I would welcome feedback on this idea. Specifically, would it be worth having a workshop outside of the annual meeting (i.e., sometime during a spring season when the weather is not too cold) to be able to bring electrofishing boats for oscilloscope measurements to calibrate power output, or would you prefer to just cover the theory at an annual meeting with no field calibration (but I could cover the procedure in the theory section). Please let me know ([dshoup@okstate.edu](mailto:dshoup@okstate.edu) or 405-744-9671) if you have an opinion.

***Nominations and Awards Committee***

**JIMMIE PIGG STUDENT TRAVEL SCHOLARSHIP**

STUDENTS!! STUDENTS!! STUDENTS!! This is

Oklahoma Chapter

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 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](mailto:johnston_odwc@hotmail.com) for more information and to obtain the appropriate application forms. Deadline to apply is **January 1, 2011**. Don't miss out on this opportunity!

**Outstanding Oklahoma Fisheries Worker of the Year-** Later this year, The Nominations and Awards Committee will be 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 be ready to nominate a deserving person when the request for nominations is announced later this year. In fact, if you already know of a worthy candidate, please submit their nomination along with a justification now.

## **UPCOMING MEETINGS AND EVENTS**

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

Mark your calendars for February 2<sup>nd</sup> and 3<sup>rd</sup> at Western Hills State Park on Fort Gibson Lake East of

The Lateral Line—October 2010  
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Wagoner, OK. These are the dates for the upcoming Oklahoma Chapter, American Fisheries Society meeting. Please be thinking about a possible presentation for this year's meeting. Finalizing schedules and agendas at the last minute are very difficult so I would appreciate any abstract submittals be turned in as early as possible. In addition, please take this opportunity to nominate some deserving individual for "Fisheries Worker of the Year" and students don't miss this opportunity to apply for the "Jimmie Pigg Travel Scholarship". What is it that Ed McMahon says, "If you don't enter, you can't win". Please submit any nominations or applications or if you have questions concerning any awards, to Josh Johnston at 918-683-1031, 9097 N. 34<sup>th</sup> St. West, Porter, OK. 74454. More information to follow later regarding the upcoming meeting but for now back to EXPO!

Good fishing!!

Jim Burroughs  
President Elect

Please send the following information if you would like to offer a 20-minute presentation (including time for a brief question/answer session):

- 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 200 words
- 5.) Format of Presentation (Power Point, slides, over-head projector, etc.)

Send Presentation Information to:  
Jim Burroughs 2011 OKAFS Meeting Director  
[jb\\_odwc@hughes.net](mailto:jb_odwc@hughes.net)

Microsoft Word, Corel Word Perfect, and PDF files are acceptable.  
*All Presentations must be submitted by December 31, 2010.*

Oklahoma Chapter

**2010 SPRING OKAFS MEETING MINUTES**  
**02-04-10 2:40 PM**  
**Holiday Inn, Fort Smith, AR**

Brent Bristow Called the meeting to order.

Committee Reports:

Motion for Josh Johnston to be new Awards Committee Chair (Bill Wentroth, Jim Burroughs 2<sup>nd</sup>)  
Motion passed

Treasures Report presented by Buck Ray

Minutes from Excom Committee Meeting Presented by Buck Ray

- Motion to accept reports as written (Not sure)
- Motion passed

SD Excom Report by Steve Lockman:

- 2010 SD meeting in Ashville, Tn – issues with attendance
- 2011 SD Meeting will be in Tampa
  
- Student support = 20% of budget for SDAFS (approx. \$5,500)
- Kudos from SD for doing a joint meeting

Discussion of possibility for selecting a cheaper hotel for parent society meeting (Gene Gilliland)

Awards presented by Josh Johnston:

- Best Student Presentation – Joseph McAlister – SEOSU
- Best Professional Presentation – Dan Shoup – OSU
- Jimmie Pigg Award (Undergraduate) – Joseph McAlister - SEOSU
- Jimmie Pigg Award (Graduate) – Michael Porta – OSU
- Fisheries Worker of the Year – Gary Peterson
- Presidential Appreciation Award – Brent Bristow

Continuing Education Committee Update (Dan Shoup)

Plea for continuing education ideas

Environmental Committee Report (Randy Parham)

No issues or concerns to report

Old Business

- Discussion of thanking Daniel Fenner for website upkeep
- Discussion of thanking Greg Summers for podcast preparation
- Website update
  - o Discussion of the possibility of paying Daniel (James)
  - o Motion to give Daniel an award (Greg, Gene 2<sup>nd</sup>)
    - Vote – motion passed
- Discussion and motion to change student presentation award as the “Jim Schooley Best Presentation Award for Best Student Paper” (Jim Burroughs, Julia Matlock 2<sup>nd</sup>)

- Discussion of putting chapter tee-shirts on website (Jim Burroughs)
  - o Jim will look into it and report back to excom
- Gene Gilliland led discussion on possibility of holding meeting in September instead of January. Membership agreed to keep meeting in January of February for 2010.

Pond Booklet (Gene Gilliland)

- Sent around text for review
- Will be sent around again for final review via listserv
- Marly Beam Fish Management book also available

Discussion of possibility for chapter to pay membership dues to parent society for all officers (James Vincent)

- Motion (James Vincent, Danny Bowen 2<sup>nd</sup>)
- Motion passed

Brent Bristow turned the meeting over to the new president James Vincent.

Discussion of raising dues or keeping it the same

- Motion to keep it the same (Gene Gilliland, Bill Wentroth 2<sup>nd</sup>)
- Motion passed

Election of officers –

New president –

- Keith Thomas nominated Chas Patterson, Dan Shoup seconded.
- James Vincent nominated Jim Burroughs, James Vincent seconded
- Motion to cease nominations (Greg Summers, Cliff Sager 2<sup>nd</sup>)
- Election/vote by membership
  - o Jim Burroughs Elected as President

Buck Ray motioned to adjourn the meeting, Chas Patterson seconded, motion passed.

OKLAHOMA CHAPTER- AMERICAN FISHERIES SOCIETY

February 4th, 2010

TREASURERS REPORT

2009 Income/expenses

	Date	Amount
Mutual Funds (01/09)		\$10,576.64
Cash and Money Market (Checkbook) Balance (01/09)		\$7,260.22
		<b>\$17,836.86</b>
<b>Credits:</b>		
Meeting Registrations	2/10/2009	\$2,346.00
ODWC Registration	3/25/2009	\$1,200.00
AFS Rebate	6/22/2009	\$50.00
AFS Rebate	6/22/2009	\$45.60
<b>Total Credits</b>		<b>\$3,641.60</b>
<b>Expenses:</b>		
Check for Cash for Registration (change)	1/29/2009	\$150.00
Check to Drew Lane for Scholarship	1/29/2009	\$1,000.00
Check to Jared Lorensen for Scholarship	1/29/2009	\$1,000.00
Check for Cash for Registration for Annual Meeting	1/29/2009	\$150.00
Check To Cliff Sager (Meeting Refreshments)	1/29/2009	\$363.40
Payment to Lake Murray Resort	1/30/2009	\$1,409.84
Payment to Lake Murray Resort	1/30/2009	\$55.00
Check To Cliff Sager (Meeting Refreshments)	1/30/2009	\$10.00
Midwest trophy	2/2/2009	\$101.33
Check to Nathan Evans for OSU Subchapter support	4/16/2009	\$1,000.00
Buck Knives	12/30/2009	\$108.00
<b>Total expenses</b>		<b>\$5,239.57</b>
Cash and Money Market (Checkbook) Balance (12/28/09)		<b>\$5,743.55</b>
	Net change	<b>(-1516.67)</b>
Mutual Funds (12/28/09)		<b>\$13,335.62</b>
	Net change	<b>(2758.98)</b>
<b>Total Defined Assets and Mutual Funds 2009</b>		<b>\$19,079.17</b>
Franklin Fund - Unrealized gain or (loss)*		\$840.48

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: \_\_\_\_\_

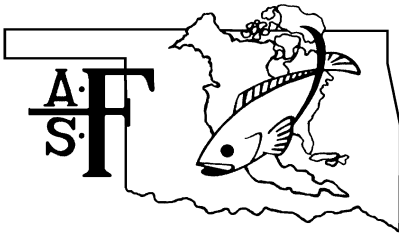
MEMBERSHIP TYPE: 1 Year (\$5)\_\_\_\_\_ 2 Years (\$10)\_\_\_\_\_ 3 Years (\$15)\_\_\_\_\_ Life (\$50)\_\_\_\_\_

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: **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

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Volume 17(1) ***THE LATERAL LINE STUDENT SUPPLEMENT*** October 2010

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## **PRESIDENT'S MESSAGE**

Greetings all! I hope everyone is having a very exciting and productive 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.

In October, we hosted our annual fisheries techniques demo at Holdenville Lake and Hatchery. This year 40 students and faculty from Southeastern Oklahoma State University, Northeastern State University, and Oklahoma State University attended the event. Here students gained experience in the use of several fisheries assessment gears including gillnets, trap nets, bottom trawls, boat electrofishing, and backpack electrofishing, and also toured the hatchery facilities. I would like to thank Nate Copeland for the tremendous job he did in coordinating this year's event. We would also like to thank Danny Bowen, Bill Newman, and John Davenport for their assistance at the techniques demo.

After elections last spring I would like to welcome our new Vice President, Brent Wilson. I am also glad to report that Joey Schmitt was voted into the Secretary/Treasurer position.

Mike Porta  
OSU Sub-unit President



## OTHER EVENTS

- January 8<sup>th</sup> and 9<sup>th</sup> 2010, five members attended the 3<sup>rd</sup> annual Midwest student fisheries colloquium at Kansas State University.
- February 4<sup>th</sup> - 6<sup>th</sup> 2010, six members attended the Arkansas/Oklahoma chapter of the American Fisheries Society meeting in Fort Smith, Arkansas.
- April 7<sup>th</sup> - 9<sup>th</sup> 2010, two members attended the Species Introductions and Reintroductions meeting at Mississippi State University.
- September 8<sup>th</sup> 2010, four members attended the OSU College of Agriculture and Natural Resources roundup event to recruit incoming freshmen to the OSU student subunit of the American Fisheries Society.
- September 26<sup>th</sup> and 27<sup>th</sup> 2010, several members assisted at the Oklahoma Department of Wildlife Conservation's Wildlife Expo.
- October 9<sup>th</sup> 2010, OSU student subunit of the American Fisheries Society hosted the annual fisheries techniques demo.
- November 15<sup>th</sup> 2010, two members attended the OSU College of Agriculture and Natural Resources recruitment event for high school seniors to inform them about the fisheries ecology major.

## STUDENT CHAPTER PRESENTATIONS

- **Evans, N. T.**, Shoup, D. E., and Kuklinski, K. E. 2010 Comparison of electrofishing and experimental gill nets for sampling size structure and relative abundance of blue catfish in reservoirs. Catfish 2010 Conservation, Ecology, and Management of Catfish: The 2nd International Catfish Symposium, St. Louis, MO. *Oral Presentation.*
- **Evans, N.T.**, and Shoup, D.E. 2010 Age-0 gizzard shad prey supply and predator demand: Analysis of the trophic support capacity of southern U.S. reservoirs. American Fisheries Society 140th Annual Meeting, Pittsburgh, PA. *Oral presentation.*
- **Gatlin, M.R.**, Shoup, D.E. and Long, J.M. 2010. Blue catfish (*Ictalurus furcatus*) gut passage as a vector for the dispersal of invasive bivalves. American Fisheries Society 140th Annual Meeting, Pittsburgh, PA. *Poster presentation.*
- **Gatlin, M.R.**, Shoup, D.E. and Long, J.M. 2010. Blue catfish (*Ictalurus furcatus*) gut passage as a vector for the dispersal of invasive bivalves. Catfish 2010 Conservation, Ecology, and Management of Catfish: The 2nd International Catfish Symposium, St. Louis, MO. *Poster presentation.*
- **Gatlin, M.R.**, Shoup, D.E. and Long, J.M. 2010. Blue catfish (*Ictalurus furcatus*) gut passage as a vector for the dispersal of invasive zebra mussels (*Dreissena polymorpha*). Species Introductions & Re-introductions: Opportunities & Challenges (Joint Symposium of the American Fisheries Society and The Wildlife Society), Starkville, MS. *Poster presentation.*

- **Lane, W.D.**, and Shoup, D.E. 2010. Effects of turbidity on prey selection and foraging return of piscivorous largemouth bass. Oklahoma Chapter of the American Fisheries Society Meeting, Fort Smith, AR. *Oral presentation.*
- **Lane, W.D.**, and Shoup, D.E. 2010. Effects of turbidity on prey selection and foraging return of piscivorous largemouth bass. Oklahoma State University Research Symposium, Stillwater, OK. *Oral presentation.*
- **Porta, M.J.**, J.M. Long, and C.R. Martin. Length, Age, and Growth of Two Species of Juvenile Black Bass in a Trout Tailwater. 140<sup>th</sup> American Fisheries Society Meeting, Pittsburgh, PA. *Poster Presentation.*
- **Porta, M.J.**, J.M. Long, and C.R. Martin. Length, Age, and Growth of Juvenile Shoal Bass Reintroduced into a Trout Tailwater. Species Introductions and Re-introductions Symposium 2010, Starkville, MS. *Poster presentation.*
- Shoup, D.E., and **Evans, N.T.** 2010. Age-0 gizzard shad prey supply and predator demand: analysis of the trophic support capacity of southern U.S. reservoirs. American Fisheries Society Arkansas and Oklahoma Joint Chapter meeting, Fort Smith, AR. *Oral presentation.*
- **Stewart, D.R.**, and J. M. Long. 2010. Verification of otolith origin used for aging channel catfish by fisheries managers. 140<sup>th</sup> American Fisheries Society Meeting, Pittsburgh, PA. *Poster Presentation.*
- **Stewart, D.R.**, and J. M. Long. 2010. Verification of otolith origin used for aging channel catfish by fisheries managers. 2<sup>nd</sup> international symposium, St. Louis, MO. *Poster presentation.*
- **Stewart, D.R.**, G.W. Benz, and G.D. Scholten. 2010. Weight-length relationships and growth data for blue catfish, *Ictalurus furcatus*, among four Tennessee waterbodies. Catfish 2010 Conservation, Ecology, and Management of Catfish: The 2nd International Catfish Symposium, St. Louis, MO. *Oral presentation.*

## TREASURER'S REPORT

9/28/2010

### CASH REGISTER

Opening Balance 1/01/10.....\$330.14

<b>Date</b>	<b>Description</b>	<b>Amount</b>	<b>New Total</b>
1/15	Dues Deposit x3	+\$15.00	\$345.14
2/8	T-shirt for guest speaker	-\$16.00	\$329.14
2/25	Pizza tip	-\$2.00	\$327.14
3/1	Dues Deposit x0.6	+\$3.00	\$330.14
3/25	Pizza for meeting	-\$50.00	\$280.14
3/25	Dues Deposit x1	+\$5.00	\$285.14
9/28	Pizza for meeting	-\$57.00	\$228.14
9/28	Dues Deposit x4	+20.00	\$248.14
10/8	Drinks for tech demo	-\$15.69	\$232.45
10/9	Tech demo (dues)	+\$160	\$392.45
10/11	Food reimbursement tech demo (Nate)	-\$77	\$315.45

Closing Balance 9/28/10.....\$315.45

*BANC FIRST*

Opening balance 1/01/10.....\$2,719.67

<b>Date</b>	<b>Description</b>	<b>Amount</b>	<b>New Total</b>
1/20/10	AFS Student Colloquium	-\$100.00 (check #1027)	\$2,619.67
3/10/10	AFS Hotel Rooms	-\$104.44 (check #1029)	\$2515.23
4/21/10	Guest Speaker	-\$250.00 (check#1030)	\$2265.23
6/21/10	Annual Gift	+\$1000.00	\$3265.23

Closing balance 9/28/18.....\$3265.23

## **JIMMIE PIGG STUDENT TRAVEL SCHOLARSHIP**

See pages 2-3 above for more information.



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

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### **THE LATERAL LINE**

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