



# Arkansas Chapter American Fisheries Society Spring 2007 Newsletter

May 2007

Steve Lochmann, Editor

Christy Adelsberger, Associate Editor

## President's Message

Thank you to everyone who braved the weather to attend the annual meeting in Mountain View. The number of attendees, almost 90, was quite a surprise; although a little down from last year for obvious reasons. Thank you to all of the presenters for taking the time to prepare a presentation for the meeting. Also, thank you to all of the students who attended, and to those of you who presented papers. The level and quality of the student research is always astounding; no doubt a direct reflection of the great universities around the state. I especially want to thank Dr. John Harris and Mr. Brain Wagner, and all of those who helped, for preparing and presenting the workshops! One more thank you goes out to all of you that either helped with, or brought items for the silent auction. A special thank you goes to Rob Beadle for helping to organize the meeting.

One thing I would like all members to work on this year is maintaining and increasing our membership. We currently have a strong professional (mostly state and federal employees) and student membership, but there are other professions we need to reach. A few that come to mind are additional private consultants (FTN, GBMac, CH2M Hill), retail/service industry, (resorts, tour guides) and hunting and fishing clubs around the state. Talk up the Chapter when visiting with folks and inform them about the benefits of membership. The minute cost of membership and the cost for attending the annual meeting are well worth the contacts they will make; not to mention getting involved with protecting and enhancing Arkansas' resources.

The proposed changes to Regulation No. 2, the State's water quality regulations, should be going out for public comment sometime in May. I will try to inform the Chapter when this occurs. Please make comments as you see fit.

Study hard for finals!!!

*Jim Wise, President*

## Arkansas Chapter AFS Unit Financial Report

January 21, 2007 – May 11, 2007

**Balance brought forward (January 20, 2007):** **\$ 16,542.01**

### INCOME

Interest (Simmons Bank), January-May 2007	\$ 27.43
2007 Meeting pre-registration	\$1,750.00
2007 Membership dues	\$565.00
2007 Meeting regular registration & dues	\$2,750.00
2007 Meeting silent auction proceeds	\$577.00
Cash deposit (withdrawn to make change at conference)	\$600.00
2007 Donations	\$100.00
AFS membership rebate	\$111.72

**Total Income** **\$ 6,481.15**  
**SUBTOTAL** **\$ 23,023.16**

### DISBURSEMENTS

Trophies, plaques, and awards	\$1,057.80
Science Fair – trophies, plaques, and cash awards	\$288.66
Chapter 'Best Student' cash awards (UAF, ATU, ASU, and UAPB)	\$200.00
2007 Conference supplies	\$41.79
Mountain View conference expenses (The Folk Center)	\$4,585.85
Mountain View conference – refreshments	\$229.29
Mountain View conference – Chapter guest comp room	\$61.05

Cash withdrawal (withdrawn to make change at conference)	\$600.00
<b>Total disbursements</b>	<b>\$ 7,064.44</b>
<b>Balance on-hand (May 11, 2007):</b>	<b>\$ 15,958.72</b>

The AR Chapter EXCOM serves as the Chapter's auditing committee and regularly oversees the financial records as noted in the EXCOM minutes.

*Mike Eggleton, Treasurer*

### **Officer Elections**

At the Arkansas Chapter AFS Meeting in February, the chapter elected Billy Justus as president-elect and Jason Olive as Treasurer. Billy will have the responsibility of putting together the 2008 Chapter Meeting. Remember, later this year the chapter will take nominations for secretary and president-elect for 2008.

*Joe Stoeckel, Chair*

### **Education Committee Report**

Here are the results of the 2007 Arkansas State and Regional Science Fairs, judged by Arkansas Chapter of the American Fisheries Society members. The high school and junior high school winners from each regional received a plaque entitled "Best Aquatics Science Award". The honorable mention projects received a certificate from the chapter.

1. The Central Arkansas Regional Science Fair was held on the U of A at Little Rock campus on February 28. The judge was Bill Shinn. In the High School Division, the winner was Robin Brown of Pulaski Academy in Little Rock for a work entitled, "Evaluation of Phosphate Levels in the Little Maumelle River." Honorable Mentions went to Andrew Finne of Little Rock Central for a project entitled, "A Study of Fourche and Fletcher Creeks" and to Kelly Allison of Pulaski Academy for a project entitled, "The Effect of Nitric Acid on Duckweed."

Top honors in the Junior High Division at the Central Arkansas Regional Science Fair went to

Andrew Loin from Lisa Academy in Little Rock for a project entitled, "Phytoremediation to filter Toxic Compounds." Honorable Mentions went to Tatenda Muskunyadzi from The Anthony School in Little Rock for the project, "Effects of UV Light on Algae" and to Mallory Penning from Lisa Academy for her project entitled, "Which Common Fertilizer Enhances Algae Growth".

2. The South-East Arkansas Regional Science Fair was held March 2 in Monticello at U of A at Monticello campus. Marcella Melandri was the judge. The High School Division winner was Darren James of Drew Central High School for his project entitled, "Sizeable Fish." The Honorable Mention High School Project was by Perry White of Pine Bluff High School for his project on, "The Effect of Salt on Freshwater Fish."

In the Junior High School Division at the South-East Arkansas Regional Science Fair, the winner was "Aging Fish" by Henry James of Drew Central. The Honorable Mention was "What's higher, pH or Chlorine" by Whitney Stevens of McGehee.

3. The North-East Arkansas Regional Science Fair was held on the A.S.U. campus in Jonesboro on March 4-5. Judges were Elizabeth Meadlin, Raven Lawson, Allison Asher and Mellissa Milligan. The High School Division winner was Joe Hamilton from Nettleton High School for his project entitled, "Something Smells Fishy." Honorable Mention went to Lyndsey Tindell from Nettleton High School for a project entitled, "What is in our Water", to Haven May from Nettleton High School for a project on, "Effects of urea on aquatic plants" , and to Chris Thigpen from Nettleton High School, for his project entitled, "When the levee breaks."

In the Junior High Division of the North-East Regional Science Fair the winner was Andrew Gillespie from Annie Camp Middle School in Jonesboro for a project entitled, "Where is the O2." Honorable Mention went to Edna Fuller from Annie Camp Middle School in Jonesboro for her project entitled, "Animal Behavior Reactions."

4. The North-West Regional Science Fair was held March 4 at the U of A Fayetteville campus. Aaron Cushing and Jon Flinders were the judges. The High School Division winners were Jordon Hudson, Justin Savage, and Kylee Daniels from Alma High School for their joint project entitled, "Run Off: A Study of Chemicals in Lake Harrison." Honorable Mention went to Malena Outhay from Alma High School for a project entitled, "'Tachycardia? Bradycardia? Daphnia? Aisle Five!" and to Trevor Stine from Fayetteville High School for his project entitled, "Effects of Phosphorus Levels on Aquatic Life in Lake Fayetteville."

In the Junior High Division of the North-West Regional Science Fair the winner was Hannah Brown from Alma Middle School for her project on "Sailing the Ocean Blue and Testing It."

5. The South-Central Regional Science Fair was held March 4 at Ouachita Baptist University in Arkadelphia. Judges were Stuart Wooldridge and Kelly Winningham. There were no awards presented in the High School Division. In the Junior High Division the winner was Kelsey Lagaly from Lake Hamilton.

6. The North-Central Regional Science Fair was held March 18 at Lyon College in Batesville. Stan Todd was the judge. Sarah Hale and Clayton Grigg from Calico Rock High School won the High School Division with their joint project entitled, "What's Lurking in your Water."

In the Junior High Division at the North-Central Regional Science Fair the winners were Malory Brannon and Brayden McCurley for their project entitled, "Letters of Importance H<sub>2</sub>O, DO, and pH."

7. The West-Central Regional Science Fair was held March 16-18 at the Arkansas School for Math, Science and Arts in Hot Springs. The judge was Richard Standridge. The winner was Jeremiah Noordhoek for his project entitled, "Photocatalytic Oxidation Purification." The Honorable Mentions were Caleb Stovall and Kristen Staples for their joint project entitled, "The effects of suburban

expansion on the environment: A study of potassium and lead in Whittington Creek" and Courtney Brown for a project entitled, "Measuring the Components of Ecosystem Respiration."



8. At the UAPB Science Fair in Pine Bluff, the judge was Mike Eggleton. The winner was Perry White of Pine Bluff High School for his project on, "The Effects of salt on Freshwater Fish."

The 53<sup>rd</sup> Annual Arkansas State Science Fair was held at U.C.A. in Conway on April 6-7. Only the High School Division competes at the state level. The judges were Steve Filipek and Bill Shinn. The winner of the chapter's "Best Aquatics Science Award" went to Ashley Paul from Alpena High School for her project entitled, "'A Before and After Look.'" This project determined the amount of coliform bacteria in water prior to entering Lake Harrison, while in the lake, and after leaving the lake. This study would help determine if water is being polluted while in the lake. Honorable mentions went to Malena Outlay from Alma High, Ben Williamson from Little Rock Central High, Trevor Stine from Fayetteville High – East, and Perry White from Pine Buff High. Congratulations to all our Science Fair participants and winners!

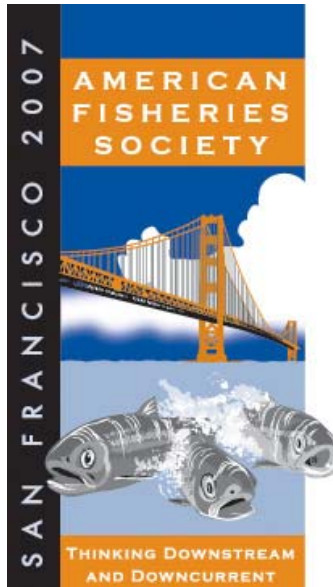
*Bill Shinn, Chair*

### **Raffle Committee Report**

I would like to thank everyone that brought items to the meeting in February. This is an easy way for the Chapter to supplement the meeting and for Subunits to raise funds for activities.

It is not too early to start thinking about items for next year. The next time you are in your neighborhood bait and tackle shop, ask for a donation.

*Jimmy Barnett, Chair*



**Make plans soon to attend the  
137th Annual Meeting  
of the  
American Fisheries Society  
September 2-6**

**The San Francisco Marriott  
(1-888-575-8934)  
is the main host hotel.**

**Registration information available soon at  
<http://www.fisheries.org/sf/>**

### **Awards Committee Report**

A variety of awards were presented in Russellville at the Annual Business Meeting. Awards included Outstanding Sub-unit members Jason Throneberry from Arkansas Tech University, John Flinders from the University of Arkansas – Fayetteville, and Brent Southworth from the University of Arkansas - Pine Bluff. Best Undergraduate Paper went to Tate Wentz from Arkansas Tech University, best Graduate Paper went to Ignacio Masson from the University of Arkansas - Pine Bluff, and Best

Professional Paper went to Steve Lochmann from the University of Arkansas - Pine Bluff.

The Chapter's Robert M. Jenkins Award for Outstanding Conservation Achievement was awarded to D.A.R.T., the Dardanelle Aquatic Resources Team from Russellville. The Joe Hogan Award for Individual Achievement was presented to Larry Rider of the Arkansas Game and Fish Commission. Recognition for service was also awarded to Past President Chris Davidson of the US Fish and Wildlife Service and Past Treasurer Mike Biven with the Arkansas Game and Fish Commission.

*Joe Stoeckel, Chair*

### **Student Subunit Reports**

#### **University of Arkansas - Fayetteville**

The University of Arkansas-Fayetteville student subunit had a productive spring, sponsoring a seminar speaker, participating in collaborative events with the Wildlife Society, and serving as judges for the northwest Arkansas science fair, where subunit members presented AFS awards for best aquatic ecology projects. On March 5th, the student subunit sponsored University of Arkansas-Fayetteville alumnus Jeff Briggler of the Missouri Department of Conservation, who gave a presentation on conservation and recovery of the Ozark hellbender. Subunit members also participated in several events with the University of Arkansas-Fayetteville Wildlife Society. On March 31st, a "field ecology olympics" was held at Lake Wedington, where three person teams competed in a series of events including GPS navigation and radio telemetry. While the event was organized by the Wildlife Society, AFS members performed well, with first prize going to the team of UA fisheries faculty Dan Magoulick, his daughter, and fisheries technician Miller Jarrell. Finally, AFS student subunit members assisted the Wildlife Society with an April roadside clean-up in the Lake Wedington area.

*Eric Larson, Subunit President*  
elarson@uark.edu

### **Arkansas Tech University - Russellville**

It's been another busy semester at Tech. We started January off with several students presenting at both the state and southern division AFS meetings. February found many of our students working with the USFS on a deer spotlight survey. Contrary to popular belief, no firearms were involved. Several members also presented at the Arkansas Academy of Science meeting, held at ATU's recently acquired Lake Point Conference Center. I won third place in the "undergraduate life sciences" category. Late April brought Earth Day to Tech, and several of our members set up a display. We are also involved in educating youngsters about ecology at Russellville Junior High and at the Party in the Park (an event held in Russellville). As always, we had several great socials with more fun and better eats than any other group on campus.

Finally, we are planning our end-of-the-year social/campout/smallmouth tournament on the Illinois Bayou for Dead Day (May 4). As always, it should be a great success, and end the semester on a good note.

**Brandon Peoples, Subunit President**  
stu10387@atu.edu

### **Arkansas State University – Jonesboro**

The past year proved to be a good one for our subunit with the continued success of our highway cleanups and some aquatic speakers. Last fall we had the privilege of hearing from Mike Gibson about the Arkansas Game and Fish Commission and this spring Aaron Mize of Big Lake National Wildlife Refuge gave a talk on wetland habitat restoration and management in the Prairie Pothole Region.

Our first time sponsoring the Lake Poinsett State Park Kids Fishing Derby was a success and occurred this past Saturday April 28<sup>th</sup>. With the exception of the Arkansas Game and Fish Commission, who provided the fish and nets, our club was the biggest sponsor of the event. The day was filled with educational programs and activities provided by student of the club. We developed some aquatic ecology games where

we demonstrated the effects of biomagnifications and as salmon had the kids sniff their way “home”. A boating safety program taught kids not only about how to be safe in the water and we handed out some coloring books and puzzles. We also brought out some stream sampling gear where we allowed the kids to put on the backpack shocker and pick up plastic toys with the nets. We also had an arts and crafts table where kids could make bird feeders to take home. Our biggest part was in providing children’s fishing poles and tackle boxes as door prizes that were given out throughout the day. Everyone had a great time and we plan to participate with the fishing derby again next year!

**Elizabeth Medlin, Subunit President**  
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### **Announcing the The Southeastern Association of Fish and Wildlife Agencies Annual Meeting**

**October 21 - 24, 2007  
Marriott Charleston Town Center  
Charleston, West Virginia**

See [www.seafwa2007.org](http://www.seafwa2007.org) for details

### **University of Arkansas – Pine Bluff**

Our second semester began much like our first semester, with a rousing presentation by our advisor Dr. Steve Lochmann. Considering that several spring meetings were coming up, Dr. Lochmann’s presentation on the professional meeting dress code was a timely one. We were fortunate to welcome past-president of the Arkansas Chapter and Southern Division, AGFC Assistant Chief of Fisheries Steve Filipek as the speaker of our April meeting. Not only did he deliver an excellent presentation on the Stream Team Program but he also imparted several kernels of wisdom regarding professional

development and AFS involvement. Mr. Filipek's presentation was the last in a series of wonderful speakers that our sub-unit entertained this past year. In addition to Mr. Filipek and Dr. Lochmann, our speakers this year included AGFC Assistant Chief of Fisheries Mark Oliver and AGFC Hatchery Manager Berry Beavers.

Members presented at several meetings this spring including the Arkansas Chapter "spring" meeting in Mountain View, the Southern Division meeting in Memphis, Aquaculture 2007 in San Antonio, the UAPB Research Forum and UAPB Rural Life Conference. Nate Harris won the Best Graduate Student Paper award and Marcella Melandri was named our sub-unit's Outstanding Member at the Arkansas Chapter meeting.

Our sub-unit took full advantage of being able to join in on the silent auction at the chapter meeting. In appreciation of our volunteer efforts, the AGFC Delta Rivers Nature Center donated several items that we used to raise \$150 at this spring's auction. Taking Jimmy Barnett's advice, we have already procured a largemouth bass tie, a channel catfish tie, a rainbow trout tie, and two AFS belt buckles for next spring's auction...it's never too early start. Finally, we topped off our bank account with our final catfish cleaning of the school year in March. Thanks to many of our members' hard work and your generosity at the silent auction our sub-unit should be able to continue to expand our members services and outreach efforts next year.

While the annual spring camping trip turnout was lower than usual, the members that did attend the Lake Catherine outing had a wonderful time. The annual White Bass Tourney was such a great time we held it twice...well actually because of the lack of cooperation by a pesky thunderstorm we had to hold it twice. Alums Chris Green and Chris Racey both participated in the tournament.

Student members were awarded door prizes by random drawing for their participation, but the big winners of the tourney were Chris Racey (Heaviest Stringer of White Bass) and Cliff Hutt

(Biggest White Bass and Biggest Non-White Bass). While we enjoy having these White Bass Tourney veterans participate, we may need to follow the NCAA's lead and impose some maximum number of years of eligibility.



At our final meeting of the year, we awarded our faculty advisor Dr. Steve Lochmann with a long overdue certificate of appreciation for his nearly ten years of dedicated service to our sub-unit. Thanks again for your continued efforts to stay out of the way! But seriously, we all appreciate your dedication to the betterment of our sub-unit and to our professional development.

As you can see we had a very active year that included providing many member services and a substantial number of outreach efforts that all together have set the tone and financial stability to ensure an even more active year next year. The newly elected officers that will ensure next year is a great one are: President Christie Adelsberger, Vice-President Lael Will, Secretary Jeffrey Horne, Treasurer Calvin Fisher, and Undergraduate Representative Leonardo Matthews. I hope you all have a safe and productive summer.

**Tom Lang, Past-President**  
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## **Arkansas Chapter American Fisheries Society Officers**

**President: Jim Wise**

**President Elect: Billy Justus**

**Treasurer: Jason Olive**

**Secretary: Clifton Jackson**



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