



American Fisheries Society EDUCATION SECTION

VOLUME 32 (2)

AUGUST 2011

INSIDE THIS ISSUE

Click Heading to
Jump to Article

Excellence in Fisheries Education	3-4
Upcoming Elections	4-9
Skinner Memorial Award	10
Best Student Paper/Poster	10
Student Subsection	11-12
Student Colloquium	13
New Book	14
Service Opportunity	14
New Continuing Education Class	15
Editor's Note	16

President's Line

“Education is more than a luxury; it is a responsibility that society owes to itself” – **Robin Cook**

With the Seattle meeting just around the corner, it's time to reflect on our accomplishments and plan for the future. As most of you know, 2011 is an election year for the Education Section and we will be installing new Officers at the Seattle meeting. It is important that we all participate in the election process, and in this issue of our Newsletter, you will find an excellent slate of candidates running for EXCOM positions. As with my predecessors, my pitch to all members is please consider getting involved with the Education Section. Officers and Committee Chairs serve vital roles for the Section and AFS - and serving in these positions is a very rewarding experience. Just ask anyone who has been involved! For more information about officer & committee responsibilities, please visit our web site at <http://www.fisheriessociety.org/education/governance.htm> or contact me or President-elect Mike Quist mcquist@uidaho.edu

This year marked a number of important accomplishments for the Education Section. At the 2011 mid-year Governing Board meeting, the Section recommended the following motion: “*The Education Section of the American Fisheries Society (AFS) moves that all 'Student' AFS members are, by default, members of the Student Subsection and afforded all the rights thereof.*” This default membership is free to all members with student status. The motion passed and now **ALL** student members of AFS receive Sub Section newsletters, informational emails, and updates on student-related AFS activities. Many Section members viewed this as an important milestone for improving communication among students and helping engage them in Parent Society activities. Our Membership Committee, led by Mark Fincel and Kristal Schneider, proposed a new Section award - the “Outstanding Young Professional Award” - to recognize an exceptional, young professional member of AFS (< 3 years post-graduation).

(Continued on Page 2)



Steve Chipps is the Unit Leader at the USGS South Dakota Cooperative Fish and Wildlife Research Unit and President of the AFS Education Section. He can be reached at: steven.chipps@sdstate.edu

Visit the Education Section of the
AFS online at:

www.fisheries.org/units/education/

President's Line (continued)

This year, we received 16 applications and the Committee selected Dr. Julie Harris (North Carolina State University) as the 2011 winner. Julie plans to attend the Seattle meeting where she will be recognized at our Section business meeting. We hope that other AFS units will join us in promoting this important award category into the future. Finally, our New Initiatives Committee (Derek Aday, Justin VanDeHey, Rebecca Krogman, Dan Dauwalter) has been working with the Continuing Education Committee, and AFS Headquarters staff to develop a searchable database of Continuing Education courses offered by AFS Units. Although still under development, a prototype of the web page can be viewed at <http://www.fisheriessociety.org/edustu/conted/coursesearch.php>. The goal of this product is to provide AFS Units/members a quick and efficient mechanism for searching available CE offerings, viewing information on course content and credit hours, and accessing Instructor information. The New Initiatives Committee is a great place to get involved with the Section and we are seeking new, creative ideas & projects to sponsor - so if you have an idea to share, please let us know.

As my term as President comes to a close, I wish to thank everyone for their support and service over the years. The Education Section is a great place to get involved with AFS because of the talent and experience that our members bring to the Society. I'm grateful to our Division Representatives, Committee Chairs, and Officers -- particularly Tom Kwak, Donna Parrish, Mike Quist and Craig Paukert -- for their leadership the last two years. On behalf of the EXCOM, we look forward to seeing everyone in Seattle and wish you a safe and enjoyable summer. Just a reminder that our Business meeting will be held on Sunday, September 4th from 5-7 pm (Sheraton).

President's Note

This year, the Education Section received one funding request from the Hutton Program. The request is posted on the [Education Section web site](#) (under Funding Request). Please take a moment to review the funding request, as we will discuss the proposal at our annual business meeting (September 4th from 5-7pm)

A Few Fun Facts as you Plan Your Trip to Washington

(Hint: there may be a quiz later!)

- Seattle was the first American city to put police on bicycles
- Seattle's houseboat population is the country's largest at almost 500.
- Seattle's Harbor Island is the largest man made island in the nation.
- The Farmer's Market at Pike Place Market is the longest continuously operating farmer's market in the US (1907).
- In 1961, the restaurant atop the Space Needle became the country's first revolving eatery.
- Seattle was the first city in the U.S. to play a Beatles song on the radio.
- The world's first gas station opened in 1907 on E. Marginal Way in Seattle.
- The state of Washington is the only state to be named after a United States president.
- Seattle sells more sunglasses per capita than any other major city in the nation.
- A badly worded law in Washington states that when two trains come to a crossing, neither shall go until the other has passed.
- Washington is the birthplace of Jimi Hendrix in Seattle and Bing Crosby in Tacoma.
- Starbucks, the biggest coffee chain in the world was founded in Seattle
- In Wilbur, Washington it is against the law to ride an ugly horse.
- Everett is the site of the world's largest building, Boeing's final assembly plant.

2011 Excellence in Fisheries Education Awarded to Dr. Scott Hinch

The Education Section maintains a committee to select the Excellence in Fisheries Education Award, which is a society-level award given to recognize excellence in organized teaching and advising in some aspect of fisheries education. Nominees may be involved in extension or continuing education, as well as traditional college and university instruction. Nominees must be AFS members, have been actively engaged in fisheries education within the last five years, and have had at least 10 years of professional employment experience in fisheries education.

This year the committee is pleased to select Dr. Scott G. Hinch as the recipient of the Excellence in Fisheries Education Award. Dr. Hinch received his B.S. (with honors) in 1985 in Ecology and Evolution from the University of Western Ontario, which he followed with a M.Sc. in 1988 in Aquatic Ecology from the same institution; in 1992 he finished a PhD at the University of Toronto. In 1992 Dr. Hinch arrived at the University of British Columbia as a post-doctoral fellow, and never left. In 1994 he was hired as an assistant professor and has risen through the ranks, being promoted to full professor in 2005. Scott became involved in undergraduate curriculum early in his academic career and has been credited in large part with shaping UBC's Natural Resources Conservation program/major into a broader academic curricula which included increased emphasis on fisheries and aquatic ecology courses, which he teaches with high marks from students. Dr. Hinch consistently ranks first among the 50-some professors in the Faculty of Forestry in the area of instruction. A former Teaching Assistant in Hinch's course recounted watching every student make a point to thank Dr. Hinch personally, most shaking his hand as they left the final exam. As further testament, Scott won the student-nominated Killam Teaching Prize in March 2000. Dr. Hinch also has worked with undergraduates on more than 50 thesis and essays, which has demanded his time and one-on-one attention, for which he is known with an open-door policy. Amazingly, he has advised over 1000 undergraduate student's careers since becoming program director of Natural Resources Conservation in 1999.

Dr. Hinch is also an extremely successful researcher, which has helped staff his research lab, as he has mentored and supervised 22 MSc and 8 PhD students along with numerous post-doctoral fellows. Most are established as fisheries professionals and 4 are professors who still consider him a mentor that shapes and improves their careers. Dr. Hinch's department head noted in a letter of support that Scott seems to seamlessly move between research and teaching, often bringing additional students into his projects and research group, effectively making research education and education research.



Dr. Scott G. Hinch is the 2011 recipient of the Excellence in Fisheries Education Award. Dr. Hinch is a Professor in the Department of Forest Sciences at the University of British Columbia. He can be contacted at: scott.hinch@ubc.ca

(Continued on Page 4)



2011 Excellence in Fisheries Education Award (Cont.)

Among those in the know, Dr. Hinch is considered to have infectious energy about fisheries that spreads through those around him, and is fond of experiential and field-based instruction, having developed the full-semester field courses that are hallmarks of the Natural Resources Conservation Program at UBC.

The selection committee is composed of the chair, an educator from each of the AFS divisions, and a PhD student representative. Division representatives serve 3-year terms and PhD students serve for a single year. This year's committee included Dr. Amanda Rosenberger (Western Division), Dr. Gregory Whitlege (North-Central Division), Dr. Dennis DeVries (Southern Division), Dr. Timothy Strakosh (Northeastern Division), and PhD student Sarah Turner (SUNY-ESF).

Elections 2011

Your Vote Counts . . . And You Could Win a Free T-Shirt!

Participating in the Education Section election is important! This year, all members are encouraged to vote for President-Elect and Secretary-Treasurer positions, and members of the Southern and Western divisions will elect representatives to serve on the Executive Committee. Because we all need a little incentive to participate from time to time, we'll be holding a raffle for a few Seattle 2011 AFS Annual Meeting T-Shirt during the Education Section business meeting in Seattle for all members that vote in the upcoming election (winner need not be present to win). Please read through the biographical sketches on the following pages for each of the Pres-Elect and Sec-Treas candidates and for the representative position in your division only, and select the candidates that you think are most qualified for the position. We've included a sample ballot in this newsletter. **An official ballot and voting instructions was recently sent out by e-mail to all members. Please return ballots to Tom Kwak (tkwak@ncsu.edu) by August 30, 2011.**



Candidate Bios: President-Elect (All Members vote for one)

Christine Moffitt

Christine Moffitt is a Professor and Assistant Unit Leader of the Idaho Cooperative Fish and Wildlife Research Unit at the University of Idaho, Moscow. She completed a BA in Biology from the University of California at Santa Cruz, an MA in Biological Sciences from Smith College, and a PhD from the University of Massachusetts, Amherst. Her interests and expertise are in understanding the effects of altered ecosystems on the aquatic populations within them including emerging diseases, physiological stress, and the risks of introduced and invasive species. She has additional interests in understanding the benefits and risks of aquaculture. She mentors graduate and undergraduate students and regularly teaches two graduate classes: advanced fisheries management, and fish physiology. In addition to these classes, she has taught fish health, aquaculture, vertebrate biology, animal behavior, fisheries techniques, and specialized graduate seminars in many topics.

Christine is committed to education, mentoring and training of students and other professionals. She has served as major professor or committee member of more than 60 graduate students, and has mentored dozens of undergraduate interns in her research lab. She has been recognized by AFS, the USGS, and the University for her lifetime commitments to increasing diversity and multicultural aspects of education. In 2010, she was recognized by AFS with the Emmeline Moore Prize. At the University of Idaho, she engages regularly with tribal and international programs at all levels of education and training.

Christine is a life member of AFS joining in 1975 and has been active in two divisions. She has served as secretary treasurer, president elect and president of the Southern New England chapter, and secretary treasurer of the Western Division, and was society AFS president in 1999-2000. Christine is an engaged member of AFS sections including Fisheries History, CARS, Education, Fish Health, Fish Culture, International, Physiology, Equal Opportunity. Christine has chaired numerous at the society and section level over her career, and currently she serves as faculty advisor for the Palouse (Student) Unit of the Idaho Chapter of AFS, a member of the policy committee of the Fish Health Section, chair of the Award of Excellence Committee, and an associate editor for *Transactions*.



Education Section Listserve

A listserve was created last fall for important information from the Education Section (e.g. Election Ballots!). All Education Section members should be automatically subscribed. To join the list or learn how to unsubscribe please visit:

[http://lists.fisheries.org/
listinfo.cgi/edu-
fisheries.org](http://lists.fisheries.org/listinfo.cgi/education@fisheries.org)



Candidate Bios: President-Elect (All Members vote for one)

Craig Paukert

Craig Paukert is the Leader of the Missouri Cooperative Fish and Wildlife Research Unit and Associate Professor at the University of Missouri. He received his B.S. from the University of Minnesota (1993), M.S. from Oklahoma State (1998), and Ph.D. from South Dakota State University (2001). Craig and his students have worked on a diversity of research projects related to conservation and management of river fishes (particularly in the Great Plains and Southwest), harvest regulations, and impacts of invasive species. He has also taught courses in fisheries management, quantitative fisheries science, and food webs.

Craig is a Certified Fisheries Professional and a life member of AFS. He is currently a member of the Education, Fish Management, and Equal Opportunities sections, and the Kansas, Missouri (Life Member) and Arizona-New Mexico chapters. Craig has been very active in AFS serving as Associate Editor for North American Journal of Fisheries Management, President of the Kansas Chapter, President of the Oklahoma Student SubUnit, member of the Education Subcommittee of the AFS Board of Professional Certification, and Advisor for the Kansas State University AFS Student Sub-Unit. More recently he has focused his efforts on the Education Section. Craig is currently the Secretary-Treasurer of the Education Section, and has been member and Chair of the Skinner Memorial Award for the Education Section for four years, President of the Student Subsection of the Education Section, Chair or co-Chair of the Education Section and Membership Committees, member of the Excellence in Fisheries Education Award Committee, and member of the Farm Bill Advisory Committee. He is also involved in other AFS supported activities such as serving on the Science Committee for the National Fish Habitat Initiative Action Plan.

This is a good time to be part of the Education Section. Our AFS leadership is promoting relevancy in fisheries education throughout AFS, and our own Student Subsection has recently made huge strides to include all student members as members of the Subsection. The question "what does the society do for me?" often comes up with any society. This can be difficult to answer in some organizations but not the Education Section. I am proud to be a part of a Section that promotes fisheries education through symposia, awards to student and young professionals, and textbooks that are the standards in fisheries courses everywhere. I consider the Education Section my home in AFS.



Candidate Bios: Secretary-Treasurer (All Members vote for one)

Katie Bertrand

Dr. Katie N. Bertrand joined AFS in 2002. The following year, she joined the Education Section and the Student Subsection. Katie was a member of the Kansas Chapter from 2003-2007, serving as Secretary-Treasurer of the Kansas State University Student Sub-Unit in 2003-2004. She served as President of the AFS Student Subsection of the Education Section from 2004-2005 and was awarded the Skinner Memorial Award in 2005, which recognizes students for outstanding service to AFS fisheries science. Katie Co-Chaired a Symposium at the 2005 AFS Annual Meeting, served on the AFS Membership Committee from 2006-2008, and currently serves on the Skinner Memorial Award Committee. She has been an Assistant Professor in the Department of Natural Resource Management (formerly the Department of Wildlife and Fisheries Sciences) at South Dakota State University in Brookings, South Dakota for 3 years. Katie belongs to 6 other professional societies, including the Great Plains Natural Science Society, in which she's been involved as a Council Member for the past 3 years. She also serves on the Partners Council and the Science Advisory Team of the Great Plains Fish Habitat Partnership. However, she considers AFS her professional home, and felt honored to be nominated to serve as Secretary-Treasurer of the Education Section.

Tracy Galarowicz

Tracy Galarowicz is an Associate Professor in the Department of Biology at Central Michigan University. She received her B.S. in biology from St. Norbert College, M.S. from the University of Minnesota-Duluth, and Ph.D. from the University of Illinois at Urbana-Champaign. Her research area is ecology of freshwater fish with a focus on streams and the Great Lakes.

Tracy has been actively involved with the American Fisheries Society since 1994 and values the knowledge gained and relationships developed through AFS. Besides regularly attending state, regional and parent society meetings, she has served the society through a number of committees including current participation on the AFS Membership Concerns Committee, co-chair of the 2011 Best Student Paper Symposium, and as associate editor for Transactions of the American Fisheries Society. Her past AFS service includes participation on the TAFS subcommittee of the Publication Awards Committee and chair of the J. Frances Allen Scholarship Committee. Since coming to CMU, Tracy has taught fisheries and conservation courses at the undergraduate and graduate levels, incorporating relevant management and research issues into lecture and laboratory. In addition, she advises both undergraduate and graduate student researchers. AFS participation has truly been a rewarding experience for Tracy, and she would be pleased to serve as Secretary-Treasurer of the Education Section.

Elections 2011

Candidate Bios: Western Division Representative

(Division Members Only, Vote for One)

Jeff Jolley

Jeff Jolley is a Supervisory Fish Biologist with the U.S. Fish and Wildlife Service, Columbia River Fisheries Program Office. He is the Program Leader for the Non-salmonid research and management team. He completed his B.S. from North Dakota State University, M.S. from Auburn University, and Ph.D. from South Dakota State University in Fisheries. Jeff's previous employment has been in research and management positions at the U.S. Fish and Wildlife Service, U.S. Geological Survey, North Carolina Cooperative Fish and Wildlife Research Unit, and Alabama Cooperative Fish and Wildlife Research Unit. His interests and expertise are in ecology and management of stream and river fisheries and undergraduate, graduate, and continuing education. He currently focuses on the ecology, conservation, and management of Pacific lamprey. He mentors graduate and undergraduate students and has taught university courses in fisheries management and continuing education courses in fish identification and fish aging techniques.

Jeff has been an AFS member since 1996 and has been active in three divisions, six state chapters, and two student subunits. He has served the AFS as President of the Auburn University Chapter, Skinner Award Committee (Education Section), Continuing Education Committee (Education Section, Western Division Representative), Secretary/Treasurer of the Student Subsection (Education Section), AFS Strategic Review Plan Committee (2003-2004), Excellence in Fisheries Education Award Committee (Education Section), Dakota Chapter Representative to the Centrarchid Technical Committee (North-Central Division), and many ad-hoc committee at the state, division, and national level. Jeff has been a consistent and loyal member to the Education Section and considers it his home within AFS.

Amanda Rosenberger

Amanda Rosenberger is an Assistant Professor in the School of Fisheries and Ocean Sciences at the University of Alaska Fairbanks. She completed a B.A. in Environmental Studies at Simon's Rock College of Bard, an M.S. in Zoology at University of Florida, and a Ph.D. in Fisheries at Virginia Tech. Amanda has been working at UAF for five years; previously, she was a postdoctoral researcher for the University of Idaho Ecohydraulics Research Center working with the U.S. Forest Service Rocky Mountain Research Station Boise Aquatic Sciences Laboratory. Her interests are in the ecology and conservation of freshwater fishes with an emphasis on the role of ecological processes in shaping fish distributions, population characteristics, and community structure. In addition to mentoring graduate and undergraduate students, she teaches Introduction to Fisheries, Fish Ecology, and Freshwater Fish Landscape and Community Ecology. She has also taught courses in Fisheries Techniques, Ichthyology, and Field Biology. In addition, she coordinates the Experiential Learning Program at the School of Fisheries and Ocean Sciences.

An AFS member since 1998, she has been active in two divisions, three chapters, one student chapter, and one section. She is the current Secretary Treasurer of the newly-formed Habitat Section and is a member of the Policy and Excellence in Education Award committees. She is a past faculty adviser for the student subunit of the American Fisheries Society at UAF, served as a judge and committee member for the Best Student Paper Symposium, and served on the Western Division Scholarship Committee. As a PhD student, she was elected President of the Virginia Tech Chapter and chaired multiple section committees during her graduate tenure. Amanda feels that learning is a continuous process, and participating in education is the best way to challenge herself as a lifelong learner. She is a strong advocate for the mission of the Education Section.



Candidate Bios: Western Division Representative (Division Members Only, Vote for One)

Julianne Harris

Julie is a post doctoral associate at North Carolina State University. She received her B.S. from Tufts University (2001), M.S. from the University of Florida (2003), and Ph.D. from North Carolina State University (2010). Julie's research focuses on habitat use, migration, and population dynamics of anadromous fishes. Julie has been actively involved in AFS since she joined the parent society in 2001. She has also been a member of state chapters (Florida and North Carolina) and sections (Education, Student Subsection, Equal Opportunities, and Fish Habitat). She is very active in the student subunit of the North Carolina Chapter of AFS, where she served as vice president in 2006 and has participated in many educational outreach events since 2005. Julie thinks the Education Section is one of the most important and active sections in AFS and in 2009 she wrote a student angle column for *Fisheries* titled "Join the Education Section: a great way to become involved in AFS". She also served as the graduate student representative on the "Excellence in Education Award" committee. Julie would be excited to serve as the Education Section's Southern Division Representative and would be eager to help with various initiatives, potentially such as increasing the accessibility of educational opportunities, such as workshops, to members who cannot attend meetings and helping student members become and stay more actively involved in AFS.

BUSINESS MEETING

Be sure to attend the Education Section Business Meeting in the Sheraton Hotel September 4th 5:00—7:00.

In addition to getting updated on the activities over the past year and plans for the coming year, all attendees will be entered into a drawing for a Seattle 2011 AFS Annual Meeting T-Shirt. And as always, snacks and frosty beverages will be served!

Sample Ballot

A similar ballot was recently e-mailed to all Education Section members. Please review the bios of each candidate and decide which of the candidates you think is most qualified for the position. Please email your votes to Tom Kwak (tkwak@ncsu.edu) by August 30, 2011. Remember that voting automatically enters you into the T-shirt raffle!

<i>SAMPLE BALLOT Education Section 2011</i>	
President-Elect <i>(All members, vote for one)</i>	
___	Christine Moffitt
___	Craig Paukert
Secretary-Treasurer <i>(All members, vote for one)</i>	
___	Katie Bertrand
___	Tracy Galarowicz
Southern Division Representative <i>(Southern Division members only, vote for one)</i>	
___	Julianne Harris
Western Division Representative <i>(Western members only, vote for one)</i>	
___	Jeff Jolley
___	Amanda Rosenberger



2011 Skinner Memorial Award Winners

Paul Damkot (U. of Maine)
 Dan Dembkowski (S. Dakota State)
 Cari-Ann Hayer (S. Dakota State)
 Daniel James (S. Dakota State)
 Rebecca Krogman (Mississippi State)
 Brianne Lunn (U. of Alberta)
 Hilary Meyer (S. Dakota State)
 Bonnie Mulligan (Southern Illinois)
 Amy Spencer-Alford (Mississippi St)
 Samantha Wilson (Carleton U.)

Honorable Mentions:

Lindsay Glass-Campbell (North Carolina State)
 Kristen Homel (Montana State)
 Robert Parker (Humboldt State)
 Claire Stouthamer (Cornell)
 Shannon White (Virginia Polytechnic and State U.)

Skinner Memorial Award

This year, the John E. Skinner Memorial Fund Award Committee reviewed a total of 70 student applications. As is the case each year, selecting awardees was a tough job for the committee due to the overwhelming number of excellent candidates to choose from. Thanks to the support of the Parent Society and the Education Section, the committee was privileged to name ten awardees and five honorable mentions for 2011. Each award winner will receive reimbursement for up to \$800.00 for expenses to attend the 2011 American Fisheries Society Annual Meeting September 4th - 8th, 2011 in Seattle, Washington.

Honorable mentions will receive reimbursement from the Education Section of AFS for their annual meeting registration cost. All winners will receive a one-year paid student

membership to the AFS. Awardees ... don't forget to attend the business meetings of the Parent Society, the Education Section, as well as the Award Winner's luncheon. Please be sure to congratulate these students on their accomplishment when you see them at the meeting. The Skinner Memorial Award is one of the highest honors AFS presents to our future fisheries professionals.

Also, special thanks to the members of the committee who once again this year graciously volunteered their time to review applications and select awardees: Katie Bertrand, Mary Bremigan, Jeff Jolley, Andrea Johnson, Scott Heppell, and our 2011 student representative, Michael Gatlin.



Dan Daugherty is a senior fisheries research biologist with the Texas Parks and Wildlife Department at the Heart of the Hills Fisheries Science Center and chair of the 2011 Skinner Memorial Award Committee. He can be reached at: Dan.Daugherty@tpwd.state.tx.

Best Student Paper/Poster Symposium

The Best Student Paper/Poster Symposium includes presentations and posters representing research in freshwater and marine ecosystems using approaches including theoretical and statistical modeling, molecular tools, laboratory experiments, and field manipulations and observations. The Best Student Paper Symposium will be held Monday afternoon and Tuesday morning. Judges will evaluate twenty-four presentations (out of 43 submissions) competing for the Best Student Paper award. Fourteen posters will be competing for the Best Student Poster award; posters will be available for viewing Monday evening. The judges will convene for lunch on Tuesday to decide the winners of the awards, and the awards will be announced at the AFS Business Meetings. Please plan on attending the oral presentations and poster session to support our students!

STUDENT EVENTS IN SEATTLE

Monday, Sept 5

- 1:15–5:15
Best Student Presentations (Day 1)
- 6:00–8:30
Student-Mentor Social

Tuesday, Sept 6

- 8:00–12:00
Best Student Presentations (Day 2)
- 12:00-2:00
Student Colloquium and Student/Mentor Luncheon
- 2:00–3:00
Student Subsection Business Meeting
- 5:30–7:30
Student Career Fair at the Seattle Aquarium
- 7:00-11:00
Student Social at the Seattle Aquarium

News from the Student Subsection

Student events at the Annual AFS meeting in Seattle

The Student Subsection has been busy planning for what will be a very exciting AFS meeting in Seattle. This year's annual meeting will have numerous student events (see inserted schedule) that should provide students with abundant opportunities to interact and network with peers, mentors, and potential future employers. As with previous years, the primary responsibility of the Student Subsection is coordinating the student colloquium. This year's colloquium will be in line with the meeting's theme "New Frontiers in Fisheries Management and Ecology: Leading the Way in a Changing World." Specifically, the colloquium will consist of a panel discussion from diversity of fisheries professionals (i.e., academia, federal, state, and tribal biologists, private consultant, NGO) to provide students with perspectives on the future of fisheries jobs and the qualification required to obtain them. Additionally, this year's event will combine the Student-Mentor Lunch and Student Colloquium. As such, mentors are invited to interact with student attendees over lunch. The panelist for the event will include:

Jay Hesse - Nez Perce Tribe

Zachary Jackson - U.S. Fish and Wildlife Service

Lori Martin - Colorado Division of Wildlife - Western Division President
Helen Neville - Trout Unlimited

Jesse Truenski - Southern Illinois University - Fish Culture Section President
Gwen White - D.J. Case and Associates - President-elect of the North Central Division

Expanding electronic services for Student Subsection members

In addition to planning for the upcoming annual meeting, the Student Subsection has also been working to increase the quality of member services. For example the Student Reviewer database has been revamped. The new student-reviewer database uses an online database structure that allows student reviewers to enter their information (e.g., contact information, referee experience, subject preference) into an online form which stores the information into a secure online database. Access to the new database is provided to journal editors by request. To sign up as a student reviewer, visit the Subsection website <http://www.fisheriessociety.org/edustu/index.php>. The Student Subsection is also now on Facebook. To find us, simply search "Student Subsection".

(Continued on Next Page)



News from the Student Subsection (Cont.)

New membership structure for students on the horizon

As a result of the overwhelming support obtained from the Student Subsection survey earlier this year, the Governing Board of the American Fisheries Society voted on and passed the motion to automatically enroll all student members of the Society in the Student Subsection of the Education Section.

As you may know, this process began well over a year ago and was led by then president, Mike Colvin. A similar motion was not passed at the 2010 mid-year meeting. However, the Subsection Excom, with the help of the Education Section, crafted a survey to determine support of such a motion. A total of 138 participants responded to the survey (88 student members, 50 nonstudent members). Among students, 89.7% of Subsection members (N = 39) and 85.7% of non-Subsection student members (N = 49) supported a motion to the AFS Governing Board to make student members of AFS automatic members of the Subsection. Similarly, 85.4% of non-student Education Section members (N = 41) and 88.9% on non-student and non-Education Section members (i.e., AFS members with no additional affiliation; N = 9) supported a motion to include all student members in the Student Subsection.

The results of this motion have several expected benefits for all student members of Society. Firstly, a unified student body consolidates several communication avenues into one channel, thereby reducing confusion and unnecessary redundancy. The motion also ameliorates the problem of representation of the interests of student members of the Society by a fraction of student members (i.e., Subsection members). As such, all student members of AFS now have the unrestricted opportunity to have a recognized voice and be directly involved in the governing of student related issues. Lastly, the recent action of integrating students into one group will increase the visibility, efficiency, and effectiveness of the Subsection.

Although the motion has been passed, work still remains to finalize the specific required actions (e.g., constitutional issues, membership renewal). The Subsection will keep you informed on the progress of this process as it plays out. Please feel free to contact me if you have any questions.

Jesse Fischer, Student Subsection President



Jesse Fischer is the Student Subsection President and Co-Editor of the Education Section Newsletter. He can be contacted at: fischer@iastate.edu

Cornell Students Host First NY-AFS Student Colloquium

On April 30, 2011, members of the newly formed Cornell University Student Sub-Unit of the American Fisheries Society organized the first ever NY-AFS Student Colloquium at the Cornell Biological Field Station in Bridgeport, NY. Funding for the event was provided by NY-AFS to promote increased communication between Sub-Units across New York State and help integrate students within the larger New York Chapter of AFS. The event was attended by 30 students from Cornell University, SUNY-ESF, SUNY-Cobleskill and the USGS office in Oswego, NY, and featured 14 presentations and 3 posters from both undergraduates and graduate students across NY State. Talks covered a variety of topics, including reducing pollution in hatchery effluent, determining habitat use with stable isotopes, and detecting illegal use of bleach in lobster fisheries, among others. Student research focused on study sites in NY, but it was clear that student interest in fisheries issues extends far beyond the boundaries of New York State, including research from Alaska, the Bahamas, and Arizona.

In addition to student talks, a panel of fisheries professionals from Cornell University, New York State Department of Environmental Conservation, United States Geological Survey, and New York State SeaGrant participated in a lively discussion on "Professional Development in Aquatic Sciences." While not attending talks, students participated in lively discussions about research, life at their respective universities, and future professional plans, all while enjoying ample food and drink. All in attendance agreed the event was a great success that should be held annually to continue fostering communication between fisheries students and professionals.

In the future, the responsibility of hosting the event will rotate across different Sub-Units to encourage continued participation by all universities and to help students gain increased familiarity with potential collaborators and resources across the region. The New York Chapter intends to continue supporting this effort as part of an active program to increase student participation in Chapter activities. Hopefully, this event will continue to integrate students from across New York State and expand throughout the Northeast Division of AFS.

Did You Know?

The Education Section provides funding of up to \$500 to help support regional student activities including student colloquiums! More information can be found on the "Funding Request" tab of the Education Section [Website](#)

Save The Date - 2011 WDAFS Student Colloquium October 6-8, 2011 at the University of Montana in Missoula

The University of Montana student sub-chapter of the American Fisheries Society is proud to host the 4th Annual Western Division of the American Fisheries Society Student Colloquium from Thursday, October 6th to Saturday, October 8th. Missoula, MT will be the site of research presentations, insightful field trips, and networking in an all-student environment. Please consider attending and/or presenting your research. Activities will include: Rafting Trip through Alberton Gorge, Tour of the Miltown Dam remediation site, Student Presentations, Networking Opportunities, and Plenty of Fly Fishing Time!

Details to be announced Fall 2011 - and will be posted soon at www.cfc.umt.edu/AFSStudentChapter
Questions? Contact Tracy Wendt (tracy.wendt@umontana.edu) or Mariel Maxted (mariel.maxted@umontana.edu)

New Book Underway!

Foundations of Fisheries Science

Fisheries science has become an increasingly popular, complex, and multi-disciplinary field. As students and fisheries professionals, there is a need to highlight seminal findings of the past that have helped shape the discipline of fisheries science. This new book project will be published by AFS and will be called *Foundations of Fisheries Science*. This book will compile seminal papers in fisheries science and reprint them in a textbook, with summaries and commentary from two editors and five section editors.

The goal of this book is to identify and bridge gaps in the field of fisheries science to help us move forward in tackling challenging and emerging issues in the management of fish stocks, populations, and communities. With the help of fisheries professionals from around the world, we plan to include about 40 total papers that have helped to mold the discipline of fisheries science.

The book will be edited by Greg G. Sass (Illinois Natural History Survey) and Micheal S. Allen (University of Florida). Sass and Allen have assembled five prominent fisheries scientists to serve as section editors and to aid in the development of *Foundations of Fisheries Science*.

Book Sections and Section Editors

Managing Fish Stocks, Carl J. Walters (University of British Columbia)

Managing People - Human Dimensions and Economics, Robert Arlinghaus (Humboldt-University at Berlin)

Managing Habitat and Ecosystems, Daniel E. Schindler (University of Washington)

Managing Fish Communities, James F. Kitchell (University of Wisconsin-Madison)

Managing Fisheries Enhancements, Kai Lorenzen (University of Florida)

Articles reprinted in "Foundations of Fisheries Science" will be determined through 1) an upcoming survey administered to the AFS membership, 2) our panel of editors, and 3) through journal citation reports when applicable. **The survey will initiate in September 2011, and your responses are needed to help make this book as comprehensive as possible!**

Education Section in Need of Newsletter Editor

After serving three years as the Newsletter Co-Editor for the Education Section, Joe Gerken is stepping aside. As such, the Education Section is in need of a new editor. The newsletter editor is responsible for soliciting information, combining articles into two semi-annual newsletters, and distributing newsletters to the membership. The newsletter editor is appointed by the President-Elect (currently Mike Quist). If you have any questions or are interested in serving the Education Section as a Co-Editor of the Newsletter please contact the current editors ([Joe Gerken](#) and [Jesse Fischer](#)) or [Mike Quist](#) for more information.



NEW Continuing Education Course

Sport Fishing Events 101: Hands-on Methods for Teaching Aquatic Stewardship and Responsible Angling Skills



Presented at the 141st Annual AFS Meeting in Seattle, Sunday, September 4, 8:00am-12pm

Instructors: Tom Lang, Kansas; Justin Wiggins, Connecticut; Breidi Scott, Missouri; Larry Pape, Nebraska; and Shahab Farzanegan, Oregon

Overview: Sport fishing events (fishing derbies, rodeos, clinics, etc.) are one of fisheries agencies' premier means of connecting and engaging with the public. Throughout the country these events annually engage hundreds of thousands of youth, women, novice anglers, advanced anglers, families, and urbanites. These events help teach the skills needed to participate in fishing, foster a love for fishing and the outdoors, and ultimately strive to guide the public to an understanding of the roles and importance of fish, fisheries, biologists, and fish and wildlife agencies. These events are a staple of many fisheries divisions and are often times conducted by the on-the-ground fish biologist. However, in most cases the educational background of fisheries professionals does not include the training needed to conduct these sorts of outreach events. By pulling from the collective knowledge of experienced aquatic educators and fisheries professionals, this course strives to provide fisheries scientists with the foundation to conduct fisheries outreach events. To register for this course visit: <http://afs2011.org/continuing-education/>.

Course Outline

1. *Introduction*
2. *Understanding the Sport Fishing Event Tool*
 - a. Types of events and what each has to offer: Fishing Derbies, Fishing Clinics, Family Fishing Events, School Field Trips, Advanced Angler Events, Cooking and Cleaning Demonstrations
 - b. Understanding your audience and tailoring your event
3. *Event Preparation*
 - a. Choosing a location and logistical considerations
 - b. Promoting your event to optimize participation
 - c. Acquiring, organizing, and maintaining volunteers and other partners
 - d. What supplies do I need?
4. *Where the Bobber Meets the Water*
 - a. Event outline
 - b. Registration and data collection
 - c. Tips for teaching the fishing basics of knot tying, rigging, casting, and retrieval
 - d. Fish cleaning and cooking demonstration considerations
 - e. School field trips, science, and connecting to fishing
 - f. Don't forget the FUN!
5. *Available Resources and Wrap Up*
 - a. What does AFS and AREA offer you?
 - b. What other national organizations are out there to help?
 - c. What are sources for acquiring program equipment?
 - d. Open discussion



EDITOR'S NOTE

Please feel free to contact us with any suggestions or comments on this issue or how we can improve on future issues. We encourage all members of the Education Section to start thinking of ideas and consider submitting an article for our next issue (January 2012). Articles, comments, or questions can be emailed to either of us at any time.

Sincerely,

Joe Gerken
Kansas Coop Fish and Wildlife Research Unit
Kansas State University
Manhattan, KS 66506
gerkenje@ksu.edu

And

Jesse Fischer
Dept. of Natural Resource Ecology and Management
Iowa State University
Ames, Iowa 50011
fischer@iastate.edu

