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President's Line

"The Times They Are a Changin'" [Bob Dylan]

If you have this album, you're probably an old geezer like me. Or maybe you're just a Dylan fan. But we all recognize that times do 'change' and that these changes have an important influence on our personal and professional lives. Many of us remember the pre-internet era and that first computer with 40 MB of space that we couldn't possibly fill up. Indeed, our society revolves around innovation, technology, and leading the way into the future. So why, then, did it take me so long to set up a Facebook page, or join a Blog, and yes (dare I say), learn how to 'Tweet'? Maybe, like an old South Dakota farmer once said, "I've seen a lot of changes in my life and have resisted every one". But that's not true. I've always embraced change and the challenge of learning something new. By now, many of you will recognize that this is not about me, it's about us – the baby boomers and generation X'ers – who find ourselves in the whirlwind of social media and networking—wondering what this is all about. Just ask any undergraduate or graduate student how frequently they read a newspaper or when they last visited the library on campus, and you will quickly realize what I mean. In today's world, young people don't have to search for the news --- it finds them. And our professional society is not immune to these changes. Young professionals are now accustomed to (and expect to) obtain and distribute information in ways congruent with the times. Fred Jansen (Southern Division President-elect) recently passed along an article about Socialnomics¹ that contained some interesting statistics; here are just a few.



Steve Chipps is the Assistant Unit Leader at the South Dakota Cooperative Fish and Wildlife Research Unit and can be reached at steven.chipps@sdstate.edu

1. By 2010 Gen Y will outnumber Baby Boomers....96% of them have joined a social network

2. 1 out of 8 couples married in the U.S. last year met via social media

3. Years to reach 50 millions users: Radio (38 Years), TV (13 Years), Internet(4 Years), iPod (3 Years)...Facebook added 100 million users in less than 9 months... iPhone applications hit 1 billion in 9 months.

4. 1 in 6 higher education students are enrolled in online curriculum Generation Y and Z consider e-mail passé...In 2009 Boston College stopped distributing e-mail addresses to incoming freshmen

Visit the Education Section of the American Fisheries Society online at: www.fisheries.org/units/education/

President's Line (cont)

As we think about our professional society and more specifically, our commitment to fisheries education, I would challenge everyone to embrace the changes occurring around us. It is easy to resist something we don't understand – pawn it off as just a fad? But social networking is changing the way students communicate and obtain information, and at the pace and scale it is moving, it will certainly affect all of us. The 'writing is on the wall' (of millions of Facebook pages), and we owe it to our students and our profession to change with the times. As members of the Education Section, we can all play a role in learning from each other. Take time and talk with young people about social networking, learn how they use these resources, and try them for yourself. Like me, you might find that it is a good time to learn from our students for a "change".

¹Socialnomics: How social media transforms the way we live and do business. By Erik Qualman.

President's note: Please join me in welcoming our new officers, Mike Quist (President-Elect), Craig Paukert (Secretary-Treasurer), and Tom Kwak (Past-President) to the Education Section. For updated information on Division representatives and Committee chairs, please check out our new and improved web page, designed by Mike Meeuwig and Steve Ranney. For those of you who missed the AFS meeting in Nashville, it was a great meeting and you can catch up on Education Section activities by reviewing our meeting minutes included in this newsletter. Best wishes to all, and hope you had safe and enjoyable holiday season.



Derek Aday is a professor at North Carolina State University and is the chair of the New Initiatives Committee. He can be reached at derek_aday@ncu.edu

New Initiatives Committee

Education Section Members,

I'd like to make you aware of our interest in developing new initiatives for the Education Section. Those of you that attended the annual business meeting know that we have a healthy bank account, and Steve and I are interested in developing new, meaningful outreach projects and ideas for the Ed Section.

The 'new initiatives committee' is interested in soliciting ideas and facilitating their development. Please contact me directly with your suggestions for making the Education Section as active and relevant as we can be.

We'll consider any and all suggestions, but we're most interested in 'big picture' ideas that will help shape current and future generations of educators and AFS members.



In case you didn't notice...

... you did not receive a second volume of the Education Section Newsletter in the Fall of 2009. This was not a mistake, but rather a decision made by the Editors (Joe Gerken and Jesse Fischer) and the Education Section ExCom to provide members with a more evenly-spaced distribution. In the past the Newsletter was distributed on a quarterly cycle (i.e., four times per year) and at sometime reduced in frequency to a summer and fall issue. Therefore, we chose to keep the July (i.e., "Summer") Newsletter, which is useful to distribute information before the annual meetings, and provide a Winter Newsletter in replacement of the Fall issue. If you have any thoughts or suggestions on this change please feel free to contact the Editors at fischer@iastate.edu and gerkenje@ksu.edu.

Status of Inland Fisheries Management in North America, 3rd edition

Michael Quist and Wayne Hubert

Inland Fisheries Management in North America is one of the most important and most popular textbooks in our profession. Although the text remains a staple for fisheries management courses across North America, the book is due for a revision. The second edition was published in 1999. In September 2006, Wayne Hubert and Michael Quist were approved by the Education and Fish Management sections to serve as co-editors of the third edition of the book. Since that time, substantial progress has been made.

An online survey of AFS members was conducted during January-May 2007 to provide guidance on the content and structure of the third edition. Respondents were asked to provide responses to questions regarding the structure and quality of the second edition and what they hoped to see in the third edition. Over 200 members of the society responded to the survey. In addition to the survey, a steering committee was established that has equal representation from the Fisheries Management and Education sections. The committee assisted the co-editors in determining the structure of the third edition and the identifying lead authors for individual chapters. The steering committee and co-editors utilized the results of the survey and their own experiences to develop a general outline for the third edition. The result is a book with 21 chapters that differs substantially from the first two editions. Following the development of a general outline, the co-editors contacted potential lead authors soliciting their participation in the book project and a cadre of lead authors was identified. Lead authors were charged with the responsibility of identifying collaborating authors that would bring additional expertise and diversity to the effort.

The first draft of chapters was due on January 1, 2008. All of the chapters have been received by the editors and are now in various stages of review. Peer-reviews have been obtained for 20 of the chapters. Fifteen chapters are currently being copy edited. We anticipate having the chapters assimilated into a complete manuscript of the book by the end of February 2010.

Excellence in Fisheries Education Award

2010 CALL FOR NOMINATIONS

The 2009 recipient of the Excellence in Fisheries Education Award was Dr. Michael Hansen of University of Wisconsin Stevens Point. Michael received his award at the Annual AFS meeting in Nashville from AFS President Bill Franzin.

The American Fisheries Society (AFS) Excellence in Fisheries Education Award was established in 1988. The award is administered by the Education Section and is presented to an individual 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. Two or more people may act as nominators, but at least one nominator must be an AFS member. The nominator(s) is responsible for compiling supporting material and submitting the application. The suggested format for applications can be found on the Education Section web site. Application materials should be sent to Jason Yokoun (jason.vokoun@uconn.edu) in digital form.



Nomination deadline is May 14, 2010. Additional information can be obtained from:

Jason Yokoun
 Chair, Excellence in Fisheries Education Committee
 Dept. of Natural Resources and the Environment
 University of Connecticut
 Phone: (860) 486-0141
 Email: jason.vokoun@uconn.edu

Student Award Papers/Posters

Students – just a reminder that the registration deadline for Best student paper and poster is February 5, 2010. This submission process is the same as the contributed abstract submission, with some extra requirements.

To be considered for an award, applicants must:

- (1) submit an extended abstract to the committee and
- (2) have their advisor indicate on the website that the study is at the stage appropriate for award consideration.

For more information, visit the AFS web page at

<http://afs.confex.com/afs/2010/student/cfp.cgi>



Education Section Election Raffle

As you may remember, the Education Section held elections for several executive committee positions last year prior to the annual meeting in Nashville. As an incentive to increase voting participation, all Education section members who voted were entered into a raffle for a free prize. The incentive resulted in an excellent turnout in the number of members who voted. The raffle prize was an official T-shirt of the Nashville AFS meeting, which was donated and shipped to the winner by the Tennessee AFS Chapter. The winner was Bill Glass, a Ph.D. student at the University of Ontario who graciously provided a photo himself and the t-shirt.



Membership Committee

Happy New Year! The Membership Committee would first like to remind you to renew your membership with the Education Section. We are working on recruitment and retention measures this year, and we've given some thought to the following items:

We'd like to increase our budget for the Education Section Social at the annual meeting. We've also been considering online (but free) registration for the Education Social so that we are more visible on the registration form and so that we have an estimate of attendance.

We propose offering one or two scholarships to Ed. Section members.

We'd like to stay a visible part of the Student Subsection, and one way to do this is to ensure they receive all newsletters and announcements from the Ed. Section.

These are just a few ideas that we have been developing. If you have any thoughts or suggestions, please do not hesitate to e-mail Mark Fincel (Mark.Fincel@sdstate.edu) and Kristal Schneider (ewell002@umn.edu). We also welcome anyone who would like to become a member of the Membership Committee.



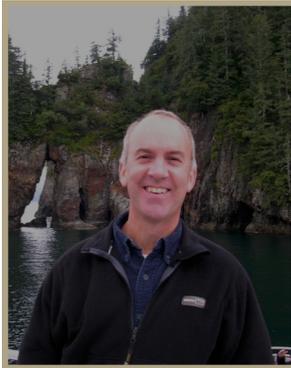
John E. Skinner Memorial Award

2010 CALL FOR NOMINATIONS

The John E. Skinner Memorial Fund was established in memory of John Skinner, former California-Nevada Chapter and Western Division AFS President. The fund provides monetary travel awards for deserving graduate students or exceptional undergraduate students to attend the AFS annual meeting. The 2010 meeting will be held in Pittsburgh, Pennsylvania, September 12-16.

Any student who is active in fisheries or related aquatic disciplines and is not a previous Skinner Award winner is eligible to apply. Awardees are chosen by a committee of the AFS Education Section. Selection is based on academic qualifications, professional service, and reasons for attending the meeting. Travel support (up to \$800 per award) will be made available to successful applicants. Award winners will also receive a one year paid membership to the American Fisheries Society.

Applications for 2010 for the student and advisor (separate forms) will be available in January (<http://www.fisheries.org/afs/awards.html>). Completed applications must be received no later than May 7, 2010.



For more information about the Skinner Award, contact:

Dr. Joseph E Hightower
 U.S. Geological Survey
 NC Cooperative Fish and Wildlife Research Unit
 Campus Box 7617, NC State University
 Raleigh, NC 27695-7617
 Phone: (919) 515-8836
 Fax: (919) 515-4454
jhightower@ncsu.edu

Financial contribution made to the Student Subsection!

LoligoSystems recently made a contribution to the Student Subsection of the AFS Education Section. We have made donations to biology students right from the start of the company in 2002. Usually we sponsor cash prizes for best student poster and oral presentation, but we also consider student travel grants in the future. Why are we doing this? Well, apart from the sheer joy of giving (and being invited to student socials like the recent one at famous Wildhorse Saloon Nashville), I guess the answer has to do with a strong feeling for the international scientific community. Our hope is to attract more students to fish biology research, and support students going to those important meetings or conferences that can mean the world for your carriers. I would like to thank the Student Subsection Past President, Kristal Schneider, and the Executive Committee for this opportunity.

Best Wishes - Jannik Herskin

EDUCATION SECTION OF THE AMERICAN FISHERIES



Education Section Member Honored

The AFS Fish Culture Section and the U.S. Aquaculture Society are pleased to announce the recipient of the 1st joint FCS/USAS Best Student Abstract Travel Award is...drumroll please...Heidi Lewis of Southern Illinois University! The judging panel, comprised of leaders from both organizations, was presented with a very difficult task—our student members are doing great work and definitely know how to put together a clear, concise, informative abstracts!

Heidi will present her paper, entitled “PLANT-BASED LIPID BLENDS CAN COMPLETELY REPLACE MENHADEN FISH OIL IN FEMALE WHITE BASS BROODSTOCK DIETS WITHOUT IMPACTING EMBRYONIC OR LARVAL SURVIVAL”, at AQUA 2010 this coming March. We look forward to seeing her presentation, and many other excellent papers being presented by student members of the FCS and USAS.

See you in San Diego!



Heidi Lewis is a PhD candidate at Southern Illinois University in the Fisheries and Illinois Aquaculture Center.

Fisheries Education Outreach

Dear Fellow Education Section Members-

Just a short note to inform you of a project that I am excited about, and may be of interest to you all. The project is titled ‘Aquatic macroinvertebrates as a Tool for educating Area High School Students about Onondaga Lake’ and it has been initiated with the support of my organization, the Upstate Freshwater Institute and a grant from the Onondaga Lake Partnership. Onondaga Lake is located in metropolitan Syracuse, NY and has been heavily impacted by industrial and municipal waste for well over a century. The result of these impacts has led Onondaga Lake to be labeled as one of the “most polluted lakes in the world”. Cleanup efforts have been underway for well over a decade and the lake has begun to show a very positive response. Much of this work has been documented in the peer-reviewed literature and it is an interesting story.

I will be visiting most of the Syracuse City High Schools with a microscope/camera setup and will display the images on a large screen with a digital projector. I am going to use living aquatic macroinvertebrates collected from the littoral zone as the basis for a program about the general ecology of the lake. Many of the students I will speak to have had little introduction to aquatic insects. I have had an enthusiastic response from many teachers and hope that this program will engender interest among the students about Onondaga Lake, aquatic macroinvertebrates, and aquatic ecology in general. Maybe I’ll get a few more recruits into this profession?



Michael Spada is a Research Scientist at the Upstate Freshwater Institute in Syracuse, New York. He can be contacted at mespada@upstatefreshwater.org.



Michael Colvin is the president of the Student Subsection of the Education Section and can be reached at mcolvin@iastate.edu

Kristen Pilcher (U of ID) with a northern pike during the WDAFS student colloquium sampling of College Lake near Fort Collins, CO.



Student Subsection News

A Message from the President

The new EXCOM of the Student Subsection AFS was instated in August at the annual meeting in Nashville and have been diligently working on several projects to benefit student members of the AFS. This year marked the first year that the Student Subsection was able to facilitate funding of regional student colloquiums. Funding was allocated to the Colorado State University for a colloquium held in October and to Kansas State University Student Unit for an upcoming colloquium on January 20th. We also welcome the efforts of Tarah Johnson from the University of Idaho as the new volunteer webmaster. The Student Subsection is also in the process of a major reconstruction of the website to improve communication and visibility to students. Planning by the EXCOM is underway for the Student Colloquium at the annual meeting in Pittsburgh that will focus on the history, foundations, and ongoing development of fisheries science. We are looking forward to a productive 2010!

Michael Colvin, President of the Student Subsection

Highlighting Student Divisions

Western Division

The Second Annual Western Division Student Colloquium was hosted by Colorado State University in Fort Collins this past October. Nearly 30 students (undergraduate and graduate) were in attendance from Montana State, Oregon State, Colorado State, and Wyoming. Colorado State graciously provided lodging for all students that travel to the meeting. A total of 10 oral presentations were given by two undergraduate and eight graduate students. Best presentation awards went to Lubia Cajas (University of Idaho) and Lora Tennant (Montana State) which received a textbook from AFS. In addition to presentations, the colloquium had a showing of RiverWebs (Kurt Fausch documentary on terrestrial and aquatic food web linkages) that went over extremely well. The event also included a field sampling day at College Lake where some students were able to capture and handle their first northern pike. The University of Idaho was named the host of next year's colloquium to be held in Moscow.



Highlighting Student Divisions (cont)

North Central Division

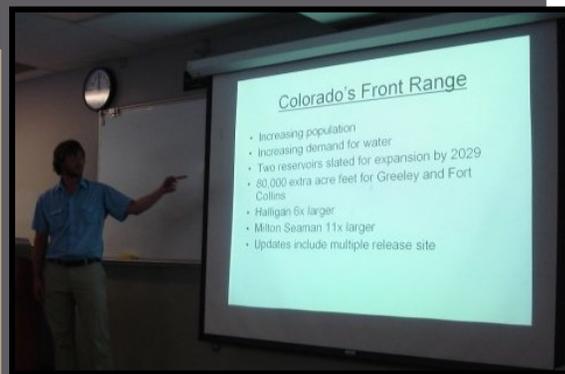
I am very proud to report North Central Division Student Subunits and students were very accomplished this last year and appropriately recognized. At the national level South Dakota State University's Mellisa Wuellner received the Distinguished Service Award from the Parent Society. Justin VanDeHey from South Dakota State and Joe Gerken from Kansas State University also received the Skinner Awards in Nashville. Lake Superior State University tied for the well deserved Outstanding Student Subunit Award. Despite extreme wintery weather, North Central Division students were well represented at the 70th Midwest Fish and Wildlife Conference in Springfield, Illinois where Iowa State undergraduate student Rebecca Burch was recognized with the Janice Lee Fenske Memorial Award. Iowa State University also tied with Lake Superior State University for the Most Active North Central Division Student Subunit Award. Students are very excited for the 3rd Annual Midwest Student Fisheries Colloquium being hosted by Kansas State University at the Konza Prairie Biological Research Station this January. A good turnout is expected and a great time is guaranteed. I encourage all students to represent their schools by attending future Midwest Student Fisheries Colloquiums. They offer a great opportunity to present your research and meet other AFS students in a relaxed and peer-friendly environment. As usual, Student Subunit members worked hard this last year volunteering with local agencies on various monitoring and cleanup projects, organizing and leading public education events, assisting with research projects, and hosting a variety of fund raising events. As the North Central Division Student Subsection Representative I would like to thank all of the students for their hard work this last year and I am looking forward to seeing your future accomplishments.

Tony Sindt, North Central Student Subsection Representative



Tony Sindt is the North Central Student Division Representative. He can be contacted at arsindt@iastate.edu.

Lubia Cajas (U of ID) and Nate Cathcart (CSU) presenting research at the 2nd WDAFS Student Colloquium hosted by Colorado State University, October 22-24.



2009 Business Meeting Minutes

Minutes of the Annual Business Meeting -- Education Section
2009 Annual Meeting of the American Fisheries Society
Nashville, Tennessee
August 30, 2009

Call to Order—Meeting was called to order by President Tom Kwak.

Introduction of Guests—Kwak recognized current officers of the Education Section, including the immediate Past-President, Donna Parrish; President-Elect, Steve Chipps; and the Secretary-Treasurer, Mike Quist. He also recognized the current leadership of AFS, including the immediate Past-President, Mary Fabrizio; President-elect, Don Jackson; 1st Vice-President, Wayne Hubert; and the Constitutional Consultant, Gwen White. Kwak then recognized Past-Presidents of the Education Section in attendance, including Brian Murphy, Joe Margraf, Al Zale, Chris Guy, and Wayne Hubert, and past Secretary-Treasurer, Kevin Pope.

Determination of Quorum—A quorum (10% of membership) was present and confirmed by Quist.

Approval of Agenda—Kwak introduced agenda. Mark Pegg moved to approve the agenda as written; Mary Fabrizio seconded the motion. Motion carried.

Approval of Minutes from 2008 Business Meeting—Bruce Vondracek moved to approve the minutes from the 2008 Education Section meeting as written; Kristal Schneider seconded the motion. Motion carried.

President's Comments—Kwak acknowledged and discussed the benefits of membership in the Education Section and highlighted two important accomplishments of the Section. First, he recognized the resolution focused on the teaching of alternatives to evolution in public schools. The resolution originated in the Education Section through the efforts of Randy Jackson, passed a vote of the AFS membership, and was published in the March 2008 issue of *Fisheries*. A letter of dissenting opinion of the resolution was later published in the February 2009 issue of *Fisheries*, along with a response by Section officers Jackson, Kwak, and Parrish. Second, Kwak discussed how U.S. Congress ordered an evaluation of the shortage of fishery stock assessment specialists. As a result, Kevin Hunt surveyed universities and Jim Berkson surveyed agencies to provide information on the supply and demand of stock assessment scientists. The result of this effort was a series of papers published in the May issue of *Fisheries*. Kwak explained how these are two examples of how the Education Section is relevant to the Society and the profession, and that volunteerism is alive and well in the Section. He thanked all those who had a part in these efforts. Lastly, Kwak discussed how the Education Section continues to represent a dedicated core within AFS. He also mentioned how membership in the Section is largely dominated by students and those in academia and that the Section might consider ways to increase participation by professionals working for state and federal natural resource agencies.

Treasurer's report—Quist presented the Treasurer's report. Total assets of the Section as of August 30, 2009 were \$185,028.01. The balance forward from August 17, 2008 was \$156,693.47, income from the previous year was \$53,058.90, and expenditures were \$24,724.36.

Report by AFS officer—President-elect Don Jackson discussed the benefits of becoming involved in AFS. He specifically commented on the high level of activity of Education Section members, including the fact that many leaders in AFS came from the Education Section. Lastly, he encour-



2009 Business Meeting Minutes (continued)

aged the membership to get involved and invited all to contact him with comments and ideas.

Committee Reports

Newsletter: Newsletter editors, Jesse Fischer and Joe Gerken thanked those who have contributed to the newsletter. They commented that the hardest component of serving on the committee is obtaining submissions and asked that anyone with something to contribute please contact them. Their contact information is available on the Education Section website, as is the latest version of the newsletter.

Web page: Mike Meeuwig noted that he has recruited Steve Ranney to help with developing and maintain the website. They have revised the design (e.g., color scheme) and hope to transfer information from the old site to the new website in the near future. Meeuwig noted that responsibility for the website will be transferred to Ranney.

Excellence in Fisheries Education: Quist described the award and nomination procedure, and thanked committee members for their service. He noted that committee members serve a three-year term and that a student and a representative from the Western Division are needed to complete the committee. Quist noted that there were three, well-deserving nominations for the 2009 Excellence in Fisheries Education award. Quist asked Patrick Schmalz to summarize the nomination for Mike Hansen, this year's award winner. Schmalz highlighted Hansen's many accomplishments as an educator and his strong commitment to undergraduate and graduate education. Hansen thanked the committee for selecting him for the award and noted that this award is one of the greatest honors of his career.

Skinner Committee: Joseph Hightower thanked those who served on the 2009 John E. Skinner Memorial Award Committee, including Dan Daugherty, Pat Braaten, Jason Vokoun, Scott Heppell, and Robin DeBruyne. The Committee received 43 applications for the Skinner Memorial Award and was able to provide 10 Skinner Awards and five Honorable Mentions.

The 2009 Award winners were: Marybeth Brey (North Carolina State University), Joe Gerken (Kansas State University), Marie-Ange Gravel (Carleton University), Andrew Hafs (West Virginia University), Caleb Hasler (Carleton University), Tarah Johnson (University of Idaho), Cecilia Krahforst (East Carolina University), Karen Murchie (Carleton University), Lora Tennant (Montana State University), and Justin VanDeHey (South Dakota State University). Honorable mentions were: Alison Colotelo (Carleton University), Daniel Farrae (University of Georgia), Connie O'Connor (Carleton University), James Thorson (Virginia Tech), and Daniel Weaver (North Carolina State University).

Student posters/papers 2008: Kwak summarized the process associated with the Best Student Paper and Poster Awards. He introduced Trent Sutton (committee Chair) and thanked him for his efforts. Sutton then presented the results from last year's student judging efforts. One best student paper (Ryan Utz) and two honorable mentions (Heidi Lewis, Cassandra May) were awarded at the 2008 meeting. One best student poster (William Glass) was awarded. Sutton thanked all those who presented papers and posters and the judges.

Student posters/papers 2009: Jim Peterson thanked Rich Fulford for his assistance on the committee and described the process for this year's meeting. Peterson noted 20 student papers and 7 student posters were selected for judging, based on submitted extended abstracts. Students competing for best paper will present their work during a symposium where all talks are judged by the same panel of judges. The committee will meet after the symposium to select winners of the best student paper and poster entries and winners will be announced at the 2009 AFS business meeting on Tuesday afternoon.

2009 Business Meeting Minutes (continued)

Program committee: Chipps noted that Education Section activities were well represented at the meeting. He highlighted the teaching practices symposium on Thursday and encouraged members to attend. Chipps also discussed the student feedback process. In particular, he reviewed how student presentations do not receive automatic feedback now that the special symposia are used to judge the best student paper and poster presentations. He noted that student presenters will be announced during the meeting prior to their talks and whether or not the student desires feedback from the audience. Forms will be available in every room and he encouraged members to take the process seriously and provide feedback to students. Lastly, Chipps highlighted the student colloquium and encouraged everyone to attend.

Nominating committee: Parrish noted that the Section voted for two officers and two Division representatives. She reported that Quist was elected as the President-Elect, Craig Paukert was elected as the Secretary-Treasurer, Peterson was elected as the Southern Division Representative, and Dan Dauwalter was elected as the Western Division Representative. Parrish randomly selected one name from all the 87 who voted, William Glass, to receive a T-shirt from the Section.

Ad hoc committee & Special projects

Standard Methods for Sampling North American Freshwater Fishes. Scott Bonar thanked Section members for contributions to the book. Dave Willis and Hubert served as co-editors with Bonar on this new book. The book includes 15 chapters covering standardized sampling techniques for lakes, ponds, and rivers. Bonar reported that the book was recently published. Kwak noted that AFS staff informed him that the book has been selling extremely well.

Fisheries Techniques (3rd edition). Zale told the membership that the book is making progress. Some of the chapters are complete, others need a little work, others need quite a bit of revision, and some chapters are still in need of significant attention. Zale and his co-editors (Parrish, Sutton) hope the book will be published by fall 2010.

Inland Fisheries Management in North America (3rd edition). Quist and Hubert are serving as editors for the third edition. Quist reviewed the process of structuring the book and selecting authors. The book will contain 21 chapters and will be quite different from previous versions of the book. An ambitious time-line was established: January 1, 2008. To date, all but one of the chapters have been submitted for review. A first draft has been received for one chapter and the authors are now preparing a second draft for peer review. A second draft has been completed for three chapters that are currently undergoing peer review. Peer reviews have been obtained for three chapters and the authors are working on the final draft. Thirteen chapters are ready for copy editing. Quist reported that all of the chapters received have been well-written, well-organized, and should be of high interest to fisheries students and professionals. Their goal is to have all of the chapters submitted, reviewed, revised, and to AFS by the end of 2009. Quist also noted that cost for the graphic design artist have totaled \$1,560. This represents about half of estimated cost. As such, the cost to the Section for the figures will be substantially less than originally anticipated.

Scientific Communication book. Cecil Jennings discussed the history of the book project. The project started in 2007, but noted that it took quite a bit of time to identify author teams. There are 14 chapters; 12 chapters have been submitted (half of which have been revised) and the editors are ready to accept five or six chapters. Two of the chapters have not been submitted. One of these chapters should be ready for submission in the near future and the other is an introductory chapter that must be written after all of the chapters are complete. Jennings noted that he and co-editors Tom Lauer and Bruce Vondracek hope to have the book completed by the end of 2010.

New Initiatives Committee. Committee Chair Aday listed a number of new initiatives being considered by the committee. The Education Section is financially secure and this committee will brainstorm



2009 Business Meeting Minutes (continued)

about how to best use those funds to meet the Education Section's mission.

Additional Reports

Student Subsection: President Kristal Schneider reported that the Subsection remains active and highlighted several activities. First, she mentioned the student colloquium focused on the chronology of a career in fisheries. The symposium will consist of three invited speakers. She encouraged everyone to attend. Second, Schneider mentioned how the Subsection has tried to increase membership of students in various units of AFS. To accomplish this goal, Subsection members have written several Student Angle's focused on member benefits. She also mentioned how the Subsection has multiple web-based resources, including forums, Google discussion groups, et cetera. Schneider ended by reporting that Mike Colvin will be the incoming President of the Subsection.

Student-Mentor lunch: Mark Pegg announced the Student-Mentor lunch. He noted that everything appears to be progressing well except that the list of students he received from AFS was quite different than his contact list. Regardless, Pegg was confident that any issues would be resolved and the lunch would be a success.

Skinner challenge: Quist gave a summary of the challenge. To date, donations have totaled \$13,070 and the Education Section has contributed \$38,070 (\$25,000 + \$13,070 in matching funds) for a total contribution of \$51,140. Donations have been received from the following: Fish Culture Section, Fisheries Information and Technology Section, Introduced Fishes Section, Bioengineering Section, Marine Fishes Section, Fish Health Section, Fisheries Management Section, Fisheries Administration Section, Student Subsection of the Education Section, Northeast Division, Southern Division, Dakota Chapter, Wisconsin Chapter, Electric Power Research Institute, Mary Fabrizio, Bill Franzin, Christine Moffitt, Scott LaPatra, Thom Lewis, and one anonymous contributor.

Hutton program update: Katherine Winkler discussed the summer mentoring program for high-school students and thanked the Education Section for its past support of the program. Winkler highlighted the success of the program. Based largely on input from the Education Section, the AFS Governing Board and Hutton Oversight Committee have decided to promote contribution to the Hutton endowment. Winkler noted that the new Hutton facebook group is functional. She also noted several changes implemented by the Hutton Oversight Committee. Beginning in 2010, the program will no longer accept high school sophomores; only juniors and seniors will be accepted. Additionally, the program will no longer accept repeat applications. Winkler ended by discussing some of the accomplishments and past Hutton scholars.

Kwak reminded the membership of the Education Section's role in the Hutton Program and thanked the AFS leadership for increasing attention on the endowment. Chipps then made a motion from the Education Section EXCOM to contribute \$5,000 to the Hutton endowment. Kwak noted that this motion is a one-time contribution and that the Section will need to re-evaluate whether or not it wants to contribute each year. The motion passed unanimously.

Other Awards and Recognition of Outgoing Officers

Kwak presented Derek Aday with a certificate of appreciation for serving as the Southern Division Representative. He then presented Quist with a certificate of appreciation for his service as Secretary-Treasurer. Lastly, Chipps presented Kwak with a certificate for his service as President of the Section. Also, Chipps gave Kwak a T-shirt that displayed the Section's new logo.

2009 Business Meeting Minutes (continued)

Kwak reminded the membership of the Education Section's role in the Hutton Program and thanked the AFS leadership for increasing attention on the endowment. Chipps then made a motion from the Education Section EXCOM to contribute \$5,000 to the Hutton endowment. Kwak noted that this motion is a one-time contribution and that the Section will need to re-evaluate whether or not it wants to contribute each year. The motion passed unanimously.

Other Awards and Recognition of Outgoing Officers

Kwak presented Derek Aday with a certificate of appreciation for serving as the Southern Division Representative. He then presented Quist with a certificate of appreciation for his service as Secretary-Treasurer. Lastly, Chipps presented Kwak with a certificate for his service as President of the Section. Also, Chipps gave Kwak a T-shirt that displayed the Section's new logo.

Old Business

White thanked the Section for support of the Equal Opportunities Section travel award. She also noted that although we have made excellent progress, we need to do a better job of integrating minorities in AFS and the profession. Larry Alade (Equal Opportunities Section—President) thanked the Education Section for its support and announced a symposium focused on diversity in the profession that will be presented on Tuesday and Wednesday.

Kwak reported that the 2nd International Catfish Symposium is coming together nicely. The meeting will be held in St. Louis, Missouri, June 20-22, 2010. The symposium organizers are encouraging student involvement.

Kwak discussed how the Education Section lacked a logo. The Subsection held a contest and the winning submission was provided by Jesse Fischer. Fischer will receive \$200 from the Education Section towards the purchase of books from AFS.

Installation of New Officers

The new officers of the Section were installed: President, Steve Chipps; President-Elect, Mike Quist; and Secretary-Treasurer, Craig Paukert.

New Business and Announcements

Chipps stated his appreciation for the opportunity to serve the Section and thanked past leadership for taking good care of the Section. Chipps discussed the need for new initiatives and ideas. The Section is in excellent shape financially. Chipps noted how the Section has been in a "revision phase" where many of the book projects are revisions, not new projects. Therefore, Chipps challenged the membership to think about ways of enhancing outreach and education by the Section through new projects.

Pat Mazik announced new abstract submission software for meetings. Also, AFS is looking towards the Education Section for continuing education ideas.

Adjournment

Pegg made a motion to adjourn the meeting; seconded by Hightower. Motion carried.

Respectfully submitted by Michael C. Quist, Secretary-Treasurer.



Mike Quist is an assistant professor at Iowa State University. He can be contacted at mcquist@iastate.edu

EDITOR'S NOTE

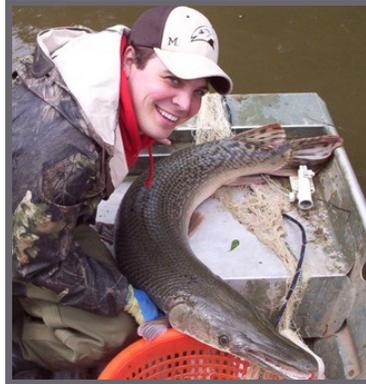
Feel free to contact us with any suggestions and comments. We would like to encourage submissions and ideas for next issue (July 2010). Contributions, comments and suggestion may be emailed to either of us at anytime.

Sincerely,

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and

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ATTENTION

3RD ANNUAL WDAFS STUDENT FISHERIES COLLOQUIUM

The Palouse Student Subunit is pleased to announce that the 3rd Annual WDAFS Student Colloquium will be held in mid-October at the University of Idaho in Moscow, Idaho. Undergraduates, graduate students, and post docs from all Western Division AFS Student Units are invited to attend and present. There will be opportunities to socialize and network with colleagues, explore and participate in activities that northern Idaho offers, and gain experience presenting research in a formal setting. Planning is currently underway so be on the lookout for more details in the coming months about the 3rd Annual WDAFS Student Colloquium.

If you would like more information, please contact Kelly Stockton, stoc4872@vandals.uidaho.edu.

