



North Carolina Chapter of the American Fisheries Society  
2018 Business Meeting  
Morganton Community House  
Morganton, NC

February 22, 2018

1. Call to Order, Corey Oakley, President
  - a. Motion to start – Dave Coughlan
  - b. Second – David Yow
  - c. Meeting was called to order at 13:53
2. Determination of Quorum, Kelsey Lincoln, Secretary/Treasurer (13:54)
  - a. A quorum, defined as 20 or more paid chapter members was present
3. Welcome and Introductions, Corey Oakley, President (13:54)
  - a. AFS Parent Society EXCOM in attendance
    - i. None was in attendance
  - b. AFS Past President(s) in attendance
    - i. Fred Harris was present
  - c. AFS Southern Division and Past-President(s) in attendance
    - i. Fred Harris and Dave Coughlan were present
  - d. NC AFS Past-Presidents in attendance
    - i. Mike Abney, Greg Cope, Dave Coughlan, John Crutchfield, Don Degan, Lawrence Dorsey, Fred Harris, Brena Jones, Tom Kwak, Jim Rice, Kim Sparks, Chris Wood, and David Yow were present.
4. February 2017 Business Meeting Minutes, Corey Oakley, President
  - a. Motion to Approve – Jennifer Archambault
  - b. Second – Ani Popp
  - c. Vote – unanimous in favor of accepting the minutes as written at 13:56
5. Committee Reports
  - a. Program and Arrangements, Tyler Black, President-Elect and Chair 13:56
    - i. 87 persons attended the meeting, 44 persons attended the climate change workshop
    - ii. There were 7 presentations by students, 13 presentations by professionals, and 13 lightning talks
    - iii. Thanks to Program Committee – Bryn Tracy
    - iv. Thanks to our sponsors – Duke Energy, Three Oaks engineering, and RK&K
  - b. Education and Outreach, Chris Wood, Chair 13:58

- i. Results of poll from last year, top workshop topics (climate change, invasive species, R, genetics, fish identification, human dimensions, fish diseases)
  - c. Nominations, Michael Gangloff, Chair and Past-President 14:01
    - i. Committee members - Jennifer Archambault and Corey Oakley
    - ii. Nominated Jacob Rash and Tim Savidge for president
    - iii. Jacob Rash won (49 paid members voted)
  - d. Newsletter, Kevin Hining, Chair 14:02
    - i. Committee members – Kevin Hining, Brena Jones, Dave Coughlan, Bryn Tracy, Ben Ricks
    - ii. Mentioned that he was happy to continue as chair or to pass along to newer members
    - iii. See attached Communications Committee report
  - e. Environmental Concerns, Jennifer Archambault, Chair 14:03
    - i. Committee members - Marla Chambers, Reid Garrett, Kyle Rachels, and Ben Ricks
    - ii. See attached committee report
  - f. Webmaster/Communications, Brena Jones 14:09
    - i. Committee members -
    - ii. 1,700 website views this year and 157 podcast views
    - iii. See Communication Committee report
  - g. Awards, John Crutchfield, Chair 14:10
    - i. Committee members – John Crutchfield and Greg Cope
    - ii. 2017 Student Travel Awards – \$400 each to attend the national AFS meeting to Steven Lombardo and Stephen Parker
    - iii. 2017 Best Student Paper Award – Brendan Runde
    - iv. 2017 Best Professional Paper Award – Clint Morgeson
    - v. John announced his retirement as Co-Chair of the Awards Committee
    - vi. See attached committee report
- 6. Secretary Treasurer and Finance Committee Report, Kelsey Lincoln, Secretary/Treasurer 14:15
  - a. Committee members
  - b. See attached committee report
- 7. NCSU Student Fisheries Subunit, Riley Gallagher and Steven Parker, Co-Presidents 14:22
  - a. Overview of activities and volunteer events
  - b. Won the Southern Division's Outstanding Subunit Award, again
  - c. Made \$1,400 at student raffle and accepted a \$500 donation from Local Seafoods located in Raleigh, NC
- 8. SDAFS News and Comments, Dave Coughlan 14:26
  - a. Puerto Rico update (\$6,000 available for student lodging, travel support available to local attendees)
  - b. Future division meeting locations
  - c. Announced Tom Kwak as the next Vice President of SDAFS
- 9. Southern Division Host 2023 14:31
  - a. Discussed logistics, planning time needed, profit needed, and possible locations (Raleigh was suggested)

- b. Motion to communicate with the NCWRC about commitment to SDAFS – Dave Coughlan
  - c. Second – Jim Rice
10. Proposal to discuss funding methods for the EXCOM and chapter 14:39
- a. Discussed concerns regarding spending versus saving funds in all accounts, the amount that should be spent every year, possibility of a committee for donations, and deadlines, and the possibility of online voting for changes
  - b. Discussed rolling money earned from previous meeting or from stock funds into reducing registration costs for future meetings (determined this can be decided by EXCOM each year)
  - c. Motion to set a minimum account balance in General Fund of 20,000 – Jim Rice
  - d. Second – Ani Popp
  - e. Proposal will be edited and re-submitted to chapter
11. Proposal to add an undergraduate student award in order to attend the NC AFS meeting 15:06
- a. Motion to amend proposed change to include a chapter membership with award - Jim Rice
  - b. Motion to approve amendment – Christian Waters
  - c. Second – David Yow
12. Awards Presentation, John Crutchfield, Chair Awards Committee 15:09
- a. John thanked the judges Dave Coughlan, Brena Jones, Bryn Tracy, and Chris Wood, Greg Cope, John Crutchfield, Todd Ewing, and TR Russ.
  - b. Best Student Paper Award 15:11
    - i. Jennifer Archambault
    - ii. See committee report
  - c. Best Professional Paper Award 15:12
    - i. Powell Wheeler
    - ii. See committee report
  - d. Jerry Finke Distinguished Service Award 13:13
    - i. Kim Sparks
    - ii. Kim Sparks acceptance speech
    - iii. See committee report
  - e. Fred A. Harris Conservation Award 13:16
    - i. Erin McCombs
    - ii. Mike Gangloff accepted award on Erin's behalf
    - iii. See committee report
13. Installation of Newly-Elected Officers, Corey Oakley, President 13:23
- a. Corey welcomed Jacob Rash as the new President-Elect
14. Remarks by Incoming President, Tyler Black 13:25
- a. Presented Corey Oakley with the Service Award
  - b. Meeting Adjourned 13:27

**Environmental Concerns Committee Update  
Submitted by Jennifer Archambault, Chair**

Mission

*To promote the conservation and responsible management of aquatic species and their habitat, to identify actions that may harm or benefit an aquatic resource, to consider a position when deemed necessary, and to provide a forum for the exchange of ideas, information, and concerns through committee meetings, the NCAFS newsletter, and other correspondence.*

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The current members of the Environmental Concerns Committee are: Marla Chambers, Reid Garrett, Kyle Rachels, and Ben Ricks. Since our last business meeting, we have considered a number of issues brought to our attention by Chapter members or the EXCOM, including: supporting state species listings, proposed striped bass legislation, riparian buffer rule legislation, pending off shore drilling legislation, and the proposed Recovering America's Wildlife Act. The state striped bass legislation (State HB 853) was dropped, and the comment period for state species listings was closed shortly after we became aware of it, so the ECC did not submit letters on behalf of NCAFS.

We did submit a letter to the NC General Assembly in May 2017, addressed to House Speaker Tim Moore and Senate President Pro Tem Phil Burger and emailed to them and all Senate members, voicing concerns about Senate Bill S434 that included (among other environmental rule changes) reduction of protections for riparian buffers. I received a couple of responses directly from legislators regarding their appreciation of our input and their opposition to the bill; it was killed in the Senate. Fred Harris, as our liaison with the NC Wildlife Foundation alerted us of this bill and informed us afterward that our voice was important in helping to stop the rule changes.

More recently, off-shore drilling has returned to the forefront of issues concerning North Carolinians in response to a proposal by the Trump Administration. Earlier this month, Governor Cooper, along with representatives and local officials from coastal counties, expressed concern directly to Interior Secretary Ryan Zinke for the \$3 billion coastal tourism industry. We would like to make members aware of an opportunity next week to attend a hearing with federal officials regarding off-shore drilling: February 26 from 3-7 PM at the Hilton North Raleigh/Midtown. More information can be found in this [Raleigh News & Observer article](#), which includes a link to voice your position online through the [Center for Biological Diversity](#). I have consulted with AFS Policy Director Drue Winters and will report back on any position AFS plans to take on this issue.

Finally, I want to mention the Recovering America's Wildlife Act (HB 4647), recently introduced in the US House. You may have seen the message I sent to our Chapter's email listserve. The bill is supported by AFS and many other conservation organizations, as well as several business organizations. The bill would provide an additional \$1.3 billion to funding efforts to support the goals of State Wildlife Action Plans. AFS has gathered resources on their website, and hopes to garner support from 125 representatives in the next few months. It is currently co-sponsored by 7 representatives, none from North Carolina. As a chapter, we have taken action and signed on to a letter of support provided by our parent society. To achieve wide support, your representatives need to hear directly from you.

I hope to help our Chapter continue to strive to follow our Parent Society's leadership example in actively advocating for Policy decisions that address fisheries issues in North Carolina. I encourage Chapter members to continue contacting me or the EXCOM with environmental issues they feel NCAFS should address. In doing so, consider whether the voice of NCAFS would be effective in addressing the issue. In closing, please let me know if you're interested in joining the committee. Contact: [jennifer.m.archambault@gmail.com](mailto:jennifer.m.archambault@gmail.com); (919) 306-5107.

## **2018 Communications/Newsletter Report Submitted by Brena Jones and Kevin Hining**

The Chapter website (<https://nc.fisheries.org>) saw 6,556 page views in the past year, from 1,960 users. This included 157 views of the page linking podcasts from the 2017 annual meeting in the three months since they were posted in November. In addition, there have been 125 views of the 2016 podcasts, half of which were in the last 90 days. This does not even include views of individual podcasts, so thanks to our podcast coordinators Chris Wood and Jessica Baumann, for making these available, because they are being used. Another popular resource was the dynamic [calendar of fisheries and ecology conferences](#) across the US.

We once again successfully hosted both annual meeting registration and officer voting online, as well as having membership registration continually available. The listserv distributed newsletters, job announcements, news items, and calls for information. Many thanks to the Parent Society of AFS, who hosts our website and content at no charge to NCAFS. Your Chapter webmaster, Brena Jones, is continually working to improve utility and efficiency on the website; if you have events, news, or resources/suggestions to share, you may email [brena.jones@ncwildlife.org](mailto:brena.jones@ncwildlife.org). Thanks to all our members who have provided material to post!

As an annual reminder, anyone with a Facebook account can post photos or news directly to the [Chapter Facebook page](#). For newer members, if you are not a Facebook user, you can view a live feed of our Facebook page embedded directly [on our website here](#).

Finally, special thanks goes out to all that submitted articles for our quarterly newsletter, and our newsletter review team - comprised of Brena Jones, Bryn Tracy, Dave Coughlan, and Ben Ricks. The newsletter staff put out 4 quarterly newsletters during 2017, containing 82 pages and nearly 50 articles. Please consider submitting information to your Chapter's newsletter, whether it be a summary of a recent fisheries related field excursion or outreach event (a photo and as little as a few sentences is fine), spotlighting a NCAFS member (student, professional, or "oldtimer"), or letting others know about recent publications you have been involved with. Collectively, we all see some pretty cool stuff, so if something sticks out to you as a unique fisheries experience or finding, please consider sharing it with your fellow Chapter members!

If you would like to be involved with any of the NCAFS communication channels, any Chapter member may contact Communications Committee Team Leaders:

**Facebook Page** - Jennifer Archambault [jennifer.m.archambault@gmail.com](mailto:jennifer.m.archambault@gmail.com)

**Website** - Brena Jones [brena.jones@ncwildlife.org](mailto:brena.jones@ncwildlife.org)

**Newsletter** - Kevin Hining [kevin.hining@ncwildlife.org](mailto:kevin.hining@ncwildlife.org)

**2018 Awards Committee Report**  
**Submitted by John Crutchfield and Greg Cope, Co-Chairs**

The NCAFS Chapter established the Student Travel Award Program in 2005 for the specific purpose of encouraging professional growth of students and maximal participation of undergraduate and graduate students at the annual meeting of the American Fisheries Society. Monetary support is provided to qualifying students via a travel award of \$200 to \$400 to help defer the cost of meeting travel, registration, and accommodations. The 2017 awards were presented to two students for the 147<sup>th</sup> Annual Meeting of the American Fisheries Society held August 20-24 in Tampa, Florida.

The 2017 award recipients were Steven Lombardo and Stephen Parker, both graduate students from N.C. State University. Steven Lombardo is advised by Dr. Jeff Buckel and Stephen Parker is advised by Dr. Jesse Fischer. They each received a cash award of \$400 from the Chapter's Ichthus Fund account, which was established specifically to foster student involvement. Interested individuals should see the Awards Committee web site at <http://www.sdafs.org/ncafs/Awards.htm> for more details.

The Committee recruited judges and conducted the judging for the Richard L. Noble Best Student Paper Award and the W. Don Baker Memorial Best Professional Paper Award at the 2018 meeting. There were 7 presentations by students and 13 presentations by professionals. Additionally, there were 13 lightning talks presented at the meeting. Student papers were judged by Dave Coughlan, Brena Jones, Bryn Tracy, and Chris Woods. The professional papers were judged by Greg Cope, John Crutchfield, Todd Ewing, and TR Russ.

The Award Committee solicited nominations for the Chapter's Fred A. Harris Fisheries Conservation Award and Jerry R. Finke Distinguished Service Award in the December 2017 Chapter newsletter. One nomination was received for the Fisheries Conservation Award, and one individual was nominated for the Distinguished Service Award. These nominations were reviewed and endorsed by the Awards Committee and forwarded to the EXCOM for approval. Both nominees received the awards. These awards were presented to these well-deserving nominees at the Chapter annual business meeting held in Morganton, NC, on February 22, 2018.

The Distinguished Service Award recognizes Chapter members who have distinguished themselves by service to the Chapter, the American Fisheries Society, or the fisheries profession. In 2015, a recommendation was made to the Awards Committee and unanimously passed by Chapter EXCOM and Membership to rename the Award to the Jerry R. Finke Distinguished Service Award. Jerry, who passed away due to cancer during 2013, epitomized selfless dedicated service to the NC AFS Chapter and the Southern Division of AFS. The Chapter will remain forever indebted for his volunteer service.

The 2018 Jerry R. Finke Distinguished Service Award was presented to Ms. Kim Sparks for her dedicated service to the Chapter and AFS Southern Division. The Chapter recognizes Kim's service as a past NC AFS President, Chapter Treasurer (2 terms), and Finance Chair for the 2003 Southern Division Meeting in Wilmington. She has been a member of the Chapter for over 20 years. During this period, she has distinguished herself through her tireless efforts in supporting Chapter leadership and ongoing operations, most notably her service and dedication in ushering the Chapter into the internet age of business and

visibility. Kim always was willing to help and volunteered numerous times to assist on audiovisual and local arrangements committees as well as moderating technical sessions over the years.

The Fred A. Harris Fisheries Conservation Award recognizes non-Chapter members who have distinguished themselves by service or commitment to the Chapter or to the fisheries resources of North Carolina. The 2018 award was presented to the Erin McCombs. Erin is the Associate Conservation Director of Southeast Conservation at American Rivers. She works largely in the Carolinas and Tennessee, to provide program development, technical assistance, project management and general guidance in the planning, development and implementation of projects like dam removals and Blue Trails for the River Restoration and Riverside Land Protection programs.

Erin has proven to be a valued and effective leader for American Rivers' conservation goals since she was hired in November 2013 to build and expand the effectiveness of their River Restoration Program in NC and the Southeast. Since that time, she has become a recognized expert on dam removal and grown the capacity of the River Restoration Program by rebuilding the NC Aquatic Connectivity Team (ACT) and advancing dam removal, one of the most efficient and effective ways to restore damaged rivers. While with American Rivers, she has helped raise more than \$425,000 for dam removals and related river conservation initiatives. In 2016, Erin helped lead NC to a record breaking season for conservation driven dam removals with 7 dams removed. Erin directly led the removal of four dams while providing technical assistance to partners on the other three. Recently, Erin expanded her role by leading American Rivers' Tuckasegee River Blue Trail initiative with a goal of better connecting local communities to their hometown river and conserving critical riverside lands to protect the river's clean water and biodiversity for future generations.

The 2018 Richard L. Noble Best Student Paper Award was awarded to Jennifer Archambault for the paper entitled "Is Contaminant Removal by Native Freshwater Mussels an Ecosystem Service?"

Jennifer will receive a monetary award of up to \$600 from the Chapter's Ichthus fund for travel to present the paper at the 2018 parent society meeting in Atlantic City, NJ.

The 2018 W. Don Baker Memorial Best Professional Award was awarded to Powell Wheeler for the paper entitled "Lake Bathymetry Mapping using a Raspberry Pi and Open-Source Software".

**North Carolina Chapter of the American Fisheries Society  
2018 Treasurer's Report  
Submitted by Kelsey Lincoln, Secretary/Treasurer**

**Current Account Balances (as of 3/12/2018):**

|                                                 |             |
|-------------------------------------------------|-------------|
| NCAFS Checking                                  | \$7,326.75  |
| NCAFS PayPal                                    | \$179.18    |
| NCAFS Edward Jones Ichthus Fund or Student Fund | \$31,071.31 |
| NCAFS Edward Jones General Fund                 | \$49,879.14 |
| Robust Redhorse Conservation Committee          | \$8,834.85  |

**2017 Summary of Accounts:**

The Ichthus fund had a growth of 7.65% and increased from \$30,794 to \$31,682 in the calendar year of 2017. A total of \$1,400 of was awarded to students for travel awards and the Best Student Paper Award. The general fund had a significant growth of 18.21% and increased from \$41,465 to \$49,015 in the calendar year of 2017. No grants requests were received in 2017 that required donations greater than \$1,000 and thus, no grants were funded from the General Account in 2017.

In 2017, the chapter spent a total of \$10,728 including money spent toward donations or sponsorships (\$3,640), the NC AFS annual meeting in New Bern (\$6,813), award plaques (\$125), and liability Insurance (\$150). The chapter made \$9,195 in 2017 from revenue generated by the NC AFS annual meeting in New Bern, including donations from Duke Energy, Three Oaks Engineering, and Dial Cordy Associates (\$7,870) and chapter membership dues (estimated to be \$1,325). This resulted in a loss of approximately \$1,533 in 2017 in the Checking account.

The Robust Redhorse Conservation Committee spent \$4,577.85 on the annual meeting and \$318.45 on web hosting. The Committee earned \$5,000 in donations from Duke energy (\$1,000), Georgia Power (\$3,000) and SCANA (\$1,000). This resulted in a net growth of \$103.70 in 2017.

**2017 Summary of Donations:**

|                                                                           |         |
|---------------------------------------------------------------------------|---------|
| 2017 Family Fishing Fiesta (requested February 2017)                      | \$1,000 |
| 2017 AFS Annual Meeting (requested March 2017)                            | \$500   |
| 2018 SDAFS Annual Meeting (requested September 2017)                      | \$600   |
| Shad in the Classroom (requested December 2017)                           | \$840   |
| Valley Crucis Community Park Snorkeling Program (requested December 2017) | \$700   |

**2018 Membership Summary:**

As of March 2018, the NC Chapter of the American Fisheries Society has a total of 66 NC AFS only members and 81 NC AFS and AFS members. Of our total membership, 31 members are students, 101 are regular members, and 15 are retirees or lifetime members. The chapter brought in an estimated \$1,672 (after PayPal fees) from annual dues. This number is subject to change as it does not reflect the additional bonus NCAFS will receive from AFS as a reward for having a high percentage of members who participate in both societies. Thank you to everyone who paid their dues!

As a reminder, if you renewed your membership through AFS, but only paid \$7.00, you owe an additional \$8.00 for 2018 membership. There are also a few individuals who attended the annual meeting who did not pay dues. You can complete your membership fee by sending me a



check (make check out to Kelsey Lincoln and mail to 2430 Turner Road, Mebane, NC, 27302) or by entering the amount owed into PayPal when you renew online. As always, feel free to contact me if you have any questions ([kelsey.lincoln@ncwildlife.org](mailto:kelsey.lincoln@ncwildlife.org) or 336-290-0052).

**2018 Meeting Summary:**

Our annual meeting was held February 20 – 23 in Morganton, NC at the Morganton Community House. There was a total of 87 meeting attendees (16 students, 7 retirees, 62 regular, and 2 non-members) and 44 work shop attendees (4 students, 3 retirees, 35 regular, and 2 non-members). The total cost for the meeting was \$4,940.43 and the total revenue (including meeting registration and workshop fees and donations) was estimated to be \$9,104.15 after PayPal fees. Thus, the chapter gained approximately \$4,163.72 from the meeting! See itemized list of cost and revenue listed below. Additionally, \$600 was awarded to Jennifer Archambault, for winning the Best Student Paper Award. As a thank you for generously donating their time and trolley, NCAFS will be making a small donation to the Morganton Trolley Service in the months to come. Thank you all for making this another successful and fun meeting, it was great to see everyone!

| <b>Income</b>       |                   | <b>Costs</b>                      |                    |
|---------------------|-------------------|-----------------------------------|--------------------|
| Registration        | \$ 6,175.87       | Morganton Community House (Total) | \$ 4,362.25        |
| Workshop            | \$ 678.28         | Nacho Bar 2/20                    | \$ 330.00          |
| Donations           | \$ 2,250.00       | Beverages/snacks 2/21-2/23        | \$ 805.75          |
| <b>Total Income</b> | <b>\$9,104.15</b> | Dinner 2/21                       | \$ 1,657.50        |
|                     |                   | Table cloths                      | \$ 66.00           |
|                     |                   | Tax                               | \$ 193.00          |
|                     |                   | Bartender Tip                     | \$ 150.00          |
|                     |                   | Rent                              | \$ 400.00          |
|                     |                   | Food tip                          | \$ 560.00          |
|                     |                   | Bartender Tip                     | \$ 200.00          |
|                     |                   | <b>Other</b>                      |                    |
|                     |                   | Ice                               | \$ 13.43           |
|                     |                   | Raffle tickets and prizes         | \$ 50.22           |
|                     |                   | Catawba Brewing Company           | \$ 450.00          |
|                     |                   | Name Tags                         | \$ 64.53           |
|                     |                   | <b>Total Costs</b>                | <b>\$ 4,940.43</b> |