



Chapter Officers

- President: Greg Pitchford
- President Elect: Tom Priesendorf
- Secretary: Dave Michaelson
- Treasurer: Alex Prentice
- Past President: Amanda Rosenberg

Committee Chairs

- Anglers with Disabilities: Mary Scott
- Awards: Amanda Rosenberger
- Chapter Historians:
 - Joe G. Dillard (Emeritus)
 - Vince Travnichek
 - Craig Paukert
- Continuing Education:
 - Andy Turner
 - Brad Farwell
 - Jodi (Joanna) Whittier

Finance: Greg Pitchford

Message From the President



"Just lay back and relax. Your face will feel like you are being attacked by angry bees." The nurse who said these words was professional and comforting, but I didn't feel very comforted. Actually, they had already peeled off the top layers of skin off my arms and hands the day before, so I knew how it was going to feel. It was going to feel like a fisheries biologist who hadn't

taken the sun very seriously during his career. I can't tell you the number of times I have said to a colleague, "we have no idea how weird our profession is". It is a unique profession with a unique set of demands, rewards, and hazards. Those amazing sunrises and sunsets on the water comes complete



Information Technology:

Website: Kat Lackman &
John Fantz

Newsletter:

Emily Tracy-Smith

Hope Dodd

Dan Metcalf

Legislative and Environmental
Concerns: Emily Tracy-Smith

Membership: Jennifer Campbell-
Allison

MNRC Steering: John Ackerson

Publicity: Trish Yasger

Rivers and Streams

Chair: Eric Rahm

Student Support: Jennifer
Girondo

Anglers with Disabilities: Mary
Scott

Student Subunits:

Missouri State University -
Springfield: Jesse Kelly

University of Central Missouri -
Warrensburg: Rusty Limback

University of Missouri - Columbia:
Bill Schriener

Southeast Missouri State
University - Cape Girardeau: Tyler
Ham

with skin damaging rays during the day or a long tiring drive back to the office later that night. A hoop net full of channel

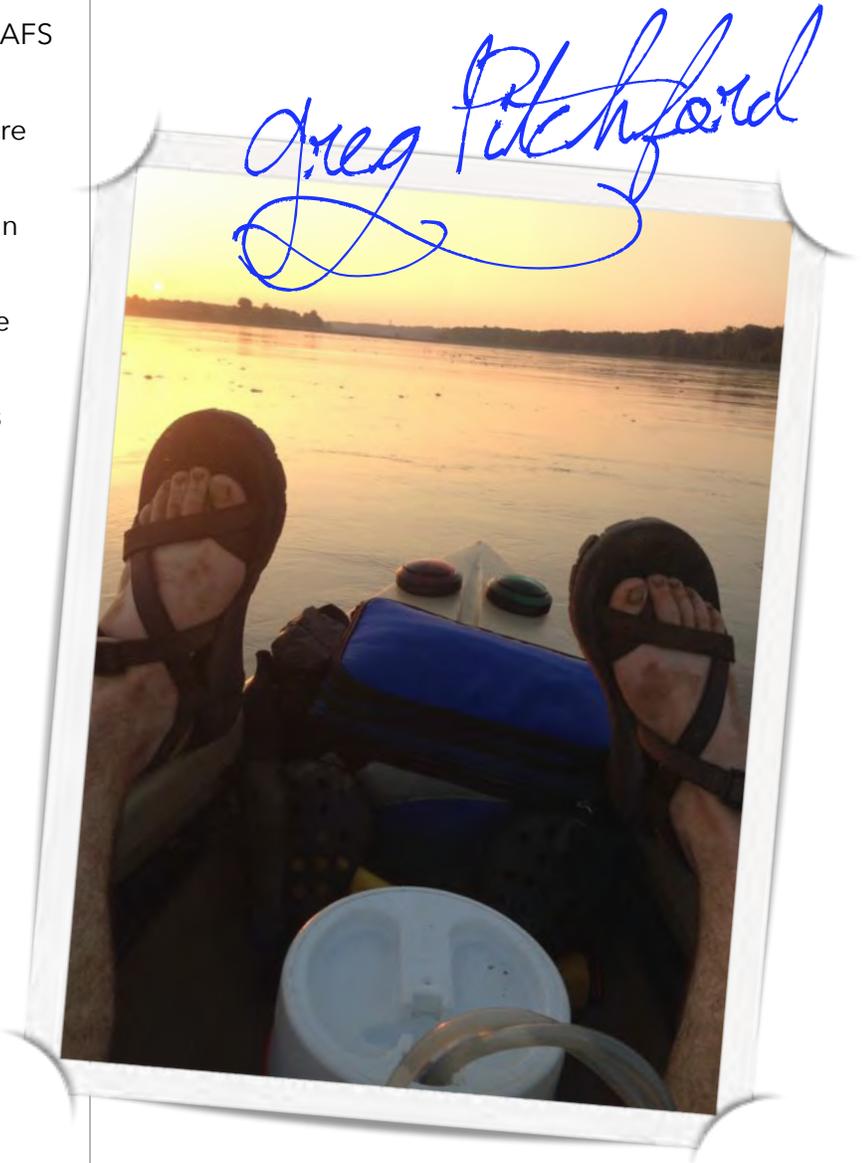


catfish equals a thrashing mash up of hypodermic needles. What could go wrong with a summer hike through poison ivy and stinging nettle to get to a remote sampling location that requires taking gear up and down a 20 foot streambank? And let's not forget that we violate everything our mothers warned us about mixing water and electricity! Reality shows have nothing on a normal day in the life of a fisheries professional. Please be careful out there, AND WEAR SUNSCREEN!

I just finished writing a summary of our chapter's year for the NCD Most Active Chapter Award. It has been an amazing year. Here are some of the accomplishments for the year:

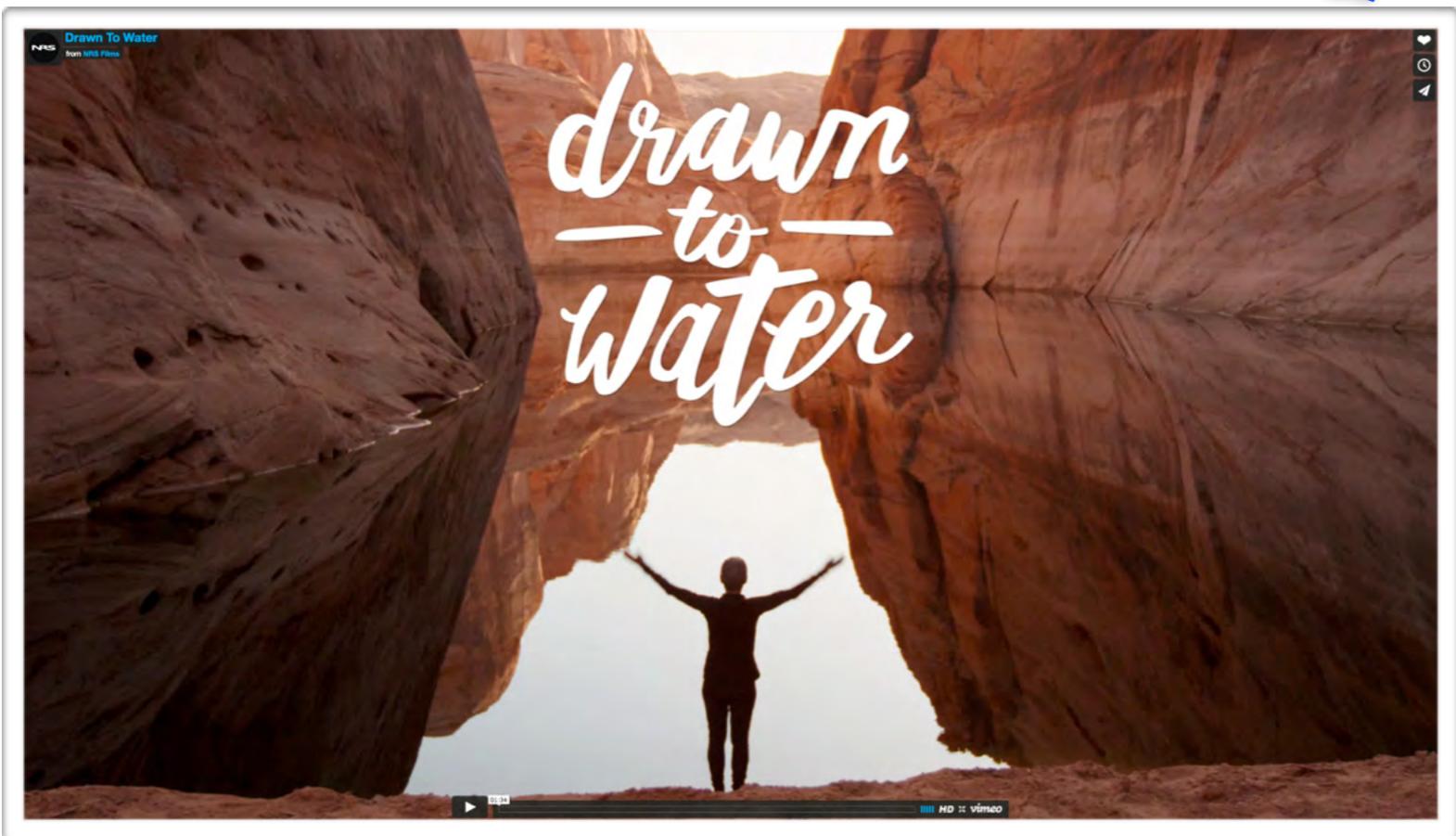
- Hosted over 1200 professionals at the AFS Annual Meeting in Kansas City.
- Held the first ever Outdoor Adventure Auction
- Held the first ever Student Support Gun Raffle
- Reworked our bylaws and Procedure Manual
- Completed a white paper on Fisheries Undergraduate Education
- Put on a student colloquium with The Wildlife Society
- Completely reformatted our newsletter making it more informative and appealing
- Managed a Student Support Trust Fund portfolio of approx \$100,000
- Recognized and supported 10 students with over \$5,300 worth of scholarships and travel grants.
- Provided fishing opportunities (and really cool T Shirts) to disabled anglers
- Introduced people to carp tacos and hotdogs
- Worked to become a fixture at the Conservation Federation HQ

I have obviously missed some important items. But as I said earlier, it has been an amazingly productive year for MOAFS. Thanks for all you do!



P.S. Here's to 2017- and if you're looking for more excuses to get out on the water. . . .check out this video.

-Greg



President's Top 10

Prepared by Greg Pitchford

Top 10 Reasons to Attend the Upcoming MOAFA Meeting

- 
- 
- 
10. Catch up on what's happened this year. (It's amazing!)
 9. Have input on next year. (It's gonna be good!)
 8. Get your picture taken by Matt Mathoney
 7. Honor two of our longtime members.
 6. Show support for all of our outstanding students who'll be receiving awards
 5. Hear about student subunit activities and their involvement in MOAFA
 4. Learn about legislative issues affecting aquatic natural resources in Missouri
 3. Find out who will be going on a fabulous outdoor adventure
 2. Watch the peaceful transition of power from Greg Pitchford to Tom Priesendorf
 1. Once again, hear Vince Travnichek say the words, "Winner, Winner, Chicken Dinner". (This year he will actually give away a chicken dinner!)



Missouri Careers in Fisheries Workshop

Prepared by Blake Stephens, John Ackerson, & Jen Girondo



MISSOURI CAREERS IN FISHERIES

What – Missouri Careers in Fisheries Workshop sponsored by the Missouri American Fisheries Society (MOAFS)

Who should attend – Any student interested in pursuing a career in fisheries

When – Thursday, February 2, 2017 – 1:00pm – 3:00pm

Where – Missouri Natural Resources Conference (MNRC) at Tan-Tar-A Resort in Osage Beach- Salon B

What to expect – Learn from fisheries professionals from around the state as they share their specific background, education and experience that set the groundwork for their future career. Speakers will share skills and traits observed in successful young professionals in their agency and students will learn practical pathways to getting to where they want to go with ample opportunity to interact with seasoned professionals across multiple disciplines.

****FREE** hotel room for students that attend!**

As an incentive to attend this workshop and the rest of the Missouri National Resources Conference, MOAFS will pay for hotel rooms of students/student subunits who attend some portion of the Missouri Natural Resources Conference between February 1st-3rd. Individual students will still be responsible for the \$40 discounted student registration rate for the conference. To receive your free room, please contact Jen Girondo (moafsstudents@gmail.com) for reservations. Preference will be given to students who contact Jen by Jan. 2, so don't wait!

To find out more information about the conference and to register, visit www.mnrc.org

Missouri Careers in Fisheries

Missouri Natural Resources Conference - Salon B

1:00 - 1:10

- Introduction
 - Outline career opportunities in Fisheries in MO
 - Explain format of workshop

1:10 - 2:40

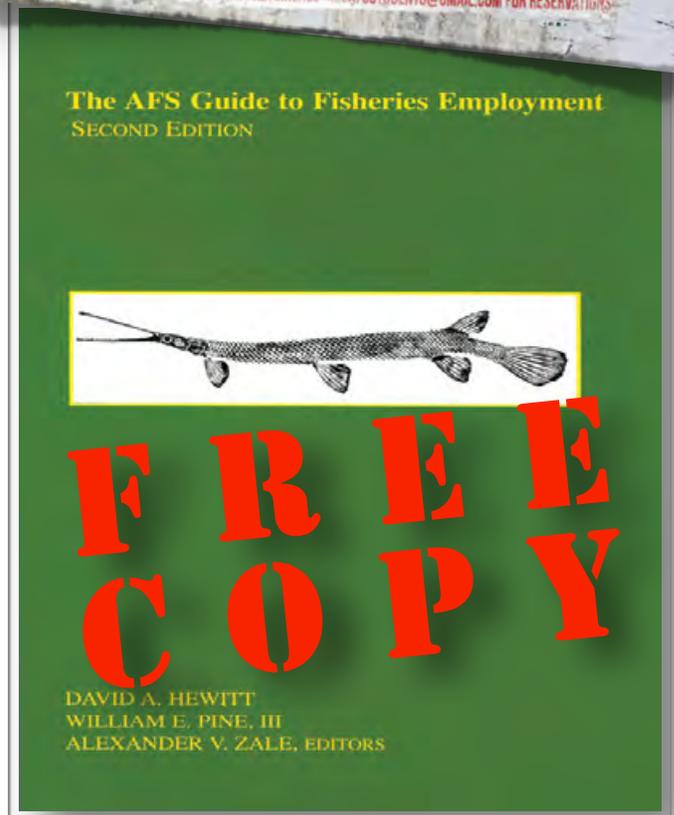
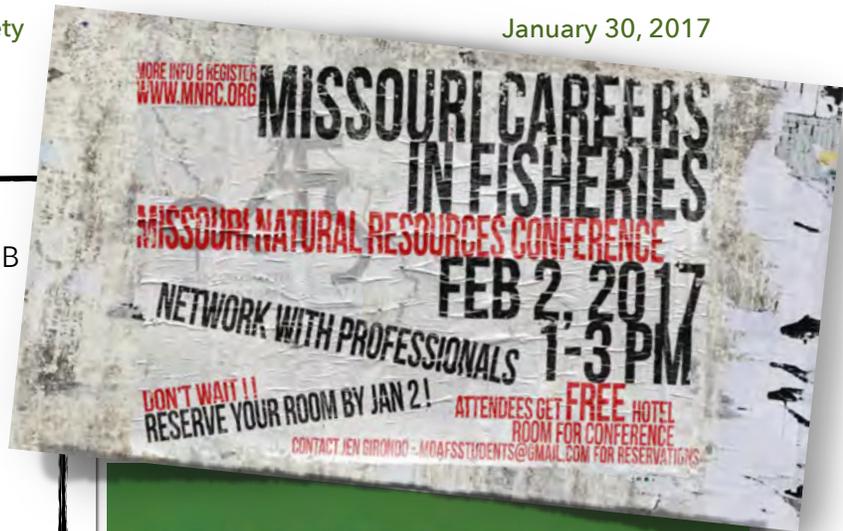
- Speaker 10-Minute Presentations
 - WW Hatchery Manager - State Agency
 - Researcher - State Agency
 - Non-Profit Professional
 - Fisheries Management Biologist - State Agency
 - Private Sector Professional
 - Fisheries Biologist - Federal Agency
 - Policy Coordinator - State Agency
 - Researcher/Instructor - University
 - CW Hatchery Manager - State Agency

2:40 - 2:55

- Break-out session with opportunity for questions to speakers and others within specific career fields

2:55 - 3:00

- Summary Thoughts/Thank you packet/Survey



Guest Speakers Attending the Missouri Careers in Fisheries Workshop

Speaker	Discipline	Title	Agency
Drew Burdick	Hatcheries	Hatchery Manager (Lost Valley)	Missouri Department of Conservation
Jacob Westhoff	Researcher	Resource Scientist	Missouri Department of Conservation
Rebecca Landewe	Non-Profit	Current River Project Manager	The Nature Conservancy
Ben Parnell	Management	Fisheries Management Biologist	Missouri Department of Conservation
Kevin Atkins	Private Sector	Environmental Scientist	Ameren
Hope Dodd	Federal Agency	Fisheries Biologist	National Park Service
Jennifer Campbell	Policy	Policy Coordinator	Missouri Department of Conservation
Amanda Rosenberger	Researcher	University Professor	University of Missouri
Wes Swee	Hatcheries	Hatchery Manager (Meramec Spr)	Missouri Department of Conservation

Student Support Report - Winter 2017

Prepared by: Jen Girondo

The Student Support Committee reports that the Future Professionals Scholarship (a \$2500 scholarship from the proceeds of last year's gun raffle) was renamed to honor Joe Dillard and his commitment to student development. It's now called the Joe G. Dillard Outstanding Undergraduate Scholarship, and it was awarded this year to Cheyenne Stratton, a sophomore from the University of Missouri - Columbia. This year's Duffy Memorial Travel Award was awarded to Corey Dunn, a PhD student at the University of Missouri-Columbia. Congratulations to Cheyenne and Corey!

In addition to scholarships, the Student Support Committee was able to partially fund 4 students' travel to the national AFS conference in KC in August.

Selection panels are also working to award the \$500 Student Achievement Award and CFM's \$1000 Stegner and Morrow scholarships. Winners will be announced at the annual business meeting and highlighted in the next newsletter. Funding for these scholarships comes from the interest from the Student Support Fund (former 2) and from CFM (latter). Thank you to those serving as selection panel members!

Communication about upcoming conferences (MNRC, Mid-West, Annual AFS, etc.), scholarships, and job/research opportunities have been shared with students via Facebook and email. Thank you to everyone involved in keeping students engaged and providing career opportunities and experiences for them! Results of an ongoing survey of available fisheries courses in Missouri will be used to enhance offerings to students.

We are looking forward to the next year of student activities and support. Let Jen Girondo (moafsstudents@gmail.com) know if you're interested in helping on the committee, or have an opportunity for students.



Continuing Education Report - Winter 2017

Prepared by: Brad Farwell and Andy Turner

Brad and Andy continue to work with the North Central Division of the American Fisheries Society to host continuing education courses for the upcoming Midwest Fish and Wildlife Conference. This year's conference is being held February 5-8 at the Lincoln Marriot Cornhusker Hotel in Lincoln, Nebraska. This committee is hosting two workshops: 1) Introduction to Fisheries Data Analysis with R that is being instructed by Chris Chizinski and 2) A Beginner's Guide to Estimating Age and Growth of Fish that is being instructed by Dan Iserman. Brad and Andy have also been working with John Ackerson and Blake Stephens to assist with the Careers in Fisheries presentation at MNRC on Thursday February 2nd from 1-3pm.

The MOAFS Continuing Education Committee also hosted a course and helped plan and organize all the courses at last summer's national AFS meeting in Kansas City. These courses were well attended and received very positive feedback from conference organizers and attendees.

Working Group Update: White Paper Revisions - Winter 2017

Prepared by: Tom Priesendorf

Working group update: White Paper revisions

In December our working group of eight members reviewed a draft white paper submitted by Greg Pitchford and Mark Zurbrick. We refined the goal of the paper, discussed changes and developed strategies for moving the paper forward. When complete we hope the paper identifies employer expectations for new recruits and communicates to students how to better prepare themselves for an entry level job in fisheries professions. We also hope the paper creates a process whereby employers and universities can collaborate into the future to ensure graduating students are prepared to enter the job market with skills needed by employers. Tom Priesendorf will present more details of the pending paper at the MOAFS business meeting at Tan-Tar-A in February.

Treasury Report - Winter 2017

Prepared by: Alex Prentice

2016 ended well with a net gain for the MOAFS Operational account while the SSTF accounts utilized the buffer fund, as anticipated, ending the year with a balanced budget. Income for the Operational budget was boosted by AFS conference sales (\$2,441.00) and due to an upturn in the stock market MOAFS was able to take \$1,399.10 in profits for Student Support. The SSTF buffer fund was leveraged to fill the budget gap at nearly half the anticipated amount (\$744.45).

Thanks to Joe Tomelleri and the Student Subunits for their involvement with the MOAFS booth at the AFS conference. Student subunits also earned a total of \$521.45 (SEMO = \$248.31, MSU = \$273.14) from their sales at the booth.

The first CD matured in November and the earnings (\$188.47) were deposited to the SSTF checking account. In December, CD 2720 was purchased (\$12,500) to continue the laddered CD strategy. There has been a cumulative gain of \$851.57 through the CD strategy (\$188.47 realized).

We are continuing the SSTF investment plan as outlined at the MOAFS annual meeting. A Vanguard mutual fund account totaling \$45,000 was established in April 2015 along with a buffer fund of \$5,000 in the money market account. In 2016, the funds experienced a \$4,580.45 gain which bounced the balances back from the loss in 2015 (-\$2,691.75). After withdrawing profits, the total mutual fund asset value is \$45,489.60.

Account	Current Balance*	Change
MOAFS Operational Share	\$ 8,502.11	
MOAFS Operational Checking	\$ 8,657.04	
MOAFS Special Projects Checking (Gun Raffle)	\$ 2,382.75	
SSTF Money Market (Buffer Fund)	\$ 5,015.22	
SSTF Checking	\$ 1,616.08	
SSTF CD 1479	\$ 12,896.78	\$ 396.78
SSTF CD 2381	\$ 12,603.39	\$ 103.39
SSTF CD 2382	\$ 12,662.93	\$ 162.93
SSTF CD 2720	\$ 12,500.00	\$—
Cumulative CD Value	\$ 50,663.10	\$663.10 (+1.33%)
Cumulative Realized Gains from CD's	\$ 188.47	
SSTF Mutual Fund (as of 12/30/2016)		
Stock market Index Fund	\$ 35,275.05	
International Stock Index Fund	\$ 10,214.55	
Cumulative Investment Returns YTD (Jan-Dec 2016)	\$ 4,580.45	
Withdrawals	\$ 1,399.10	
Total Mutual Fund Assets	\$ 45,489.60	

Historian Report - Winter 2017

Prepared by Joe Dillard, Gene Gardner, & Greg Hoss

A Brief History of the Missouri Natural Resources Conference

A business meeting of the Missouri membership of The Wildlife Society met in Stephens Hall, University of Missouri - Columbia in late 1961, with a steering committee of Thomas Baskett (State Representative), Allen Brohn (State Membership Chair), Bill Crawford (Regional Representative) and Jim Salyer (Student Representative). The 30 people attending agreed unanimously as to the desirability of a State Chapter and planned a follow up meeting in early 1962 to develop a constitution, bylaws and a permanent set of officers (Temporary officers were Bill Crawford, Chair and Ken Sadler, Secretary). The group met again in the Stephens Hall Conference Room on February 2, 1962 in a meeting chaired by Larry Gale. They adopted a set of bylaws and petitioned for a Charter to become the Missouri Chapter of The Wildlife Society. The Charter from the The Wildlife Society was granted and is dated March 11, 1962.

Then in 1963 a separate meeting, entitled the Missouri Fisheries Conference, was attended by Missouri Department of Conservation fisheries employees, University of Missouri professors and students, and fish farmers. A year later the participants decided to apply for a Charter to become the Missouri Chapter of the American Fisheries Society (the Charter is dated March 10, 1964, thus 1965 was the first official meeting of the Missouri Chapter of the American Fisheries Society).

The two groups met separately each year. Then in 1965, the Fisheries and Wildlife Societies had separate meetings on consecutive days with a joint banquet the evening between. The names of the two "conferences" were Missouri Fisheries (changed to Fishery in 1967) Conference and Missouri Game Conference (joint mailings of meeting announcements began in 1967). In 1969 the jointly sponsored meeting was labeled the Missouri Fishery and Game Conference. The first jointly sponsored Plenary Session and the first "official" Soiree were held in 1972. The 1972 meeting was billed as the Tenth Annual meeting of the Missouri Chapters of the American Fisheries Society and The Wildlife Society. The name of the meeting was then changed to the Fish and Wildlife Conference.

The meeting became the Missouri Forest, Fish and Wildlife Conference in 1988 when the Missouri Chapter of the Society of American Foresters came on board. The Missouri Society of American Foresters was initiated on January 1, 1963. From 1935 until 1964, there was no state chapter; the foresters in Missouri were just part of the Ozark Section of the Society of American Foresters. The Missouri Chapter (of the Ozark Section) was formed in October 1963 and held their first meeting in January 1964.

In 1994 the Missouri Show-Me Chapter of the Soil and Water Conservation Society became the fourth co-sponsor of the conference. The first organized Soil Conservation Society of America (later to become the SWCS) activity in Missouri was to form the Alfalfa-Brome Chapter which encompassed all counties north of the Missouri River and all counties west of Chillicothe. The chapter officially was established by SCSA on March 24, 1950. The Show-Me Chapter was formed on January 18, 1955. The Soil Conservation Society of America name was changed to the Soil and Water Conservation Society by a membership vote in spring 1987. The Show-Me Chapter was changed to the Show-Me Chapter of the Soil and Water Conservation Society by a membership vote to change the chapter by-laws in December 1987.

The Missouri chapters of The Wildlife Society, the Soil and Water Conservation Society, and the American Fisheries Society each passed a resolution (the Missouri Chapter of the Society of American Foresters expressed concerns about renaming the conference and preferred to keep the current one) during the 1997 meeting to consider renaming the annual event to better reflect its enlarged focus.

The FFW Steering Committee proposed three possible names; Missouri Natural Resources Managers Conference, Missouri Natural Resources Conference and Missouri Fish, Forest and Wildlife Conference (no change). Those present at a July 25, 1997 meeting of the Quad-Society President's Council on July 25, 1997 discussed this proposal and voted to rename the conference from the Forest, Fish and Wildlife Conference to the Missouri Natural Resources Conference beginning with the 1998 meeting.

By 2011, some inconsistencies in handling the financial aspects of the conference were such that, Ted Seiler, (conference steering chairman for that year) proposed that the conference become an independent 501(c)3, not-for-profit organization. The other societies agreed to the terms of a draft MOU. Travis Moore, incoming MOAFS President for the year, agreed to take the lead in finalizing the MOU including setting certain boundaries, developing an executive board that included the presidents of the four societies, and an annual conference audit to be conducted by the executive board. (These procedures needed to be in place for the conference to take the next step to becoming a not-for-profit entity.)

The effort to move to a not-for-profit entity stalled in 2013, but an attorney was hired to finish that process for the societies and it was completed in 2014.

After the MNRC became a 501(c)3 organization, the fiscal year was changed to April 1st - March 31st to ensure the audit was completed before the next host society took over operation.

On February 6, 2015, the Quad Society Presidents and Quad MNRC Steering Committee chairs agreed that a bid submission for host hotel/resort complexes be completed. This was primarily due to increasing room rates by Tan-Tar-A with Federal agency per diem restrictions. After a review of several locations by Steve Wilson of SWCS, very few viable options (room nights and meeting space) could host our conference. On June 22, 2015, the Quad Society Presidents voted to keep Tan-Tar-A as the MNRC location through 2018 at a minimum.

Compiled by Joe G. Dillard, Gene Gardner and Greg Hoss

Last Updated: November 10, 2016



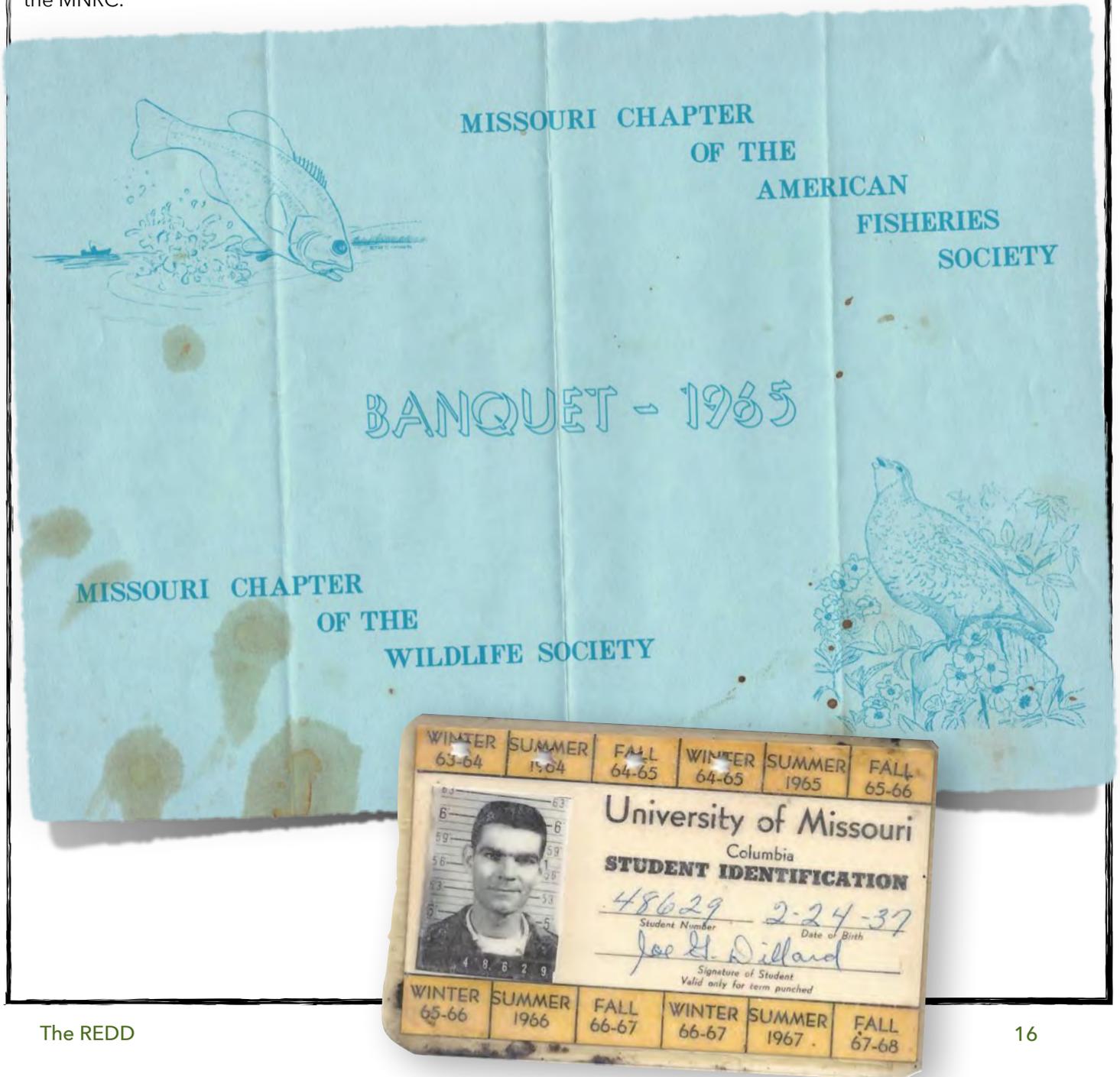
The First MNRC - 1965

Prepared by: Joe Dillard

A placemat (including gravy and coffee stains - no it wasn't mine!) from the first "MNRC" * banquet held February 18, 1965 in the Large Ballroom of the Student Union Building on the University of Missouri - Columbia Campus. The program listed the main course as a Rib-Eye Steak Dinner for \$2.75. It also noted that "Ladies are Welcome." Art by Glenn Chambers.

The banquet speaker was John S. Gottschalk, Director of the U.S. Bureau of Sport Fisheries and Wildlife.

*This was the first event co-sponsored by newly Chartered (March 1964) Missouri Chapter of the American Fisheries Society and the Missouri Chapter of The Wildlife Society (Chartered March 1962). See article below about history of the MNRC.

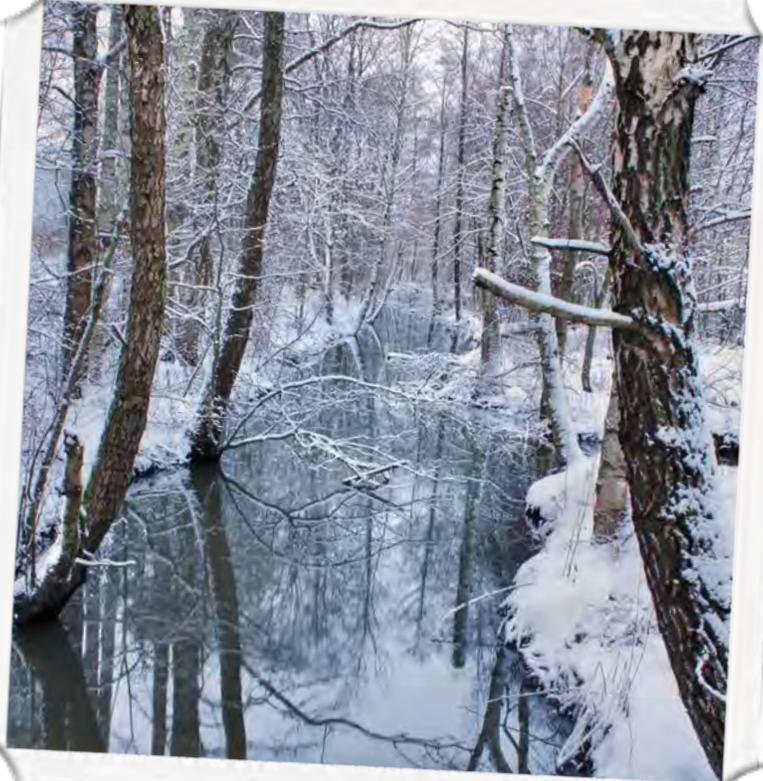


Membership Committee Report-Winter 2017

Prepared by: Jennifer Campbell

The MoAFS Chapter has 197 members as of 12/07/2016. MoAFS Lifetime memberships renew automatically each year. All other membership types may be renewed at www.moafs.org/membership, through the Parent Society, or at the MoAFS booth during our annual meeting at the Natural Resources Conference (February 1-3, 2017). When renewing your membership through the MoAFS website or at the booth, please indicate your privacy preferences.

Among other benefits, your MoAFS membership ensures your eligibility to vote in MoAFS elections, delivery of MoAFS emails, and the privilege of running for MoAFS offices and service on MoAFS committees. Contact me with any questions about MoAFS membership at Jennifer.Campbell@mdc.mo.gov or 573-522-4115x3159.



LEGISLATIVE AND ENVIRONMENTAL CONCERNS - WINTER 2017

Prepared by: Emily Tracy-Smith

THANKS TO ENCOURAGEMENT FROM MARK ZURBRICK AND GREG PITCHFORD, I DECIDED TO TAKE ON THE ROLE OF LEGISLATIVE AND ENVIRONMENTAL CONCERNS COMMITTEE CHAIR. I APPRECIATE THE OPPORTUNITY AND LOOK FORWARD TO HEARING MORE STORIES FROM MARK AS HE CONTINUES TO HARASS FISH WITH HOOK AND LINE. AS I TRANSFER INTO THIS NEW ROLE, THERE IS STILL MUCH TO LEARN FROM MARK INCLUDING THE DUTIES AND ISSUES OF THIS COMMITTEE PAST, PRESENT AND MOST IMPORTANT, THE FUTURE. I ALSO HAPPENED TO PICK ONE HECK OF A PEAR TO MONITOR POLICY AND LEGISLATION THAT AFFECTS AQUATIC RESOURCES OF MISSOURI AND I WILL DO MY BEST TO KEEP THE MOAFS MEMBERSHIP WELL INFORMED. ALREADY, NUMEROUS HOUSE BILLS IN PROGRESS DO NOT FAVOR NATURAL RESOURCES OF MISSOURI. MUCH OF MY EFFORT WILL FOCUS ON STRENGTHENING THE BOND BETWEEN THE CONSERVATION FEDERATION OF MISSOURI AND MOAFS. I WILL UTILIZE THEIR CONSTANT CONNECTION WITH THE LEGISLATURE AND TOOLS SUCH AS THE LEGISLATIVE ACTION CENTER ([HTTP://WWW.CONFEDMO.ORG/LAC/](http://www.confedmo.org/lac/)) TO KEEP TRACK OF BILLS IN THE HOUSE AND SENATE THAT AFFECT GOVERNANCE OF NATURAL RESOURCES IN MISSOURI. THIS IS A GREAT RESOURCE AND I HIGHLY RECOMMEND MOAFS MEMBERS SIGNING UP. THE LEGISLATIVE ACTION CENTER IS AN INFORMATIVE PLATFORM THAT LINKS YOU DIRECTLY TO YOUR STATE REPRESENTATIVES. DO YOU KNOW WHO YOUR STATE REPS ARE, AND HOW TO CONTACT THEM? ANOTHER GREAT TOOL I USE TO MONITOR AND EVALUATE MISSOURI LEGISLATION IS LEGISCAN: [HTTPS://LEGISCAN.COM/MO/LEGISLATION](https://legiscan.com/MO/legislation). THIS INTERFACE ALLOWS YOU TO SEARCH FOR DETAILED INFORMATION ABOUT BILLS FROM THE HOUSE AND SENATE BY NUMBER OR TOPIC OF INTEREST.

IF YOU HAVE ANY QUESTIONS OR ARE INTERESTED IN GETTING INVOLVED WITH THE MOAFS LEGISLATIVE AND ENVIRONMENTAL CONCERNS COMMITTEE, OR IF YOU WANT TO KNOW HOW TO CONTACT AND ENGAGE WITH YOUR STATE REPS, PLEASE CONTACT ME, EMILY TRACY-SMITH, TRACYSMITHE@MISSOURI.EDU

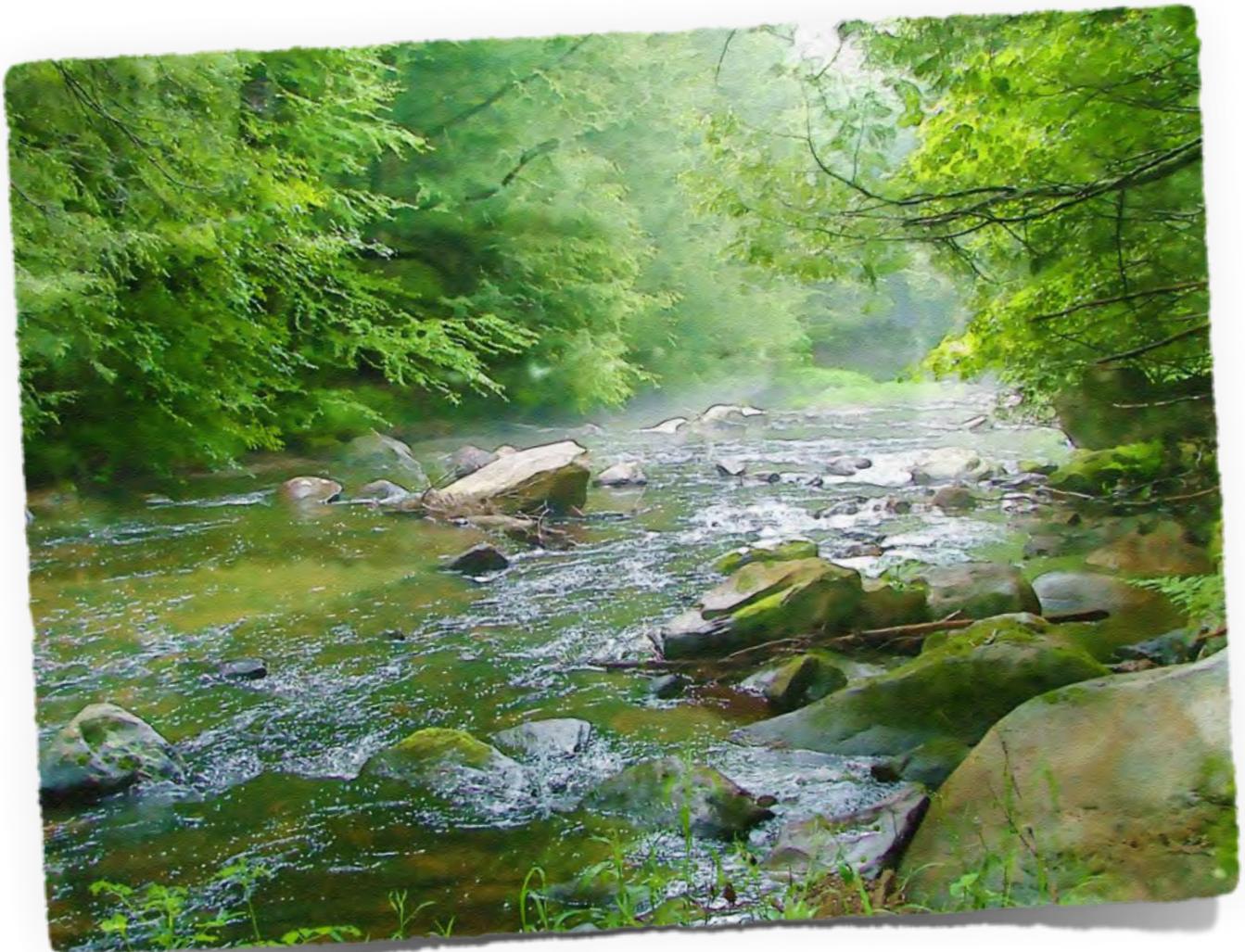
HERE'S TO AN EXCITING LEGISLATIVE SESSION!



Rivers and Streams Report - Winter 2017

Prepared by Eric Rahm

The Rivers and Streams Committee is seeking input for activities or events for the committee to discuss at the Annual Missouri Natural Resources Conference, February 1 - 3. Please contact the Rivers and Streams Committee Chair - Eric Rahm: Eric.Rahm@mdc.mo.gov if you have any suggestions.



Angler's with Disabilities - Winter 2017

Prepared by Mary Scott



MISSOURI DEPARTMENT OF CONSERVATION
551 Joe Jones Blvd, West Plains, Mo. 65775

For more information contact: Mary Scott
Fisheries Management Biologist
417-256-7161 x276

Disabled fishing event planned for Maramec Spring Trout Park

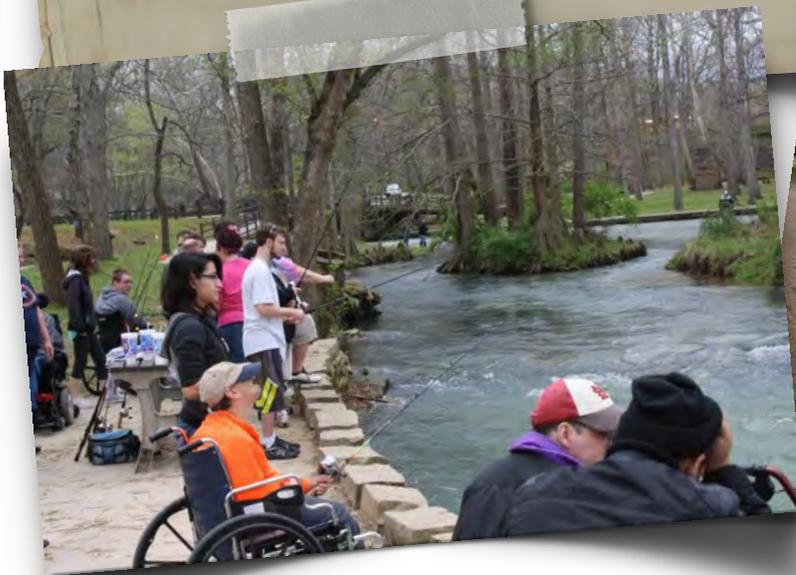
The Missouri Department of Conservation (MDC) has partnered with the Missouri Chapter of the American Fisheries Society, Choices for People, and James Foundation to host a disabled angler fishing event at Maramec Spring Trout Park. The free event is scheduled for Friday, April 7th from 9:30 to 11:30.

According to Fisheries Management Biologist Mary Scott, this "catch and release" event is one way the MDC works with citizens and community organizations to enrich Missourian's quality of life.

"It's part of our mission at the Conservation Department to provide excellent customer service and opportunities for people to discover nature," Scott said. "I can't think of a more fun way to discover nature, than to experience the thrill of fishing."

Scott said space is limited to 50 people, so advance registration is required. Attendees will receive a free T-shirt while supplies last and adaptive equipment will be available on request during the registration process. Lunch will be provided at no cost for all participants. We need plenty of volunteers to make this event a success.

For more information, or to register, contact Bob Pellegrin at Choices for People, (573)364-7444, or to sign up for volunteer contact Mary Scott at MDC, (417)256-7161.



Outdoor Adventures - Winter 2017

Prepared by Greg Pitchford

As part of our fundraising at the 2017 MNRC, we will be auctioning off several outdoor trips. This is your chance to help out the Chapter and go on a fun filled adventure! Keep checking back as more adventures are added.

Bidding starts now and phone bids will be accepted during the MNRC, up until the auction closes at 3:00 pm on Thursday 2 Feb. 2017.

Contact Greg Pitchford at gregndonna8286@gmail.com or 660-973-3158 to bid now.



IF YOU WOULD LIKE TO TACKLE THE BIG ONES, PLEASE SUPPORT MO AFS AND JOIN JOHN ON THE WATER.

FISHING FOR BIG CATS WITH JOHN JAMISON



JOHN JAMISON, KANSAS CITY, KANSAS FROM EARLY CHILDHOOD, JOHN DEVELOPED AN ADDICTION AND LOVE FOR CATFISHING THAT CONTINUES TO THIS DAY. JOHN FISHES FOR ALL SPECIES OF CATFISH BUT THE SPECIES HE ENJOYS THE MOST IS GIANT BLUES.

IF YOU WOULD LIKE TO EXPERIENCE CRAPPIE FISHING AT IT'S FINEST, PLEASE SUPPORT MO AFS AND COME OUT ON THE WATER WITH GREG.

CRAPPIE FISH LAKE OF THE OZARKS WITH GREG STONER




GREG STONER, CAMDENTON, MO GREG HAS BEEN THE FISHERIES MANAGEMENT BIOLOGIST ON LAKE OF THE OZARKS SINCE 1991, AND HAS BEEN FISHING THE LAKE CONSIDERABLY LONGER THAN THAT. HE MAY NOT FISH EVERY DAY, BUT HE DOES TRY TO!

SUPPORT MO AFS AND COME OUT ON THE WATER WITH MIKE FOR A FLY FISHING ADVENTURE ON YOUR CHOICE OF MISSOURI WATERS.

FLY FISHING WITH MIKE KRUSE



Mike Kruse, Columbia, MO MOAFS member Mike Kruse is hosting a fly fishing trip for two people to a Missouri water of choice. Options include spring bluegill fishing, summertime dawn/dusk bass bugging or a wade fishing trip on an Ozark trout stream. The trip will be tailored to the interests and skill level of the successful bidder and the destination will be selected based on the fishing conditions at the scheduled time of the trip. The trip must be taken between April 1 and Dec. 31, 2017.

HELP SUPPORT MOAFS AND COME OUT FOR A HUNT FOR CANADA GEESE WITH TIM.

2017-2018 CANADA GOOSE HUNT WITH TIM GRACE



Tim Grace, Columbia, MO Hunt resident and migrant Canada geese over water in central Boone County. Regulations for the 2017-2018 season are expected to be similar to 2016-2017 with a daily bag limit of three geese and regular season running November 11 to February 6. Better hunting usually occurs during the latter part of the season when more geese are in the area and smaller bodies of water are frozen over. A specially-designed aeration system keeps an area of water open in front of the hunting blind (heated) which can provide some very exciting shooting opportunities. It's advantageous if the winning bidder is flexible when scheduling the hunt to improve chances for success. I will contact the bidder when geese are using the lake. Hunt is for 1-3 people.

Outdoor Adventures - Winter 2017 (continued...)

IF YOU WOULD LIKE TO EXPERIENCE MUSKY FISHING AT IT'S FINEST, PLEASE SUPPORT MO AFS AND COME OUT ON THE WATER WITH DAVE.



MUSKY FISHING WEEKEND IN NW WISCONSIN

Dave Neuswanger, Hayward, WI

Retired fishery management biologist Dave Neuswanger and his son Bryan invite you to an early fall weekend (mid-September through mid-October) you will not soon forget - fishing for muskellunge on Lost Land and Teal lakes near the home of the Freshwater Fishing Hall of Fame in Hayward, Wisconsin. Raffle includes lodging and food for two nights at Dave and Bryan's cabin in Steamboat Bay of Lost Land Lake.

HELP SUPPORT MOAFS WITH BIDDERS CHOICE OF A SPRING TURKEY HUNT OR A DUCK OR CANADA GOOSE HUNT WITH SEAN LAWLER AND NORTHWEST WIND OUTDOORS.



SPRING TURKEY HUNT OR DUCK OR CANADA GOOSE HUNT WITH NORTHWEST WIND OUTDOORS



Sean Lawler, Harlan, IA

This auction is for bidder's choice of either a one person spring turkey hunt or a duck or Canada goose hunt for up to four people. Bidder will also have choice of hunting location on private property near Harlan, IA or near Sumner, MO.

SUPPORT MO AFS AND COME OUT ON THE WATER WITH MIKE FOR A CHANCE TO HOOK IN TO MISSOURI'S FAMED PADDLEFISH.



GUIDED SNAGGING TRIP WITH MIKE BAYLESS

Mike Bayless, Clinton, MO

Come along on a trip on Truman Lake and the Upper Osage after Missouri's famed paddlefish. Trip includes everything you need. Just bring your fishing license, snacks, and a cooler to take home your catch. Snagging season runs from March 15 to April 30. The best chance of catching good numbers is when the season opens. The best chances of catching a larger fish are mid-April.

HELP SUPPORT MOAFS AND COME OUT FOR A HUNT FOR CANADA GEESSE WITH TIM.

2017-2018 CANADA GOOSE HUNT WITH TIM GRACE



Tim Grace, Columbia, MO

Hunt resident and migrant Canada geese over water in central Boone County. Regulations for the 2017-2018 season are expected to be similar to 2016-2017 with a daily bag limit of three geese and regular season running November 11 to February 6. Better hunting usually occurs during the latter part of the season when more geese are in the area and smaller bodies of water are frozen over. A specially-designed aeration system keeps an area of water open in front of the hunting blind (heated) which can provide some very exciting shooting opportunities. It's advantageous if the winning bidder is flexible when scheduling the hunt to improve chances for success. I will contact the bidder when geese are using the lake. Hunt is for 1-3 people.

IF YOU WOULD LIKE TO EXPERIENCE SOME OF MISSOURI'S PREMIER QUAIL HUNTING, GRAB YOUR SHOTGUN AND SUPPORT MO AFS.

QUAIL HUNT RICHARD PHILLIPS' FARM WITH ELSA GALLAGHER



ELSA, STATEWIDE COORDINATOR FOR MISSOURI QUAIL FOREVER, WILL GUIDE YOU ON A HUNT AT THE PHILLIPS' FARM. RICHARD AND HIS FAMILY HAVE BEEN RECOGNIZED FOR THEIR QUAIL MANAGEMENT ACTIVITIES ON THEIR FARM NEAR NORBORNE, MO.



UCM AFS Chapter Report - Summer 2016

The University of Central Missouri (UCM) AFS has had a busy year. Students had a chance to help with the James A. Reed Memorial Wildlife Area Discover Nature Family Outdoors Day this past September in Lee Summit, MO. The student chapter with the help of Bob Mattucks, an MDC Fisheries Biologist, helped children and their parents go fishing and learn a little about how streams move across a landscape on a stream table. It was a good time baiting hooks, releasing fish, and playing in an adult version of a sophisticated sand box with recycled plastic sand and running water to mimic a stream. The kids, adults, and volunteers all enjoyed seeing and playing with the stream table during the event.



In an effort to welcome new AFS members and to recruit the undecided, the chapter hosted a game night for all UCM students to come and have fun playing various games like washers, corn hole, board games, redneck golf, and card games. We served drinks and hotdogs followed by some good old fashion chocolate chip cookies for dessert. Participants got a chance to interact with our members and learn what our student chapter goals are.

Our chapter's Stream Team Unit (STU) went out to the East Fork of Post Oak Creek in Warrensburg, Missouri to do some data collection on water quality through looking at the presence and abundance of aquatic invertebrates. With our new Aquatic faculty, Dr. Aaron Geheber, members backpack electrofished and identified.

Members went out Lakewood Lake in Lee Summit, MO to survey the lake and give advice to the community board on how to improve shoreline habitat for the lakes fish community. AFS student chapter was asked by UCM to help implement a management plan to clean up Lake Cena at Pertle Springs in Warrensburg, MO after it was dredged. The members went out and donned chest waders to help pull out the floating lily mats that were dislodged but not pulled out by the dredging crew. It was good hard work that gave our members a taste of how hard, but rewarding aquatic management can be.

AFS is currently helping UCM's Wildlife Society student chapter recruit wildlife professionals to attend our annual Bio Blitz. Professionals, professors, and students demonstrate techniques in wildlife and aquatic management.





SOUTHEAST MISSOURI STATE UNIVERSITY · 1873

SEMO AFS Chapter Report - Summer 2016

Prepared by Tyler Ham

While the temperatures may be dropping this winter, the Southeast Missouri State Subunit is heating up! We have been hard at work building on previous projects and ideas, trying to better serve the Chapter and Society and help our members advance and grow. Exciting recruitment activities are being planned for the upcoming semester and we are trying hard to get the message out about all the benefits of AFS membership. Our membership has shrunk, with former Vice-President Chris Schwingamer moving on to begin his career as an Asst. Biologist for Indiana DNR, and while we are sad to see him go we are excited to see him take the next step in his career! Our members had an excellent time at the National AFS meeting in KC, presenting research and networking with other students and professionals (and of course partaking in some excellent BBQ!). With both the Missouri Natural Resources Conference and the Midwest Fish and Wildlife Conference drawing near, subunit members are hard at work making travel preparations and preparing posters/presentations. We can't wait to see everyone and take advantage of some of the excellent workshops being offered! As far as local events are concerned, we have continued our Asian Carp filleting demonstration collaborations with MDC. The SEMO AFS Subunit partnered with the SEMO Chapter of The Wildlife Society to enter a float in the SEMO Homecoming Parade this fall and our friend Smokey the Bear pitched in, handing out candy and high fives to parade-goers. We were lucky enough to have an opportunity to help a local landowner sample some private ponds that gave members hands-on experience in pond management and are helping to build partnerships within our local community. Lastly, the Subunit hosted a booth at the MDC Day on the River Event in Cape Girardeau, which drew over 3,000 people to the Cape Waterfront. At the event we sold Asian Carp Nachos and Asian Carp hot dogs that were a huge hit with all those who tried them and the funds from which are helping the subunit purchase supplies and fund travel to conferences and trainings.



30th Annual Crayfish Derby!! - 2017

Saturday, May 27th, 2017

Prepared by Bob DiStefano

Pictures provided by: Jacob Westhoff

- The Crayfish Derby started out as a semi-educational and semi-social event. It was a way for Cindy and Bob DiStefano to throw a party for friends and family, but also to do some “light” public education about crayfish, especially for children. The annual event maintains a “kid friendly” approach, where young kids are encouraged to dive in and enjoy watching and handling the crayfish.
- Held on Saturday of Memorial Day weekend, this year would be the 30th Annual. The first Derby was located at Cindy’s house with about 25 attendees. Then it moved to a public park, where it has grown substantially. Most years now have about 120-140 attendees.
- The event largely centers on a series of crayfish races, where each attendee is “issued” a crayfish that “runs” in at least one race. Crayfish-themed prizes are awarded for winners of every race. Races are preceded by a large pot-luck picnic supper.
- Each year the derby has a different crayfish-related theme. Typically, a very informal and “loosely organized” skit kicks off the races. Every year, since the 2nd Annual, T-shirts for that year’s theme are designed, produced and offered to attendees.
- Fun Fact: The 7th Annual Crayfish Derby actually served as the wedding reception for friends, and that year’s skit was a “mock” re-enactment of Bob and Cindy’s wedding, but with crayfish-related costumes and “vows”.

If interested in finding out more information about the Crayfish Derby or ordering your one-of-a-kind 30th Annual Crayfish Derby T-shirt contact: Bob DiStefano: distef@tranquility.net



MOAFS New Officer Elections - Winter 2017

MOAFS members: we have an unusual situation this year with Officer elections. We have two unopposed nominations. Clint Hale for President Elect and Secretary candidate is Brandon Baumhoer. There will be no reason to actually vote this year, but the following bio's will tell you more about them if you don't already know them.

President Elect - Clint Hale



My name is Clint Hale. I am 38 years old and work for the Missouri Department of Conservation as manager of Shepherd of the Hills Hatchery. I come from a small town (Belle, MO) with an undergraduate degree from the College of the Ozarks in Branson and a master's degree in Human Relations/Education from Drury University in Springfield. Working in the conservation field with aquatic resources has been a future goal of mine since I was young.

At Shepherd of the Hills, I have been active in managing fish production as well as working with endangered species, a job I enjoy very much. Outdoor recreational activities are also an important aspect of my life. One of my main outdoor hobbies is fishing at every opportunity and participating in competitive bass fishing tournaments. The love of the outdoors was my driving force in my decision to pursue a career in conservation. This aspect was also influential in my interest to serve as an officer within MOAFS.

Aquatic resources are important elements within the world we live in. Their importance in relation to livelihood, income, food, cultural value, and recreation cannot be denied. The protection and restoration of our aquatic resources is of the utmost importance. Support for our present group of professionals, including researchers, educators and field personnel is important and support for our future fishery professionals is vital. The future stewardship of Missouri's aquatic resources lies with our students. The future quality of these aquatic resources will depend on our citizens. I believe that MOAFS has a vigorous and active role to play in all of these areas and as an officer I will do my best to make MOAFS as beneficial to our professionals and students as possible.

Serving as the MNRC chairman for the 2014 conference (and as a point of contact in subsequent years) provided me with valuable planning and outreach skills. I would apply these same skills and devotion to the society goals if I were fortunate enough to serve as president. Our society does a tremendous job in relation to student support, disabled angler events, and promoting diversity among membership. I believe these efforts can be expanded and would pursue efforts to involve membership at every level. There are many members willing to serve and my goal is to provide them with every opportunity to contribute.

MOAFS New Officer Elections - Winter 2017

Secretary - Brandon Baumhoer



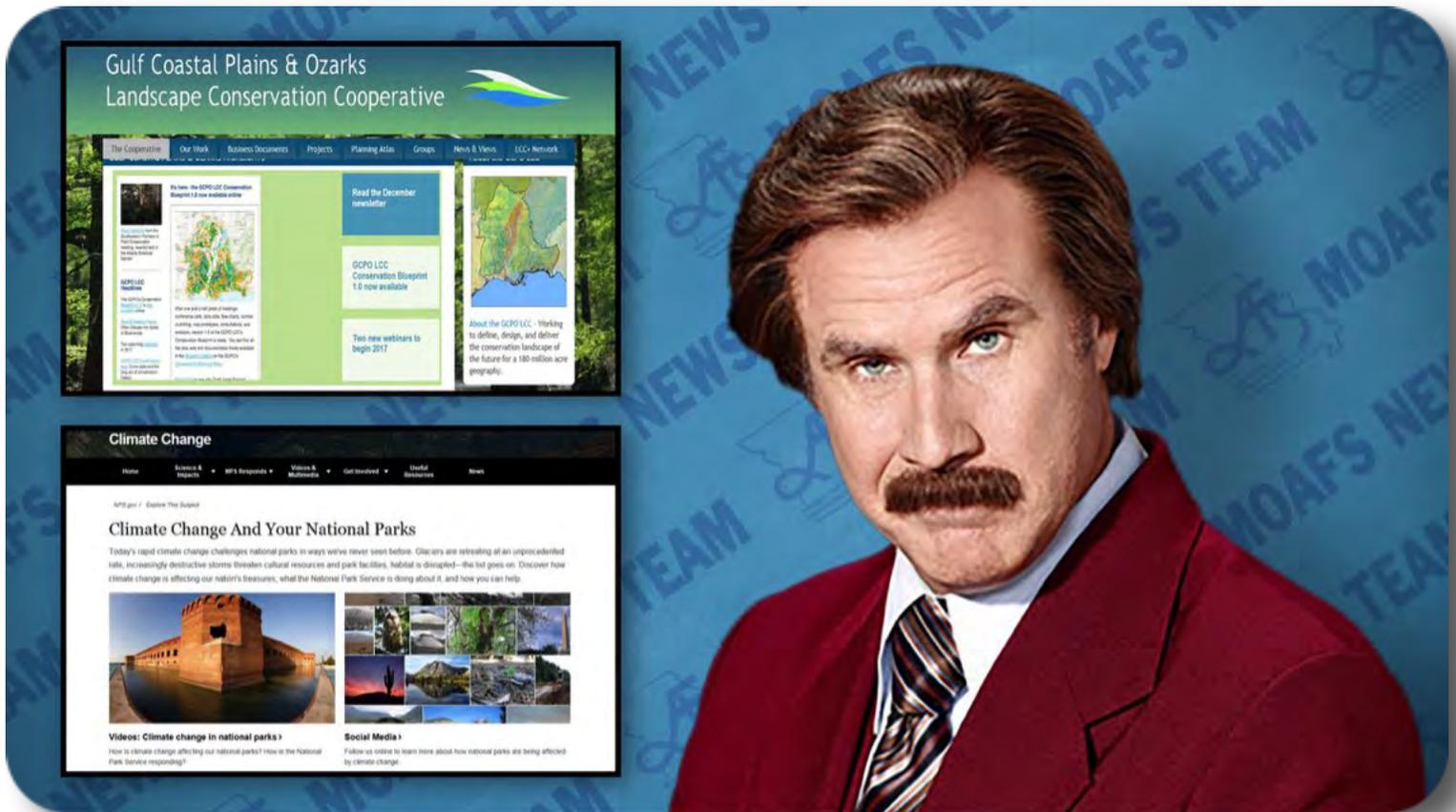
I am an Environmental Specialist with the Missouri Department of Natural Resources' Water Quality Monitoring Section in Jefferson City. I received a Bachelor's Degree in Natural Resource Management from Lincoln University in 2011. Between studies, I sought refuge at the Aquaculture Facility where I gained an appreciation for culturing and propagating various centrarchids. On summer break, I could be found in a trawl boat cruising the Big Muddy searching for the elusive Pallid Sturgeon, while interning with the U.S. Fish and Wildlife Service's Columbia FWCO. These experiences motivated me to continue my education. So, this life-long Jefferson City native made the decision to migrate south in pursuit of a Master's Degree. In 2013, I received my Master's Degree in Aquaculture/Fisheries from the University of Arkansas, Pine Bluff. The primary objective of my research topic focused on propagating Triploid Hybrid Crappie through pressure shocking in an effort to create an

alternative stocking option for Crappie species in small impoundments. After completing my Master's Degree, I migrated back to Jefferson City and began working in my current position with MDNR. The work here has afforded me the opportunity to spend a large portion of my time assessing the state's wadeable streams. More specifically, our group focuses on collecting water chemistry data to help develop and maintain water quality standards statewide. I have had the opportunity to sample some of the best streams our state has to offer, which has been a blessing. Unfortunately, sampling a stream that has recently been inundated with wastewater can also be part of the job. If only my hip boots could talk.... Through these experiences good and bad, I have gained such an appreciation for all of Missouri's resources.

I have been a member of AFS and MOAFS since 2014. Although I am relatively new to the organization, I am looking forward to taking on a more active role in the chapter.

In my spare time, I enjoy doing just about anything that gives me an excuse to get outdoors. I particularly enjoy spring mornings coupled with a gobbling turkey headed my direction. I also enjoy the occasional boat ride with a tank full of bait in search of a susceptible catfish.

BREAKING NEWS



Gulf Coastal Plains & Ozarks Landscape Conservation Cooperative (GCPO LCC) News

Website: <http://gcpolcc.org/>

- **Blueprint 1.0 now available.** This data gallery serves as the central location for stakeholders and partners to access organized spatial data and maps related to the Gulf Coastal Plains and Ozarks LCC (GCPO) Landscape Conservation Design (LCD) process. The mission of the GCPO LCC is to define, design and deliver landscapes capable of sustaining fish and wildlife populations now and into the future. The GCPO LCD gallery contains spatial data related to the existing network of protected and prioritized lands and waters for conservation in the GCPO geography. Access Blueprint 1.0 at: <https://gcpolcc.databasin.org/galleries/878cb6e7cf234d8fafc6e9ae34d6d10f>
- **2017 webinars.** Two webinars will focus on ecosystem service and biological objectives of GCPO LCC. A webinar on "Mapping Ecosystem Services for the Gulf Coastal Plains & Ozarks Region" will be given on Jan 17, 2017 2:00 PM CST. A second webinar on "Establishing Explicit Biological Objectives to Guide Strategic Habitat Conservation for the Gulf Coast" will be held on Feb 16, 2017 9:00 AM CST. For more information and to register go to:

<http://gcpolcc.org/profiles/blogs/next-up-in-2017-two-gcpo-webinars-focused-on-ecosystem-services-a>

BREAKING NEWS (Cont.)

National Park Service Climate Change Response Program News

Website: <https://www.nps.gov/subjects/climatechange/index.htm>

- **Science of Climate Change in National Parks Video series.** Interviews with scientists on the science of climate change and how parks are responding and adapting their resource management to account for the effects of climate change.

- **Climate Change Response Newsletter.** Features climate change studies and workshops conducted in National Parks. One article featured work completed by Jacob Schwoerer, University of Missouri graduate student, on assessment of aquatic community vulnerability in seven Midwest parks, including three parks in Missouri.

Assessing Aquatic Community Vulnerability to Climate Change and Land Use Disturbance in Heartland Network Parks

Climate change is one of the leading threats facing ecosystems worldwide, and is of particular concern for river ecosystems. It is more important now than ever to prioritize locations that will be impacted most by these changes. Data collected as part of the aquatics monitoring from seven parks (Pipestone National Monument, Tallgrass Prairie National Preserve, Homestead National Monument of America, George Washington Carver National Monument, Wilsons Creek National Battlefield, Ozark National Scenic Riverways, and Buffalo National River) in the Heartland I&M Network are being used in a collaborative project between the NPS, USGS Missouri cooperative Fish and Wildlife Research Unit, and the University of Missouri to assess stream community (fish and aquatic invertebrate)

stability and vulnerability to land use and climate change. Preliminary results reveal that aquatic invertebrate communities within small streams are more spatially stable, while fish in all streams and aquatic invertebrates in large streams are more temporally stable. Stream community vulnerability to land use and climate change will be assessed and results will be used to investigate areas or stream attributes that are linked to heightened vulnerability. these findings will ultimately be used as a prioritization tool so that time and resources may be allocated according to need.

Contact: Jacob Schwoerer (jmsh33@mail.missouri.edu) or Hope_Dodd@nps.gov

Upcoming Conferences and Meetings

Missouri Natural Resources Conference - Osage Beach, MO, February 1-3, 2017, <http://www.mnrc.org/>

Southern Division American Fisheries Society - Oklahoma City, OK, February 2-5, 2017
<http://sd.fisheries.org/2017-oklahoma-city-meeting/>

Midwest Fish and Wildlife Conference - Lincoln, NE, February 5-8, 2017 <http://www.midwestfw.org/>

Association for the Sciences of Limnology and Oceanography 2017 Aquatic Sciences Meeting - Honolulu, HI, February 26 - March 3, 2017, <http://sgmeet.com/aslo/honolulu2017/>

Freshwater Mollusk Conservation Society - Cleveland, OH, March 26-30, 2017, http://molluskconservation.org/EVENTS/2017Symposium/2017_FMCS-Symposium_INTRO.html

Rivers and Streams Technical Committee Meeting - Illinois, Date TBD in Spring 2017, <http://ncd.fisheries.org/rivers-and-streams/>

Society for Freshwater Science - Raleigh, NC, June 4-9, 2017, <http://www.freshwater-science.org/annual-meeting/future-meetings.cfm>

2017 Joint Meeting of the Centrarchid, Esocid, and Walleye Technical Committees - Isle, MN, July 18-20, 2017, <http://ncd.fisheries.org/walleye/>

Ecological Society of America - Portland, OR, August 7-12, 2017, <http://www.esa.org/esa/meetings/annual-meeting/>

Joint Meeting of the American Fisheries Society and the Wildlife Society - Tampa, FL, August 20 - 24, 2017 <https://fisheries.org/2013/06/bringing-together-fish-and-wildlifein-2017/>

Entomological Society of America - Denver, CO, November 5-8, 2017, <http://www.entsoc.org/events/annual-meeting/>

International Society for River Science - Hamilton, New Zealand, November 19-24, 2017, <http://riversociety.org/5th-biennial-symposium-of-the-international-society-for-river-science-hamiltonnew-zealand-19-24-november-2017/>



Editor's Note (Pssst...Hope Dodd joined our editorial staff!!)
We hope you have enjoyed this issue of the Missouri AFS biannual newsletter. Your submissions of stories, articles, and reports are what make this publication exciting, special, and something to look forward to every summer & winter. If you have newsletter contribution suggestions for future issues, please do not hesitate to contact us. Have an enjoyable Summer!
Emily, Hope, and Dan

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