

President Dan Brauch, President-Elect Laurie Earley, Vice-President Eric Fetherman, Secretary-Treasurer Laura Burckhardt,
Past-President Todd Pearsons, Student Representative Kat Dale

Advancing fisheries and aquatic science and professionals in western North America

Business Meeting & Awards Ceremony: Wednesday, August 24, 2022 Start Time: 12:00 pm PT Held at AFS Meeting in Spokane

Notes

A quorum (>20 members) was present.

The attached slide show presentation contains the agenda and slides for each of the topics. Additional information that was presented that was not contained in the slide show is summarized below:

- The ECP committee read their mission
- Awards
 - No applications were received for the Small Chapter Award and applications are encouraged for next year.
 - All student subunits are encouraged to apply for the Best Student Subunit award.
 - Award recipients said words of thanks and encouragement for future award winners.
- New Business: Kelle Koche introduced herself. She encouraged members and nonmembers to fill out the Membership survey.

Meeting adjourned at 1:15pm PT

2022 Western Division Business Meeting

August 24, 2022

Spokane, Washington (at AFS 2022)

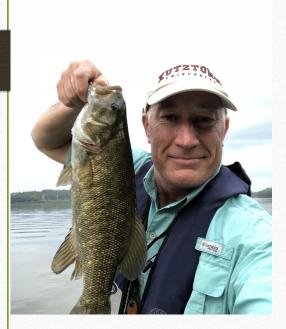




Schedule

- Call to order and determination of quorum (Dan 1 minute)
- Introduction of officers and attending Excom Members (Dan 1 minute)
- AFS President, AFS Exec Director, WDAFS President addresses (up to 5 min/address; 12 min tot)
- Election results (Todd 3 minutes)
- Treasurer's report and Financial Sustainability report (Laura; 5 minutes)
- Committee reports and awards (WNFC Timothy, ECP Tawni, D&I Emily RPECC Todd; 4 min/comm; 16 tot)
- Student report (Kat 4 minutes)
- Scholarships (Todd 4 minutes)
- Outstanding chapter awards (Laurie 4 minutes)
- Riparian Challenge award (Amy 5 minutes)
- Award of Merit, Special Recognition Award, Robert Borovicka Conservation Achievement Award, Award of Excellence, Conservation Achievement Award, and Award of Special Recognition (Todd. 10 minutes)
- Small Project Grant winners (Todd 1 minute)
- Past President Award (Dan 4 minutes)
- Travel Grant Winners (Eric 1 minute)
- Next meetings and Salutation (Dan 1 minute)
- Ask membership if there is any New Business (Dan 1 minute)
- Adjourn. Total Time (~73 minutes, leaving about 7 minutes for transitions)

AFS Executive Director Address







Doug Austen



AFS President's Address

• Leanne Roulson





WDAFS President's Address

Dan Brauch, President





- Excited to host AFS 2022!
- Pacific Islands Chapter
 - Host AFS 2024
- Officer Election Results

Julie Carter – Incoming Vice President

Served in the Peace Corps in Kazakhstan as an advisor for a fish and wildlife NGO

Fisheries Biologist for USGS Alaska Science Center in Anchorage, AK

MS in Fisheries Science at University of Alaska Fairbanks

Native Trout Coordinator and Statewide Native Program Manager and now Aquatic Wildlife Branch Chief for Arizona Game and Fish Department

Western Native Trout Initiative Chair AFS Fisheries Management Section President - Elect



Jack McLaren- Incoming Student Representative

Utah State University subunit

Ecology PhD student in the Department of Watershed Sciences and the Ecology Center

Work with the Henrys Fork Foundation in Idaho



WDAFS Secretary-Treasurer Report

Laura Burckhardt, Secretary-Treasurer

Account Balance \$626,083

- WD Funds: \$325,352
 - \$93,405 Cash
 - \$231,497 Investment
- \$338,352 Investments for Sub-unit
- FY22 WD Anticipated Income: \$67,800

Member Support \$27,600

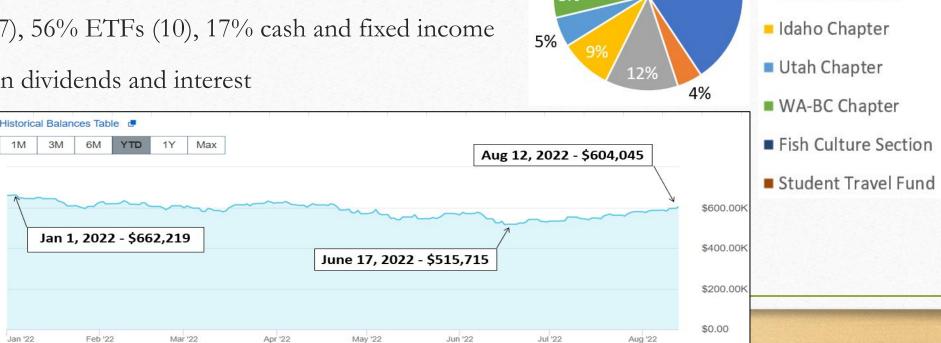
- \$11,800 Student Support
- \$5,000 Small Project Grants
- \$4,000 Travel Support
- \$3,400 Committee Funding
- \$2,400 Awards & Recipient Travel
- \$500 Meeting Sponsorship
- \$500 Book Projects

WDAFS Investment Account

Troy Brandt, Financial Sustainability Committee Chair

- Established in 2001 with \$50k contribution
- Current balance = \$604k, Unrealized gains = \$213k
- 27% stocks (7), 56% ETFs (10), 17% cash and fixed income
- ~\$11k/year in dividends and interest

Jan '22



15%

41%

■ Western Division

AZ/NM Chapter

■ CO/WY Chapter

Western Native Fishes Committee





- Couple minor hiccups
- Check it out!
- Interested? Contact:

WesternNativeFishes

@gmail.com



Search by keyword or location

Get Started Explore Create Community Workspace

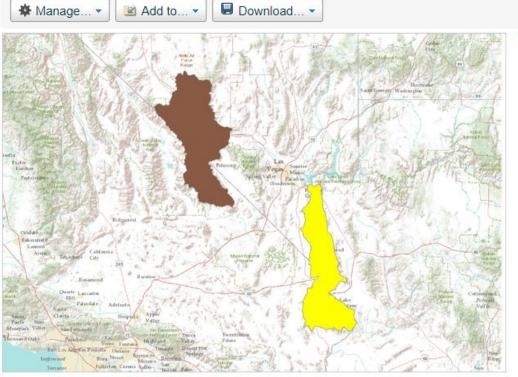
DATA BASIN | DATASETS | DEVILS HOLE PUPFISH (CYPRINODON DIABOLIS) DISTRIBUTION AND STATUS BY HUC8

Devils hole pupfish (Cyprinodon diabolis) distribution and status by HUC8

Uploaded by Western Native Fishes Committee

Aug 8, 2012 (Last modified Apr 2, 2021)

Open in Map



Description:

Devils hole pupfish (Cyprinodon diabolis) status data created for the Western Division of the American Fisheries Society (WDAFS)

Andersen, M.E. and Deacon, J.E., 2001. Population size of Devils Hole pupfish (Cyprinodon diabolis) correlates with water level. Copeia 2001: 224-228.

Wilcox, J.L. and Martin, A.P., 2006. The devil's in the details: genetic and phenotypic divergence between artificial and native populations of the endangered pupfish (Cyprinodon diabolis). Animal Conservation 9: 316-321.

Hausner, M.B., Wilson, K.P., Gaines, D.B., Suárez, F., Scoppettone, G.G. and Tyler, S.W., 2014. Life in a fishbowl: Prospects for the endangered Devils Hole pupfish (Cyprinodon diabolis) in a changing climate. Water Resources Research 50: 7020-7034

ore

Resource Policy and Environmental Concerns Committee

Chair: Bob Hughes (OR); Members: Bob Vadas (BC/WA), Gary Sprague (CA/NV), Brett Roper (UT), Dan Dauwalter (ID), Norman Mercado Silva (MX), Joel Markis (AK), Eric Fetherman (CO/WY), Colleen Caldwell (AZ/NM)

Commented on:

AFS/ CASS (Consortium of Aquatic Scientific Societies) Amici Curiae brief regarding waters of the USA

Contributed to waters of the USA letter to USEPA and USACOE

Published

Hughes, R.M. and R.L. Vadas. 2021. Agricultural effects on streams and rivers: a western USA focus. Water 13. doi.org/10.3390/w13141901

Storch, A., Schaller, H., Petrosky, C., Vadas Jr., R., Clemens, B., Sprague, G., Mercado-Silva, N., Roper, B., Parsley, M., Fetherman, E., Bowles, E., Hesse, J., and Hughes, R.M. 2022. A review of potential conservation and fisheries benefits of breaching four dams in the Lower Snake River (Washington, USA). Water Biology & Security 1(2). doi.org/10.1016/j.watbs.2022.100030

Organized session for 2022 Annual Meeting:

Connectivity Through Barrier Removal: Balancing Critical Ecosystem Processes with Complex Management Issues

Diversity & Inclusion Committee

Who We Are

- Mission: To increase the participation and equitable treatment of members of the WDAFS. Identify, recommend, and implement diversity and inclusion initiatives that benefit the fisheries profession.
- 20 members
- co-chairs: Emily Chen and Laura Slater















Diversity & Inclusion Committee What We Do

- Recognize Service
 - O D&I Award, Mentorship Award
- Provide Recommendations
 - Chapters
 - o Division
- Coordinate with other societies and non-profits



Diversity & Inclusion Committee What We Do

- Training
 - Interrupting Bias
- Conference Support
 - O Representative on Planning Committee, Larissa Lee
 - Symposia, Continuing Education
 - DEI Booth, Badges
 - Provide Recommendations Code of Conduct, Access, Speaker Diversity



Diversity & Inclusion Committee

Connect and Get Involved

Join us

- Every other month meetings
- Email: diversityinclusion@wdafs.org
- Website: wdafs.org/about-us/committees/diversity-and-inclusion-committee/
- O Join a working group (Conference planning, education and training, visibility and awards, equity and access, outreach and recruitment)
- Access resources: https://diversity.fisheries.org/resources/
- Support efforts at your Chapter (Alaska, California, Colorado-Wyoming, Oregon)

Tawni Riepe, Chair

Updates

- Five new and active committee members
- Brainstorming new ideas for the next year
- CV/Resume workshop and panel
- Offered three WDAFS members ECP travel grants to attend the meeting





New Committee Members



New Ideas

- Involvement of ECPers from Tribal communities
- NSF Research Experience for Undergraduate (REU) Awardees
- Getting interest in ECPers in Hawaii so we can plan events during the 2024 meeting
- Articles of ECP related research for the Tributary
- Future webinars: Moving from undergraduate/graduate school to the job force





Wednesday, Aug 24 • 1:30-3p

Convention Center Room 206B



1:30-2:15p: Career panel with AFS

Early Career Professionals

2:15-3p: "Create a resume/CV"

workshop and Resume/CV Peer Review

(concurrent)

This workshop is for anyone who wants to learn how to craft a CV, or who wants a second set of eyes on one they've already created!

Travel Grant Awards

Registration Awards

Qualifications:

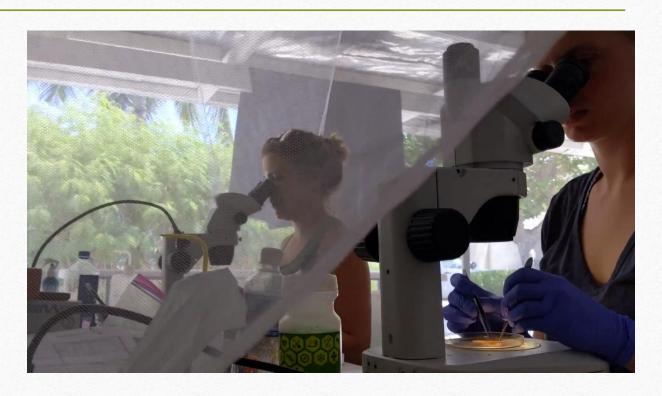
- Current WDAFS membership
- Graduated academia since 2017

Ranking:

- Participation at the meeting/ECP
- Interest in future AFS service
- Strong interest in fishery science

Awards

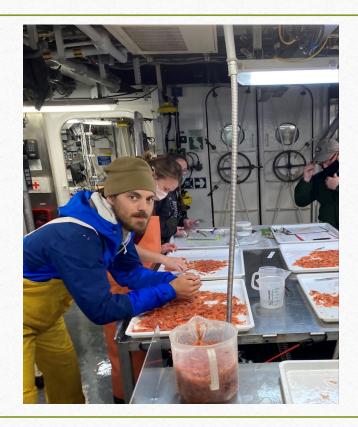
• Three awards - \$500 each



Travel Grant Awards

Dylan Gomes

I am a national Academy of Sciences NRC postdoc with NOAA Fisheries. I have built an end-to-end ecosystem model of the Northern California Current large marine ecosystem and am working on running simulation scenarios with this model to understand declines in the ocean phase of juvenile salmonids.



Travel Grant Awards

Cat Adams

I am a research associate in the Larval Fish Lab at Colorado State University and am currently working on various projects in the Upper Colorado River Basin investigating native fish ecology and conservation



Travel Grant Awards

Cortney Brown

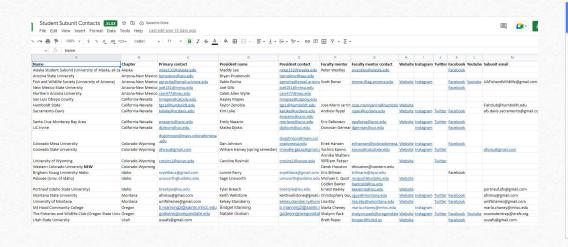
I am a Fisheries Biologist working for an aquatic resource restoration company called Inter-Fluve. I have experience with sturgeon monitoring and research, hydropower compliance, topographic surveying, and construction oversight.

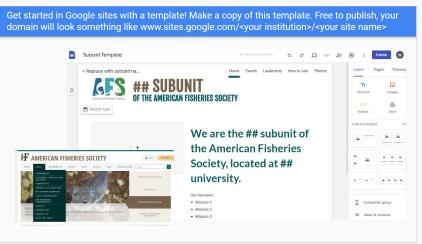


WDAFS

Student Representative Report – Kat Dale

- Created a database for Western Division subunits (contact info, social media/website links, faculty sponsors, etc)
- Hosted a subunit website workshop last week







2022 WDAFS Virtual Student Colloquium San Jose, CA at Blue Oak Natural Reserve



- A small group in person + a few online
- A tour of the Skinner Fish Sorting Facility, relaxed presentations, a CV peer review workshop, hikes, fish trivia!
- Encourage your students to attend next year's colloquium!





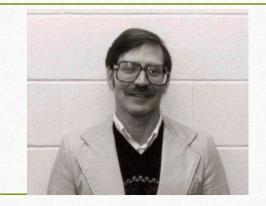


A **HUGE** thank you to the student planning committee, most of whom were WD students!

Cortney Brown • Alex Capone Lopez • Taylor Cubbage • Lauren Diaz • Kadie Heinle • Mike Lawrence • Hayley Mapes • Jack McClaren • Marissa Rykowski

Finally: Encourage your subunits to apply for the Outstanding Subunit Award!

Eugene Maughan Scholarship



Bob Gresswell, Scholarship Chair

- Excellent scholarship as evidenced by grades in rigorous course work during the last 60 hours as an undergraduate and during graduate studies.
- Potential for future contributions to the fisheries profession through management, research, or teaching.

- Significant progress toward attaining a graduate degree in fisheries science with a defined thesis or dissertation project.
- Graduate studies on fisheries sustainability

Eugene Maughan Scholarship Michael Miller

• \$1,250

MS Student

New Mexico State University



Eugene Maughan Scholarship George Valentine

• \$1,250

MS Student

Colorado State University



Eugene Maughan Scholarship Jacey Van Wert

• \$2,500

• PhD Student

 University of California – Santa Barbara





2022 Outstanding Large Chapter Oregon Chapter

Chapter Officers



(OSU) President



Chris Hirsch (USFS) President-Elect



Peter Stevens (ODFW) Past President



Victoria Quennessen (OSU) Vice President



Andrea Carpente (ODFW) Secretary



(ODFW) Treasurer



Ryan Branstetter (CRITFC) External Director



Peggy Cavanagh (ODFW) Internal Director





ORAFS 2022



Outstanding Student Subunit Santa Cruz – Monterey Bay Area

Instagram and Twitter: @scmbas afs

Website: https://ucsc.fisheries.org/

 Committed to educating the local community about the importance of fisheries and aquatic ecosystems



DIVERSE VOICES

Miranda Bell Tilcock

UC Davis

Dr. Adrian Munguia-Vega University of Arizona

May 4

Dr. Levi Lewis UC Davis

Dr. Katy Seto

UC Santa Cruz Dr. Lauren Simonitis

University of Washington

Every other Wednesday 4-5 PM

Join us on Zoom

Meeting ID: 970 6501 8614 Password: fisheries









Riparian Challenge Awards

Amy Sacry, Award Chair

• Recognizes organizations that have restored riparian systems along lakes, streams, and wetlands in the geographical region of the western United States that comprises the Western Division. Each year, WDAFS gives an award to the implementer of an outstanding riparian project in each of the following categories: (1) U.S. Forest Service (USFS) projects; (2) Bureau of Land Management (BLM) projects; and (3) projects completed by entities other than the USFS and BLM.

Riparian Challenge Award: BLM Coos Bay District, Myrtlewood Field Office, Oregon

Floras Creek Riparian and Water Quality Enhancement

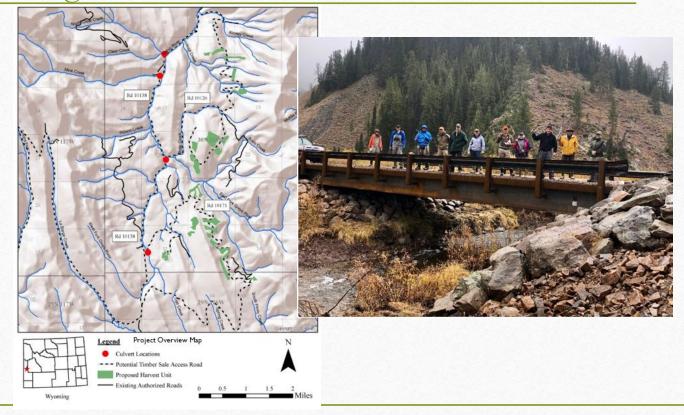
- 52,000 acre watershed supplying municipal water and habitat for Chinook and coho salmon
- Goal: Improve water quality and quantity for human consumption and aquatic ecosystem
- Objectives:
 - Enhance 71 acres of mainstem and tributary riparian habitat (weed control, revegetation)
 - Stabilize 1,500 feet of bank erosion on Floras Creek
 - Inventory, prioritize, and address sources of anthropogenic sediment (gullies and roads)
 - Suppress 25 acres of gorse in uplands
- https://workingwatersgeos.org/our-work/dwpp

Floras Creek Source Water Protection Area: Completed Projects 2015 - 2021 **ENGLISH IVY ERADICATION** MAY 2017 Legend Langlois Municipal Water Intake Offstream Livestock Water Systems Sediment Abatement Road Crossing Fish Passage Crossing DECEMBER 2020

Riparian Challenge Award: USFS Greys River Ranger District, Bridger-Teton NF

Tribasin Fish Passage and Watershed Restoration

- Collaboration to protect, reconnect, and restore streams on Bridger-Teton National Forest lands associated with a commercial timber sale.
- Reconnected 21.3 miles of spawning habitat for genetically pure Snake River cutthroat trout (a subspecies/subpopulation of Yellowstone cutthroat trout).



Riparian Challenge Award: Other McKenzie River Trust

Finn Rock Reach Floodplain Restoration: Phase 1

- Valley bottom restoration using process-based design techniques to restore single-thread incised channel to a hydrologically connected, dynamic, anastomosing system of channels and wetlands.
- Project goals:
 - Restore ecological processes by increasing surface water connectivity and wood abundance.
 - Increase low-velocity wetted area for native species Chinook salmon, bull trout, rainbow trout, cutthroat trout, Pacific lamprey, Western pond turtles and Western painted turtles.
 - Improve water quality by increasing the capacity of the valley to store sediment, cycle nutrients, and help establish diverse vegetation that provides abundant shade.





BEFORE AFTER















Riparian Challenge Award: Honorable Mention USDA-NRCS Field Office Moscow, Idaho

Little Bear Stage 0 Restoration

- Collaboration with private landowner to restore Little Bear Creek and associated wetlands to historic conditions using EQIP.
- First implementation of Stage 0 restoration in Idaho and first Stage 0 implementation for NRCS in the nation.



BEFORE



AFTER

2022 Award of Merit Dan Dauwalter, Trout Unlimited



• This award is given to **AFS**member(s) who have made
positive and regionally significant
contributions to the Western
Division, to our profession, and to
fisheries resources.

2022 Award of Special Recognition Brian Missildine, WDFW



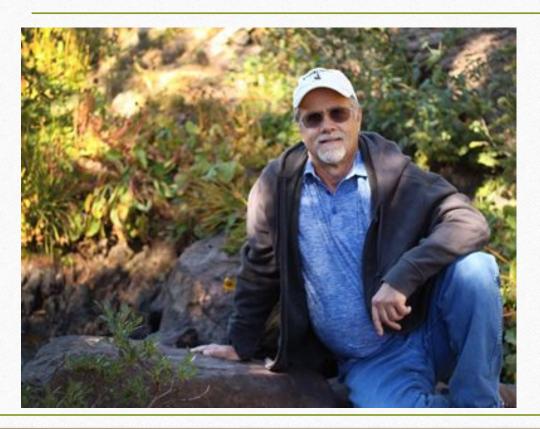
WDAFS gives this award to an AFS member or non-member (or, alternatively, to an organization) whose actions have directly benefited the Western Division and its members

2022 Robert Borovicka Conservation Achievement Award Charles Corsi, IDFG



• This award is presented to an **AFS**member or non-member who has
significantly contributed to fisheries
conservation within the geographic
region of the Western Division

2022 Award of Excellence Frank Rahel, University of Wyoming

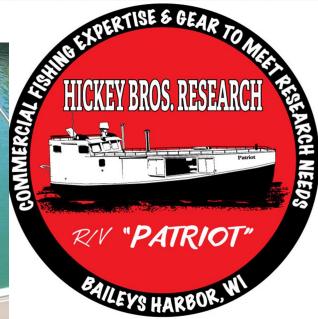


This award recognizes sustained professional excellence; it is the most prestigious award offered by the Division

2022 Conservation Achievement Award Hickey Bros. Research, LLC

This award is presented to an organization for their efforts to promote the conservation, development, and wise use of fisheries resources within the geographical region of the western United States that comprises the Western Division





2022 Award of Special Recognition City of Missoula

This award is given to an organization whose actions have directly benefited the Western Division and its members.



Small Project Grants

- Seed money for projects that further AFS and WDAFS mission
- \$4,987 total
- 14 proposals
- 6 grants awarded from \$490-\$1000



2022 Small Project Grant Recipients

- Emily Chen, University of California, Berkeley: Fisheries Figures of Color poster series
- Margaret Harings, University of Alaska Fairbanks: Using environmental DNA to monitor spawning run abundance and ecological relationships among fishes in the Yukon River drainage
- Ann Holmes, University of California, Davis: Application of environmental DNA metabarcoding for assessing efficacy of Marine Protected Areas in coastal California

2022 Small Project Grant Recipients

- Leigh Sanders, University of California, Davis: Double duty: Using fish DNA metabarcoding on waterfowl fecal samples to monitor the effects of wetland restoration on fish and listed waterfowl species
- Gretchen Sausen, U. S. Fish and Wildlife Service: Educating the Next Generation,
 Salmonids in the Classroom
- Alix Silver: Fishes of Lake Franklin D. Roosevelt book

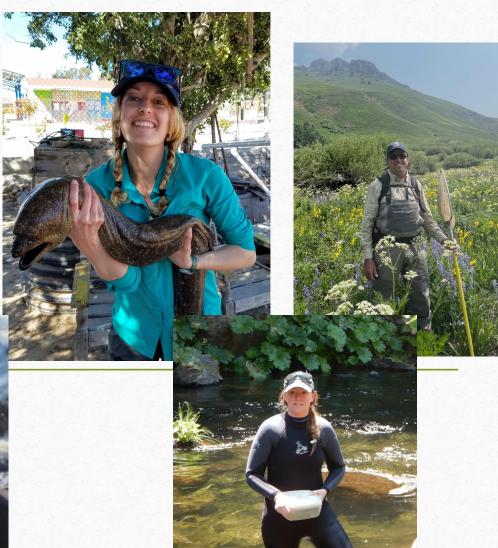
Thank you!!

2021-2022 WDAFS Officers and Student Representative









WDAFS Travel Grants

- Intended to help WDAFS members attend the annual WDAFS meeting
- 60 Applicants in 6 award categories
- 15 grants awarded ranging from \$500-\$2,000
- Student \$5,000, Early Career Professional \$1500, Emeritus \$500, Professional \$750, Indigenous/Tribal \$2,000 and International \$750.
- Total budgeted and awarded = \$10,500
- All awardees were expected to volunteer for 4 hours during the meeting

WDAFS Travel Grant Winners

Student

- Emily Chen
- Matea Djokic
- Carolyn Hamman
- •Kadie Heinle
- •John McLaren
- •Caroline Rosinski
- Brandy Smith
- Andrew Suchomel

ECP, Emeritus, Professional, International, Indigenous/Tribal

- Catherine Adams
- Cortney Brown
- Dylan Gomes
- Dr. Muhammad Naeem Khan
- Joe Margraff
- Jason Thomas
- Tracy Wendt

Future WDAFS & AFS Meetings

- 2023 WDAFS hosted by Idaho Chapter, Boise, ID May 7-11
- 2024 Joint AFS-WDAFS-Pacific Islands Chapter, Honolulu HI Sept 15-19
- 2025 WDAFS hosted by Colorado / Wyoming Chapter