A MESSAGE FROM THE DEPARTMENT HEAD

We've had a bit of a hiatus during a time of review and reflection here in Nash Hall. First, I want to thank Dr. Hiram Li for his service as editor for the past few years – your compilations, writing and insightful comments were much appreciated! As we look forward, we want to acknowledge the service and dedication of our recent retirees and emeritus professors – Hiram, Jim Hall, Howard Horton, Bruce Coblenz, Judy Li, Carl Schreck, Stan Gregory, Doug Markle, Jesse Ford, Bruce Mate, Pat Kennedy, Dan Roby, and David Sampson – who continue to provide their advice and institutional knowledge. Thanks!

This spring we lost a department icon – Lenora Bond, advisor for the students of Fisheries and Wildlife for many years. Lenora set the standard for student advising support in our department, a legacy that was carried on by Charlotte Vickers and Nancy Allen. Many of you will remember Lenora fondly.

Our College has a new Dean – Dr. Alan Sams, most recently from Texas A&M. I am pleased to report that Dean Sams appreciates the broad range of disciplines in the College of Agricultural Sciences and the valuable role that Fisheries and Wildlife plays in the environmental and natural resource science side of CAS. I am optimistic about our continued financial and institutional support as we move into strategic planning for the College, even as we bid a fond farewell to our Associate Dean and former Department Head, Dan Edge, this fall. Best of luck to you in your retirement, Dan, and don’t be a stranger!

Enrollments online continue to grow, particularly in our Graduate Certificate and non-thesis Master's degree programs. We are the largest online bachelor's degree program in our field in the country, both in student enrollment (600 students registered) and course offerings (over 50 undergraduate online course sections per term!). This success takes a great team of advisors and staff, and we welcomed Whitney, Erica and Kendall to the front office this spring. Amber has replaced Ann Leen as our Office Manager, and Emily is now our front office assistant. Big changes in Nash 104, and we are on a roll.

This year we had a terrific graduating class of over 140 students, with 58 graduates from our online degree programs. We celebrated with family and friends at Willamette Park, and I led the College in the procession to Reser Stadium. I always love going to commencement, and I get to wear a silly hat.

We look forward to hearing from you and sharing stories and triumphs!

Our 85th birthday is coming up in 2020, stay tuned for details!

SELINA HEPELL // selina.heppell@oregonstate.edu
RAFWE 2019

The 2019 Research Advances in Fisheries, Wildlife, and Ecology (RAFWE) symposium was held Friday April 12th, 2017 at the LaSells Stewart Center at Oregon State University.

Dr. Samuel Wasser of University of Washington was this year's plenary speaker. His talk titled “The Power of Non-invasive Approaches to Conservation Science” took place in the venue's second largest hall, with all 200 seats filled.

Donations for items for the silent auction, a raffle, and live auction were provided by local businesses and individuals, and all proceeds go toward supporting future RAFWE symposiums and professional development events.

RAFWE could not be possible without the support of our sponsors, local businesses, and those individuals who donated items! Thank you!
But are they really retired? Like actually retired? You could be forgiven for asking this question, because up until a few weeks ago sightings of Ann Leen and Dan Roby in Nash Hall were more common than a scrub jay in a Corvallis neighborhood.

But I promise you that the rumors are true: they are both (mostly) retired. I say mostly since we helped Dan rent a car this morning so that he and his team could get to the airport and fly to China to spend time with a bird or two.

And David is still doing a little work with ODFW but he assures me that he’s going to be making exciting plans with all of his eventual free time.

Whatever they decide it’s sure that they will have plenty of time for travel and adventures and we wish them all the best!
FW Out of the Office

[Images of various group photos and individual photos related to an event, possibly a social gathering or a team-building activity with themes involving shaving cream and costumes.]
Fish & Wildlife in the News
Featured stories of students and faculty

**How do salmon find their way back home? Magnetically.**
"We wanted to see how Atlantic salmon would respond if we put them into different magnetic fields at the boundaries of Pacific salmon oceanic range," Michelle Scanlan, research scientist at Oregon State University, said in a news release. "If we put them into an extreme northern field, would they 'course-correct' and align themselves in a southerly direction, and vice-versa? And the answer was yes."

[https://www.sciencefriday.com/segments/salmon-find-their-way-back-home-magnetically](https://www.sciencefriday.com/segments/salmon-find-their-way-back-home-magnetically)

**Migrating blue whales rely on memory more than environmental cues to find prey**
Blue whales reach their massive size by relying on their exceptional memories to find historically productive feeding sites rather than responding in real time to emerging prey patches, a new study concludes.

[https://www.sciencedaily.com/releases/2019/02/190226112405.htm](https://www.sciencedaily.com/releases/2019/02/190226112405.htm)

**Slime proves valuable in developing method for counting salmon in Alaska**
"When we analyzed the environmental DNA sloughed into water from salmon tissues including mucus and skin cells, we got very accurate counts," said Taal Levi, an ecologist at Oregon State University and lead author on the study. "This is a major first step for more informed salmon management decisions because it opens up the possibility to affordably monitor many more streams than the few that are currently monitored."


**Environmental Change Affects Tadpoles And Juvenile Frogs**
The environment we experience is important in shaping our behavior. This is even more true when you are a recently metamorphosed juvenile amphibian. Research done at Oregon State University examined how water levels experienced by tadpoles and soil moisture experienced by terrestrial juveniles impact movement behavior.

Animation: [https://beav.es/zcs](https://beav.es/zcs)

ELY Willamette River trip, Willamette River Initiative © Freshwaters Illustrated
SCHOLARSHIP RECIPIENTS 2018-19

UNDERGRADUATE SCHOLARSHIPS

Tobias Felbeck and Sasha Travaglio – Lindsay Ball
Fisheries and Wildlife Scholarship

Avery Lutthans – Carl and Lenora Bond Scholarship

Morgan Dally and Caleb Centanni – Mike and Kay Brown Scholarship. Awarded jointly between FW and College of Forestry

Anthony Ciocco, Katherine Herold – Daniels, Rachael Conard, Allison Peel, and Savannah Fincher – Izma Bailey Conser Scholarship

Garret Arrieta, Kelsey Nick Griffith, Acacia Pepper, and Katie Rose – Davis FW Scholarship

Claire Clark, and Catherine Boucher – Roland E. Dimick Memorial Scholarship

Andrea Fuchs, Anna Le, and Gabriel Sandoval – Fritzell Diversity Scholarship

Andrew Chione and Mackenzie Weber – Jim and Bonnie Hall Fisheries and Wildlife Diversity Scholarship

Sarah Busmire and Sarah Wright – Howard Horton Fisheries Management Scholarship

Elizabeth Slick – Lee Wallace Kuhn Memorial Scholarship

Elizabeth Duhn and Vanessa Ramirez – Bob and Phyllis Mace Watchable Wildlife Scholarship

Olyvia Childress, Jamie Harrison, and Rayanne Mock – Mentors Scholarship

Michael Nelson and Diana Wilbert – William B. and Jean Morse Scholarship

Vanessa Ramirez – Bill Schaffer Memorial Scholarship, awarded by the Multnomah Anglers and Hunters Club

Katelyn Spencer – Chan Schenck Conservation Scholarship, awarded by the Multnomah Anglers and Hunters Club

Andrew Chione – Milt Guymon Memorial Scholarship, awarded by the Multnomah Anglers and Hunters Club

Acacia Pepper and Gabriel Sandoval – William Bogh Memorial Scholarship, awarded by the Multnomah Anglers and Hunters Club

Lindsay Yoder – Tamal Reece Memorial Scholarship

Andrew Chione and Sage Fox – Rogue Flyfishers Club Scholarship

Andrew Chione – Southern Oregon Flyfishers Club Scholarship

Olyvia Childress and Emma Westlind – Santiam Fish and Game Association Scholarship

Nolan Clements and Zachary Kendall – Vivian Schriver Thompson Scholarship

Victoria Kee – William Q. Wick Memorial Scholarship

Andrew Chione and Sage Fox – Rogue Flyfishers Club Scholarship

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Michael Nelson and Diana Wilbert – William B. and Jean Morse Scholarship

Vanessa Ramirez – Bill Schaffer Memorial Scholarship, awarded by the Multnomah Anglers and Hunters Club
GRADUATE SCHOLARSHIPS

Brittany King – M. A. Ali Graduate Chair Award in Fisheries Biology

Samara Haver – Robert Anthony Graduate Scholarship in Population Ecology

Alexander Jensen – Neil Armantrout Graduate Fellowship

Juan Olivos Huneeus – David J. Ashkenas Memorial Fellowship

Selene Fregosi – Briggs Scholarship in Biogeography

Leila Giovannoni – Biomark and Donn Park Memorial Scholarship

Claire Rosemond – H. Richard Carlson Scholarship

Lauren Zatkos – Coombs-Simpson Memorial Fellowship

Cailin Mackenzie – Stan Gregory Stream Team Scholarship

Patrick Carilli – Hugo Krueger Graduate Research Award in Fish Physiology

Ryan Baumbusch, Jackie Delie, and Joel Ruprecht – David B. and Georgia Leupold Marshall Wildlife Graduate Scholarship

Dawn Barlow – Munson Wildlife Graduate Scholarship

Lisa Hildebrand – OSU Port Orford Science and Education Support Fund

Travis Neal – Santiam Fish and Game Association scholarship

Jennifer Nelson, Marie Tosa, Aimee Massey, and Brian Erickson – Thomas G. Scott Achievement Award

Victoria Quennessen – James Sedell Graduate Scholarship

Travis Neal – Charlie Taylor Memorial Fishin’ Friends Graduate Award

Eric Wade – Charles E. Warren Award for Ecology and Sustainable Societies

Stanley Piotrowski – Washington County Flyfishers Marty Day Scholarship

2019 Graduate Scholarship Recipients
SAVE THE DATE

It's our 85th departmental anniversary!

And the 10th anniversary of our Ecampus and distance learning programs!

JUNE 2020

Email amanda.polley@oregonstate.edu to be added to the informational mailing list so that you don't miss any details!
Thank you Donors!

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David Wagman
Thomas & Susan Walker
Glen & Joyce Ward
Daniel & Nancy Warren
Jay & Mary Ann Watson
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The Oregon Community Foundation
Washington County Fly Fishers
College of Agricultural Sciences Awards 2018-2019

Brian Sidlauskas – R.M. Wade Award for Excellence in Teaching/Registry of Distinguished Teachers
Susie Dunham – F.E. Price/Agricultural Research Foundation Award for Excellent in Student Advising and Counseling
Rachel Crowhurst – Agricultural Research Foundation Faculty Research Assistant Award

College of Agricultural Sciences Celebrating Excellence Awards

Evan Bredeweg – Savery Outstanding Doctoral Student Award
Christopher Cousins – Burlingham Undergraduate Student of Excellence Award
Scarlett Arbuckle – Advisor of the Year Award

AFS & TWS are going to Reno and so are we!

American Fisheries Society & The Wildlife Society are hosting a joint national meeting in Reno, NV. Registration details can be found at the conference website: https://afstws2019.org/

Oregon State Fisheries and Wildlife Friends & Alumni Social

Wednesday October 2, 2019
7:30 to 9:30 pm
Peppermill Resort Hotel, Reno, NV

Coming? Email us to let us know! fw.alumni@oregonstate.edu
FW News and Views has been a primary means of communicating with our valued alumni for decades. While we continue to expand our use of social media, we will continue the yearly newsletter, but under a different name.

Starting with our next edition, FW News and Views will be called “FW Generations”. We hope this new title and revised content will help us align with our general alumni mission to connect the past with the present and the future.

We’ve created a specific email address that alumni can use to communicate with the Department, fw.alumni@oregonstate.edu. We would love to hear from you, so please drop us a line with what’s going on in your career or share ideas for what you would like to see as content in FW Generations.

To get the (volley)ball rolling, below is a picture from our archives from the 1990 departmental picnic. Recognize anyone? Let us know using the email above!