NORTHWEST CLIMATE ADAPTATION SCIENCE CENTER

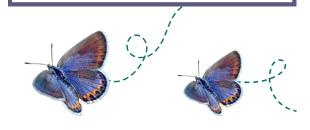
MEET OUR FELLOWS

NW CASC Research Fellowship & Faculty Fellowship Programs expand the community of

Northwest researchers equipped to effectively co-produce actionable science.

2024-25 Research Fellows

These graduate students and postdocs across the NW CASC Consortium will conduct one-year climate adaptation projects in collaboration with regional natural resource managers, while receiving training in the practice of actionable science.





ALEX BENTLEY

Advisor | Andrés Holz, PSU

What are the Ecological
Mechanisms Behind
Conifer Decline in
Southwest Oregon?

<u>Can Lakes Serve as</u> Summertime Refugia





BROOKE BAIN-WHITE

WHITE
Advisor | Leo Bodensteiner, WWU





<u>JANE</u> <u>VAN</u> GUNST

Advisors | Clinton Epps & Rebecca Terry, OSU

Using Non-invasive Measures
of Stress and Microclimate
to Assess how Landscape and
Habitat Shape Refugia
for the American Pika





JEREMY BROOKS

Advisor | Lisa Eby, UM

Can We Promote More Resilient Stream Ecosystems by Managing Fires to Burn as Mosaics?





KATIE KEARNEY

Advisor | Catherine de Rivera, PSU

Assessing Western Sword
Fern Microhabitat for
Northern Red-Legged
Frogs: A Possible Refuge
in a Warming Climate





KELECHI IBEH

Advisor | Austin Himes, WSU

How do Forest Management
Strategies Shape the Future
of Ecosystem Services in the
Pacific Northwest Under
Climate Change?





MARCIA GARCIA

Advisor | Jennifer Ruesink, UW

Fish and Crustacean Response to Native and Non-native <u>Eelgrass</u>





MORGAN CALAHAN

Advisor | Stephanie Galla, BSU

Estimating Remaining
Diversity in Columbian
Sharp-Tailed Grouse
to Inform Next Steps
in Conservation





ZACHARY BENGTSSON

Advisor | Steven Roberts, UW

How do Environmental
Stressors and
Restoration Practices
Impact Genetic Variation
in Olympia Oysters?





2026 Faculty Fellows

These faculty across the NW CASC Consortium will collaborate with resource managers to co-produce translational products — like tools, databases, protocols or workshops — derived from recent research to make it readily accessible and useful to decision-makers, while receiving training in the practice of actionable science.



CLAIRE WILLING

University of Washington

<u>Can Post-fire Fungi Help</u> <u>Forests Recover After</u> <u>Stand-replacing Fire?</u>





<u>JAY</u> <u>CARLISLE</u>

Boise State University

What do they do Without their Namesake Tree? Mapping Suitable Habitat for Idaho's Pinyon Jays in a Pinyon-Sparse State





REBECCA HUTCHINSON

Oregon State University

How can Machine
Learning Tools and
Citizen Science Data
Support Oregon's State
Wildlife Action Plan?





SAM KASTNER

Western Washington University

How do Long Wave
Dynamics and
Temperature Variability
Affect Clam Gardens in
the Northwest?



How do we meet today's climate challenges?

By training a new kind of scientist.

