July 11-14, 2022,

Washington State University Tri-Cities Campus, Richland, WA

Speaker Biographies

Emily Jane Davis

Associate Professor and Interim Fire Program Director for Oregon State University. Focus areas: natural resources social science, environmental governance, collaboration, community organization and development, wildfire response, science delivery, and social learning. Current research includes: Co-Managing Risk or Parallel Play? Examining Connectivity Across Wildfire Risk Mitigation and Fire Response in the Intermountain West (funded by the Joint Fire Science Program), Capacity Assessment for the Regional Forest and Fire Capacity Program in California (funded by the Watershed Research and Training Center), and All Lands Peer Learning and Assistance (funded by the Rural Voices for Conservation Coalition).
https://directory.forestry.oregonstate.edu/people/davis-emily-jane

Dr. Sandra Haynes

Is the 7th Chancellor of Washington State University Tri-Cities and brings more than 20 years of successful, high-level administrative experience, stemming from leadership at both a doctoral-granting university with very high research activities (R1) and a regional comprehensive institution offering bachelor's and master's degrees. Dr. Haynes holds a faculty appointment as a professor in the Department of Psychology. As a first-generation student, she recognizes the transformative power of higher education and its ability to be a true equalizer for individuals, regardless of life circumstances.
https://s3.wp.wsu.edu/uploads/sites/1996/2022/06/Dr.-Sandra-Haynes-Bio.pdf

Jason Henderson

Senior Associate Dean in The College of Agriculture, and Director of Purdue Extension, Purdue University. Extension Publications Include: Agricultural Finance And Credit Update, The Wealth Effect In U.S (United States). Agriculture, When Do Farm Booms Become Bubbles?, Is The Current Farm Prosperity Sustainable? https://ag.purdue.edu/commercialag/home/team/jason-henderson/

Anand "Ani" Jayakaran

Associate Professor in the College of Agriculture, Human, and Natural Resource Sciences–Washington State University Extension. Ani's role is to provide extension and research needs throughout the state of Washington and involves disseminating strategies to manage water resources using Low Impact Development and improving current engineering designs with ecosystems-centric solutions for handling stormwater through applied research. Ani's areas of academic interest are green infrastructure, best management practices (BMP), watershed hydrology and fluvial geomorphology, specifically with respect to improving stormwater infrastructure in watersheds impacted by urbanization. https://labs.wsu.edu/jayakaran/

Kris Johnson

Professor in the Department of Animal Sciences at Washington State University. Focus research in Ruminants and Environmental Issues. The focus of our research is to examine the use of dietary energy in beef animals. This includes examination of the variation in maintenance energy expenditures and losses due to the fermentation occurring in the rumen. With up to 70% of total herd metabolizable energy intake going to maintenance functions, it is important to understand and examine the constituents of maintenance on a whole animal and cellular level and the relationship of these metabolic costs to animal productivity. Selection of adaptable cattle will reduce the cost of production. Current projects include an examination of energy expenditure at the whole animal, mitochondrial and gene level. https://ansci.wsu.edu/people/faculty/kris-johnson/

Tim Kohlhauff

Extension Urban Horticulture Coordinator, Washington State University Spokane County. He works with trees and has led the local Master Gardener volunteer program since 2012. He is an adjunct instructor at Spokane Community College where he has taught Arboriculture, Advanced Arboriculture, and Plant Problem Diagnosis classes. For 10 years, Tim was the arborist at the Spokane Country Club, now Kalispell Golf & Country Club. He has been an ISA-certified arborist since 2004. He was part of the WSU team that developed this online training.

Paul Lachapelle

Paul Lachapelle is Professor in the Department of Political Science at Montana State University, Bozeman. His teaching and research span many disciplines and practices including community climate change resiliency, diversity and inclusion, and social justice topics. His publications include the edited book, *Addressing Climate Change at the Community Level* (Routledge 2019) and *Community Capacity and Resilience in Latin America* (Routledge 2020), as well as journal articles on energy impacts in communities, democratic practice and local governance, and community visioning and leadership. He earned a Ph.D. (Forestry) at the University of Montana's College of Forestry and Conservation with a focus on natural resource policy and governance and serves as Editor of the Community Development Society Current Issues Book Series and member of the Board of Directors (and past-President 2016-2019) of the

International Association for Community Development.
https://www.montana.edu/plachapelle/

Paul Loikith

Associate Professor, Portland State University, Department of Geography, Ph.D. Atmospheric Science, Rutgers University, B.S. Meteorology, Rutgers University   Research Interests: Synoptic climatology, weather and climate extremes, climate change science.
https://sites.google.com/pdx.edu/portland-state-climate-science/people

Jennifer Marquis

Master Gardener Statewide Coordinator for Washington State University- Jennifer has been a WSU Master Gardener program leader for 14 years. She accepted the statewide coordinator position in May of 2019 after serving in a county role for 12 years. She has 20 years of experience working with non-profit organizations and volunteers to deliver on organizational mission. Her experience coupled with a BA in Non-Profit Management, a minor in environmental studies, and a MS in Management and Leadership, make her well skilled as the leader of the world's first Master Gardener Program. She is known for her strategic thinking and for her ability to engage with diverse teams to create trusting and durable community partnerships that lead to mission and vision success. She is a transformational leader who seeks to elevate the WSU Extension Master Gardener program by engaging university-trained volunteers to empower and sustain diverse communities with relevant, unbiased, research-based horticulture and environmental stewardship education.
https://mastergardener.wsu.edu/

Laurel Moulton

Master Gardener Coordinator, Washington State University Clallam County- Laurel has been a Master Gardener since 2006, and coordinator of the Clallam County Program for 5 years, between 2013 and 2014, and then from 2019 to the present. She received a Bachelor of Arts in environmental studies from Mount Holyoke College, and a master's degree in horticulture systems with a minor in entomology from Oregon State University in 2011. Along the way, she has studied the ecology of pitcher plants in North American bogs, participated in the restoration and conservation of native Pacific Northwest prairies and rivers, and worked on farms and in gardens. Her love of nature, gardening, cool weather, and social justice has inspired her to use and teach in fighting climate change in all aspects of her life.

Dr. Eric Norland

 Is the National Science Liaison for NIFA's Environmental and Natural Resources Science portfolio. He is responsible for creating partnerships and connections with agencies and stakeholders focused on environmental systems, forests, water, air, range and grasslands, and climate change. Dr. Norland focuses on the sustainable management of the Nation's working lands (agricultural, range, and forest lands) and their resilience to changing climate conditions. He is the NIFA liaison to the U.S. Global Change Research Program, National Association of University Forest Resources Programs, National Science Foundation's programs in environmental systems, National Association of Soil and Water Conservation Districts, and

several Hatch-funded multi-state committees. Dr. Norland is a Certified Forester with the Society of American Foresters (SAF), an elected Fellow of SAF, and past Chair of the National Capital SAF. Prior to his appointment as a NIFA National Science Liaison he provided leadership for the Renewable Resources Extension Act program and co-leadership for the McIntire-Stennis Cooperative Forestry Research program. He has a master's degree in Natural Resources and a Ph.D. in Environmental Biology from Ohio State University. Dr. Norland will represent NIFA primarily in the areas of natural resources and the environment.
https://www.nifa.usda.gov/eric-norland

Mike Peronto

Master Gardener, Washington State University Pierce County. Mike Peronto became a Master Gardener in 2017 after retiring from a corporate career that began with an MBA, major in Marketing from the University of Washington and included employment stops at IBM, Egghead and Adobe before becoming first the COO then CEO for WildTangent. Mike completed his Master Gardener training in King County and served two years before moving to Gig Harbor and transferring to Pierce County Master Gardeners in 2019.

Anne Pisor

Assistant Professor at Washington State University. My research program focuses on the evolution of long-distance social relationships in humans and what predicts when these relationships form in the 21st century. I am especially interested in the applied extensions of my work, like how long-distance relationships affect resource management and help people cope with climate change. You can watch a talk of mine for a taste of my approach.
https://annepisor.wixsite.com/home/anne

Kirti Rajagopalan

Assistant Professor Biological Systems Engineering at Washington State University. Research interests include Modeling human and regulatory influence on natural systems, Food-Water nexus and coupled crop-hydrology modeling, Data assimilation/integration of satellite-imagery inputs into models, Weather/climate risk assessment and management in crop production, Decision support for regional-scale water and agricultural management, Water markets and decision making. https://labs.wsu.edu/anhs/

Crystal Raymond PH.D.

Climate Adaptation Specialist for University of Washington. Crystal's professional mission is to connect decision-makers and resource managers to the science and information they need to effectively consider the impacts of climate change in their work.
https://cig.uw.edu/about/people/crystal-raymond/

Sarah Roley

Assistant Professor at Washington State University Tri-Cities. With focus areas of Aquatic ecology, nitrogen and phosphorus cycling, water quality in agricultural watershed and linking ecosystem processes and microbial communities. https://environment.wsu.edu/sarah-roley/

Clea Rome

Director Washington State University Clallam County Extension. Clea is both an Associate Professor in the Community and Economic Development unit of the College of Agricultural, Human, and Natural Resource Sciences, as well as a department head of the Clallam County Extension office. https://extension.wsu.edu/clallam/profile/clea-rome/

Heidi Roop

Heidi's professional mission is to improve the reach and impact of climate science to engage, motivate and catalyze action around climate change. Heidi combines climate science and science communication to connect climate change information to decision-makers and communities across the Midwest, U.S., and abroad. By producing actionable, relevant climate science, Heidi helps diverse stakeholders prepare for a changing climate. Heidi aspires to be a scientist who changes how the world engages in science, with scientists. https://swac.umn.edu/people/heidi-roop

Maria Royall

Maria received her Bachelor's in Kinesiology from Washington State University (WSU) in 2014 and has 10 years of experience supporting employee wellbeing in various environments. She is dedicated to helping improve employee wellbeing, motivated by the ever-changing nature of the matter, and driven by a lifelong love for WSU.

Jonalee Squeochs

The Yakama Nation Agriculture Development Production Coordinator. She has been working with the newly acquired Yakama Nation Farm, a 1500 acre produce farm with a focus on the industrial help project. She is also contributing to the Yakama Nation's Climate Change Planning effort, working along with other Yakama Nation community members and staff, as well as federal, state, and other local partners. She is a member of the Yakama Nation. https://www.linkedin.com/company/yakama-nation-farms

Dr. Rishi Sugla

Frontline Community Climate Resilience Scientist for the University of Washington Climate Impacts Group- Rishi's professional mission is to build justice-centered climate adaptation plans co-created with frontline communities. Rishi has a deep interest in working at the intersection of science, storytelling, social justice, and technology. https://cig.uw.edu/about/people/rishi-sugla/

Michael Wallace

Is an Associate Professor who has been working with Washington State University and local Extension communities for 20 years. He is a Regional Specialist overseeing youth program leadership development in the northwest corner of the state. Michael was part of the Statewide leadership team that coordinated the digital study circles "A Vocabulary for Racism" in 2020. Michael's current areas of expertise are experiential education, motivational theory, adolescent development and community leadership development. His current research interest is related to the field of collective efficacy. https://extension.wsu.edu/whatcom/contact-us/

Jenifer Wightman

Senior Extension Associate, Cornell University. For the last 20 years, she has worked on greenhouse gas mitigation strategies for agriculture, forestry, energy, and waste systems. Most recently she has been working with New York State Department of Environmental Conservation to establish an inventory, mitigation, and future scenarios for agriculture to meet NYS mandate to reduce greenhouse gas by 40% by 2030 and 85% by 2050. https://cals.cornell.edu/jenifer-wightman