**Faculty and Staff Institutional Sustainability Research Inventory:**

**Environmental Studies**

Aaron Bobrow-Strain, Associate Professor of Politics:

Major Sustainability Research Topics: Human-sustainable cattle ranch, race and violence in the Mexican coffee industry, History of U.S. Food movement. Ethnographic research U.S. Mexico Border.

Phil Bric, Miles C. Moore Professor of Political Science and Director of Environmental Studies

Major Research Topics: Climate Change and Natural Resources, Climate Adaptation and Resilience, Public Lands Policy.

Emily Jones, Assistant Professor of German Studies & Environmental Studies

Major Sustainability Research Topics: Role of environment in literature, Gender and Environment.

Amy Molitor, Senior Adj. Assistant Professor of Environmental Studies and Sports Studies

Major Sustainability Research Topics: Backcountry visitors’ attitudes towards grizzly bears , estimated trail use and explored backcountry visitors’ travel patterns, Social assessment of the Interior Columbia Basin Ecosystem Management Project, human dimensions of wildlife management, and sustainable tourism.

Tim Parker, Associate Professor of Biology

 Major Sustainability Research: Avian environmental interaction and biological systems

Kathleen Shea, Assistant Professor of Classics & Environmental Humanities

 Major Research Topics: Environmental and topographical approaches to Roman Poetry

Don Snow, Chair and Senior Lecturer of Environmental Humanities/General Studies

Major Sustainability Research Topics: Environmental writing, literature of nature, natural resource policy of the American West.

**Anthropology:**

Suzanne Morrissey, Department Chair and Associate Professor

 Major Sustainability Research Topics: Urban Studies

Jason Pribilsky, Associate Professor

Major Sustainability Research Topics: migration and transnationalism; indigenous identity and activism.

**Art:**

Michelle Acuff, Associate Professor of Art

Major Sustainability Research Topics: Images displaying our connection with the natural world and the precariousness of the environment and social realities we face.

**Art History and Visual Culture Studies:**

Matthew Reynolds, Department Chair and Associate Professor of Art History and Visual Culture Studies

Major Sustainability Research Topics: contemporary art, experimental film and video, public art, architecture and urban form with a particular emphasis on the role of class, race and gender in shaping the built environment.

Lisa Uddin, Assistant Professor of Art History and Visual Culture Studies

Major Sustainability Research Topics: U.S visual culture and the built environment at the human/nonhuman interface.

Recent Publications: Zoo Renewal: White Flight and the Animal Ghetto

**Asian and Middle Eastern Studies:**

Donghui He, Associate Professor of Foreign Languages and Literatures

Major Sustainability Research Topics: Modern Contemporary Chinese culture eco-criticism, natural landscapes in Chinese culture.

**Biology:**

Susanne Altermann, Lecturer

 Major Sustainability Research: symbioses, especially in lichens and in plant galls.

Arielle Cooley, Assistant Professor

 Major Sustainability Research: genetic basis of evolution of diversity, particularly in Mimulus.

Heidi E.M. Dobson, Professor of Biology, Director of Anderson Herbarium (WCW), and Director of Whitman teaching greenhouse

 Major Sustainability Research: bee-flower ecology, pollen biology, pollination.

Nancy Forsthoefel, Research Specialist

 Major Sustainability Research: Plant molecular biology, developmental genetics

Kendra Golden, Associate Professor

 Major Sustainability Research: Various aspects of microbiology, biofilms

Delbert Hutchison, Associate Professor

 Major Sustainability Research: phylogeography and population genetics.

Kate Jackson, Department Chair and Associate Professor

 Major Sustainability Research: African herpetology

C. Susan Weiler, Senior Research Scientist

Major Sustainability Research: Earth system sciences and initiatives to foster interdisciplinary research and collegial networking related to climate change impacts.

Paul Yancey, Professor and Carl E. Peterson Endowed Chair of Sciences

 Major Sustainability Research: Coral osmotic balance and cryopreservation, bioethics

**Chemistry:**

Allison Calhoun, Associate Professor (Physical Chemistry)

Major Sustainability Research: Attributable research would be related to her work with polyolefins in relation to polymeric films.

Frank Dunnivant, Professor Chemical Education, Environmental Chemistry and Instrumental Analysis

 Major Sustainability Research: Pollutant Hydrology in water systems.

Machelle Hartman, Lecturer General Chemistry

Major Sustainability Research: Environmental education , networking and development of sustainability in nonprofit organizations.

Tim Machonkin, Associate Professor Inorganic and Bioinorganic Chemistry

Major Sustainability Research: mutagenesis of metal-containing enzymes with possible applications in the remediation of pollutants.

Dalia Rokhsana, Assistant Professor Computational and Bioinorganic Chemistry

Major Sustainability Research: Computational simulation to understand structure/function relationship of a bacterial enzyme, carbon monoxide dehydrogenase that removes toxic carbon monoxide from the environment while splitting water molecules to produce protons and electrons, and could be used to generate hydrogen as an alternative energy source.

**Computer Science**

Stacy Edmondson, Assistant Professor of Mathematics

 Major Sustainability Research: Environmental Statistics

**Economics:**

Jan Crouter, Chair and Associate Professor of Economics

 Major Sustainability Research: Western water policy, economics, and history

Denise Hazlett, Professor of Economics

Major Sustainability Research: Global Trade and CO2 trade permits.

**Environmental Studies:**

Eunice Blavascunas, Assistant Professor of Anthropology and Environmental Studies

 Major Sustainability Research: Poland Forestry

**Geology:**

Nick Bader, Assistant Professor and Department Chair

Major Sustainability Research: Soil and Hydrology, Global Carbon Cycle, Quaternary climate change

Bryn Kimball, Visisting Assistant Professor Mineralogy and Environmental Studies

Major Sustainability Research: Trace metal mobility and secondary minerals, contamination issues with mining

Kevin R. Pogue,

 Major Sustainability Research: Terroir, climate and soil chemistry of Columbia Basin

Bob Carson, Phillips Professor of Geology and Environmental Studies Ret.

 Major Sustainability Research: Glacial Geology, Climate Change, and Water Resources

**German Studies:**

Susan Babilon, Senior Adjunct Professor of Foreign Languages and Literatures

 Major Sustainability Research: Nature & Environmentalism in German Culture

**History:**

Jakobina K Arch, Assistant Professor of History

Major Sustainability Research Topics: Marine environmental history, History of Science, Animal History (whales)

**Politics:**

Shampa Biswas, Paul Garrett Professor of Political Science and Politics Department Chair

Major Sustainability Research Topics: International politics and globalization, Post-colonial nuclear policy

**Sociology:**

Alissa Cordner, Assistant Professor of Sociology

Major Sustainability Research Topics: Environmental Sociology, Environmental Health and Justice

Alvaro Santana-Acuna, Assistant Professor of Sociology

 Major Sustainability Research Topics: Mass Tourism and Environmental effects.

**Staff:**

Brandon Bishop, Campus Sustainability Coordinator

Major Sustainability Research: Higher Education as a model for municipal sustainability, Economics of Emissions modeling in Higher Education, Sustainability Benchmarking, Environmental Policy.