

Faculty Research Interests

Geoscience Department

If you are interested in starting your applied undergraduate research project and kick starting your geoscience career, please contact one of us below:



**Chad Pritchard, Associate Professor,
Department Chair**

Academic Information:

BS, Portland State University
MS, Humboldt State University
PhD, Washington State University

Research Interests:

Local Geology
Structural Geology
Hydrogeology
Drone Mapping



**Carmen Nezat, Professor,
Environmental Science Program Director**

Academic Information:

BS, University of Southwestern Louisiana
MS, University of Alabama
PhD, University of Michigan

Research Interests:

Water and Soil Geochemistry, Biogeochemistry,
Mineral Dissolution,
Environmental Geology



**Stacy Warren, GIS Director,
Professor**

Academic Information:

BA, University of Delaware
MA, Clark University
PhD, University of British Columbia

Research Interests:

Critical GIS
GIS Programming and Design
Cultural Geography
Disney Studies



Brian Buchanan, Assistant Professor

Academic Information:

MA, American University
PBACC, Pennsylvania State University
PhD, Durham University

Research Interests:

Historic Archaeology
Landscape Archaeology
Cultural Resource Management
GIS
Computational Archaeology
British Archaeology



**Erin Dorothea Dascher, Assistant
Professor**

Academic Information:

BS, Mercyhurst University
MS, Texas State University
PhD, Texas State University

Research Interests:

River connectivity
Freshwater mussel conservation
Water resources
Human-environment interactions



**Nigel Davies, Scientific Instructional
Technician**

Academic Information:

BS, Washington University, St. Louis
MS, Western Washington University

Research Interests:

Geological Mapping
Glacial Geology
Climate Change

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Sharen Keattch, Senior Lecturer

Academic Information:

BS University of Leicester, England
MS Kent State University
PDDSE University of Nevada, Las Vegas

Research Interests:

Quaternary Geomorphology



Richard Orndorff, Professor

Academic Information:

BS, Virginia Polytechnic Institute and State University
MS, Ohio State University
PhD, Kent State University

Research Interests:

Geotechnical Engineering
Engineering Geology
Earth Surface Processes



Lauren Stachowiak, Assistant Professor

Academic Information:

BS, University of Wisconsin-Whitewater
MES, University of Pennsylvania
PhD, The University of Tennessee

Research Interests:

Dendrochronology
GIS
Wildfires
Anthropogenic climate change



Jennifer Thomson, Professor

Academic Information:

BS, University of New Hampshire
MS, University of Maine, Orono
PhD, University of Massachusetts

Research Interests:

Mineralogy
Igneous and Metamorphic Petrology
Volcanology



Stephen Tsikalas, Assistant Professor

Academic Information:

BA, University of Pittsburgh at Johnstown
MA, Indiana University of Pennsylvania
PhD, Texas State University-San Marcos

Research Interests:

Weather and Climate
Zoogeomorphology
Natural Disasters



Lindsay MacKenzie, Assistant Professor

Academic Information:

BSc, Purdue University
MSc, University of Alberta
PhD, University of Montana

Research Interests:

Sedimentology
Paleontology
Taphonomy