

**Amanda Rose**

Address: c/o SOU Ronald E. McNair Post-Baccalaureate Achievement Program

1250 Siskiyou Boulevard

Ashland, OR 97520

Email: [rosea@sou.edu](mailto:rosea@sou.edu)

Website: <https://inside.sou.edu/mcnair/scholars/amandarose.html>

**Education**

Southern Oregon University, Ashland, OR	September 2020 –Present
Major: Environmental Science and Policy	
Certificate: Native American Studies	
Minor: Outdoor Adventure Leadership	
Faculty Mentor: Dr. Jamie Trammell, Ph.D.	
Anticipating graduating <i>magna cum laude</i> in December 2023	
Rogue Community College, Medford, OR	March 2019 –August 2020
Major: Outdoor Adventure Leadership	
Certificate: Native American Studies	
Rogue Community College, Medford, OR	September 2015 – June 2016
Basic Health Care Certificate: Community Health Worker	
University of New Mexico, Taos, NM	March 2011 –August 2011
Associate of Arts in Liberal Arts	
Central Piedmont Community College, Charlotte, NC	August 2005 –December 2005
Pre-Nursing	
Carolinas College of Health Sciences	August 2004 –December 2004
Pre-Nursing	
Franklin Pierce College, Rindge, NH	August 2000 –December 2000
Major: Undeclared	

**Academic/Research Interests**

Earth Systems  
Social-ecological Systems  
Critical Geography  
Political Ecology  
Natural History  
Environmental Policy  
Biomimicry for Sustainability  
Global Sustainability

### **Course Presentations**

“Earthships”. Sustainability and Natural Resources (ES 423). January 2023. Presentation on a sustainable housing concept centered on reducing unsustainable energy use, reusing materials for building, and a recycled water system. Literature review.

“Hyperbaria”. Environmental Physiology (OAL 470). December 2022. Presentation on the human physiological response to high pressure environments. Literature research.

“The Owl Sisters”. Environmental Geology (ES 360). October 2022. Presentation on the Owl Sisters geological formation located along the Columbia River just south of Wenatchee, WA. Basic research.

“NAGPRA and Moving Beyond Repatriation to Rematriation”. Indigenous Research Methodologies (NAS 410). June 2022. Presentation on centering Indigenous laws and protocols during the process of return. Literature review.

“Hydrogeomorphology of the Rogue River”. Rogue River Ecology (ES 408). May 2022. Presentation on the Rogue River’s dynamic intersections of geological, hydrological, and ecological systems, all interdependent on one another through space and time. Basic research.

“Climate Adaptation Plan for Salem, OR”. Climatology (ES 482). March 2022. Presentation on proposed climate adaptation plan for Salem, OR, including geographic overview, past and present climate, climate projections, vulnerabilities to climate change and solutions. Utilization of climate data and literature review.

“Lesson on Snow Science”. Winter Ecology (ES 408). February 2022. Field presentation on different types of snow, how they form and respond to environmental interactions.

“What are the Impacts of Vegetation on Urban Microclimates?”. Intro to Ecology (BI 340). December 2021. Presentation on how the ecological mechanisms of plants in green building aids in cooling urban microclimates. Literature Review.

“Sustainable Development IS Compatible with Human Welfare”. Environmental Policy and Impact Analysis (ES 386). October 2021. Presentation debating how global goals and initiatives for sustainable development are necessary components of efforts to stop and reverse environmental degradation. Literature review.

“The Shasta Takelma Learning Garden”. Practicum (NAS 309). May 2021. Presentation to SOU’s Environmental Affairs Committee for a request to fund a schematic design for a Indigenous-led “living and learning garden” project grounded in reciprocal relationships with the Indigenous Gardens Network. Field studies, literature review, Indigenous research methodologies.

“Black Cohosh”. Native American Traditional Ecological Knowledge (HON 319). April 2021. Presentation of Traditional Ecological Knowledge ethnobotanical research on black cohosh including names, geographical and ecocultural location, harvesting, and uses. Literature review of ethnobotanical sources.

### **Course Presentations (continued)**

“Heroes of Outdoor Leadership”. Foundations in Outdoor Leadership (OAL 250). February 2021. Presentation on my outdoor leadership hero, focusing on the leadership of The Peace Pilgrim, Sacagawea, and Harriet Tubman. Basic research.

### **Research Experience**

“An Inquiry into Collaborative Ecosystem Restoration with Tribal Partners”. November-December 2022. Literature review. Under the guidance of Dr. Gutrich, ES&P. Project proposal for Senior Capstone on a critical review of the emerging global framework for environmental policy and initiatives to restore humans’ reciprocal relationships to place by incorporating ITEK into ecological restoration, asking: ‘what does the application of this framework look like, especially in local projects?’. Research Proposal.

“An Applied Camas Restoration Project Within the Place-based Politics of Indigenous and non-Indigenous Collaboration”. April-December 2022. Literature review. Under the guidance of Dr. Gutrich, ES&P. Project proposal for Senior Capstone on supporting Tribally-led local ecocultural restoration of Camas and contributing to the local and the larger body of knowledge, shaping what it means to center Indigenous Leadership in restoration projects by incorporating ITEK without contributing more to settler ecologies. Research Report, PowerPoint Presentation, ArcGIS Story Map.

“Mapping Latgawa Creek”. October-December 2022. Basic research. Under the guidance of Dr. Werner, ES&P. Research on the natural history of Latgawa Creek in Jackson County, OR. ArcGIS Story Map.

“Native Plants on SOU’s Campus”. April-June 2022. Inventory and monitoring field research. Under the guidance of Dr. Mager, ES&P. Surveying populations of native plants on the SOU campus. Research Report and PowerPoint Presentation.

“Multispecies Collaboration for Ecosystem Resilience”. Literature review. January-March 2022. Under the guidance of Dr. Mager, ES&P. Research on collaborative strategies in multispecies partnerships between humans and beavers on building ecological resilience. Mapped bibliography, Research Paper, and PowerPoint Presentation.

“Towards Complex Identities Collaborating to Address the Climate Crisis”. Literature review. October-December 2021. Under the guidance of Dr. McGuffin, ES&P. Research on how people of different political identities can collaboratively mitigate climate change and loss of biodiversity. Research Paper.

“Duckweeds Can Help Save Humanity”. Laboratory experiment and literature review. October-December 2021. Under the guidance of Dr. Mager, ES&P. Research to understand how alterations in solar radiation from wildfire smoke-cover impacts the growth of plants by testing how variations in light intensity affects the growth rate of *Lemna minor*. Research Paper, Lab Report, and PowerPoint Presentation.

**Research Experience (continued)**

“The Three Sisters: Relationships in Sustainability”. Literature review, community research, and field study. March-June 2021. Under the guidance of Dr. Smith, ES&P. Research on the feasibility and process of starting a Three Sisters traditional planting garden at the Farm at SOU. Project report and a Three Sisters Garden producing over 200 ears of sweet corn and 200 winter squash for the Native American Studies Program and community. Research Report.

“Plants and Peoples Kinship Project”. Field research and literature review. March-June 2021. Under the guidance of Dr. Colley, NAS. Term-long research on a local ecotone, including field notes with maps and species identifications, reflections, cultural history, and environmental relationships. Research Portfolio and ArcGIS story map.

“Water is Life: Wars, Dams, Salmon, and Indigeneity”. December 2020. Literature review. Under the guidance of Dr. White Eyes, NAS. A three-part research weaving together narratives on the “Rogue Indian Wars,” the Klamath River Dam and removal initiatives, and annual canoe Journeys. Research Paper.

**Honors and Awards**

SOU Ronald E. McNair Post-Baccalaureate Achievement Program	January 2023 –Present
Outstanding Junior of Environmental Science and Policy	June 2022
SOU President’s List	December 2020 –Present

**Grants and Scholarships**

Freeport-McMoran Scholarship, \$400/3 Terms	September 2021 –June 2021
Ford Family Foundation Scholarship, 80% of COA (avg \$30k/yr)	September 2020 –Present

**Internships**

Lomakatsi Restoration Project Tribal Partnerships Program Internship Ashland, OR	September 2022 –Present
---	-------------------------

**Undergraduate Teaching Assistantships**

Restoration Ecology, Dr. Werner, Ph.D.	Winter 2023
EcoAdventure at Mt. Shasta, Prof. Eldridge	Winter 2023
Environmental Field Methods, Dr. Mager, Ph.D.	Spring 2023
Grasslands Restoration, Dr. Werner, PH.D.	Spring 2023
Rogue River Ecology, Prof. Eldridge	Spring 2023

**Related Work Experience**

Tribal Partnerships Program Inter, Lomakatsi Restoration Project, Ashland, OR	September 2022 –Present
Farmer, The Farm @ SOU, Ashland, OR	September 2020 –Present

**Other Work Experience**

MYFAM Coordinator, The Rose Circle Mentoring Network, Ashland, OR	March 2014 –December 2016
Community Doula, Modern Traditions Doula, Ashland, OR	November 2013 –March 2020

**Community/Volunteer Service**

Core Team Leader, Shasta Takelma Learning Garden	2021 – Present
General Member, Racial Equity Coalition	2018 – 2020
Mentor, Rose Circle Mentoring Network	2014 – 2017

**Leadership Experiences**

Core Team Leader, Shasta Takelma Learning Garden	2021 – Present
Co-founder, Secretary, Southern Oregon Doulas	2015 – 2018
Secretary, President, Southern Oregon Birth Connections	2015 – 2018

**Memberships and Affiliations**

Society for Ecological Restoration	February 2023 – Present
American Association of Geographers	February 2023 – Present
Congress for the New Urbanism	February 2023 – Present

**Professional Training and/or Workshops Attended**

Postpartum Doula Training, Doulas of North America (DONA)	March 2015
Birth Doula Training, Doulas of North America (DONA)	January 2016

**Specialized Certifications (and Licensure(s))**

	<b>Received</b>	<b>Expiration</b>
Wilderness First Responder	March 2023	current
Covid Contact Tracer	April 2020	N/A
Wilderness First Aid	March 2020	March 2022
Elder Caregiver, IPCed Core Care	June 2019	N/A
Midwife Assistant	June 2018	N/A
Dancing for Birth Instructor	October 2016	October 2020
Oregon Food Handlers	November 2016	current
Basic First Aid and CPR	November 2016	November 2020
Oregon Traditional Health Worker	November 2016	current
Postpartum Certified Doula	June 2015	March 2020
Certified Doula (Birth)	March 2016	March 2020

**Specialized Knowledge**

ArcGIS  
 Outdoor leadership skills including navigation and backcountry first aid  
 Microsoft office suite, Google products  
 SPSS  
 Website design and management  
 Information management  
 Design and planning  
 Research and investigation  
 Human relations and interpersonal  
 Critical thinking  
 Management and administration  
 Conflict management, de-escalation, trauma informed care, Restorative Justice

(Updated: 04-10-2023)