

Tal Shutkin
Curriculum Vitae
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Contact

Department of Geography
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Education

2022 Master of Arts, Geography. The Ohio State University
2019 Bachelor of Science with Honors Research Distinction (summa cum laude), Environment
 and Natural Resources. The Ohio State University

Professional Positions

2019-2020 IGAP Environmental Assistant | Yukon River Inter-Tribal Watershed Council
 • Environmental Protection Agency grant for environmental monitoring,
 solid waste management, and tribal sustainability programming
2019 Science Intern | Yukon River Inter-Tribal Watershed Council
2018-2019 Undergraduate Research Assistant | Byrd Polar and Climate Research Center

Research Interests

I study climate-driven changes to geomorphology and hydrology, aiming to align scientific approaches with experiences of climate change-impacted communities. My thesis research applies modelling techniques to investigate tropical glacier evolution in the past and future and explore the relationship between glacier change and water quality in the Peruvian Andes.

Fellowships, Research Grants, and Awards Received

[* (**) marks 2 (4) year recurring scholarships]

2020 **University Fellowship** | The Ohio State University Graduate School
2019 Undergraduate Research Paper Competition winner | University of Kentucky Dimensions
 of Political Ecology Working Group
2019 Honors Scholarship | The Ohio State University School of Environment and Natural
 Resources
2019 Undergraduate Research Scholarship | The Ohio State University College of Arts and
 Sciences
2018 International Research Grant | The Ohio State University College of Arts and Sciences
2018 Academic Enrichment Grant | The Ohio State University Office of International Affairs
2017 **Udall Scholarship** | The Udall Foundation
2017* Kathryn Weisner Scholarship | The Ohio State University School of Environment and
 Natural Resources
2015** Maximus Scholarship | The Ohio State University

Fellowships and Research Grants in Progress

2021 Water Management Association of Ohio Graduate Student Scholarship

Research Papers and Posters* Presented at Professional Conferences

- 2019* Denman Undergraduate Student Research Forum | The Ohio State University
2019 Dimensions of Political Ecology Undergraduate Research Presentation | University of Kentucky

Field Research Experiences

- 2021 Research Collaborator | *A mixed methods assessment of hydroclimatic changes in alpine glacier and lake systems of the Beartooth Plateau, MT, USA* (Funding applications in progress)
2019-2020 Research Assistant | *Indigenous Observation Network* | Edda Mutter (National Science Foundation)
2020 Research Assistant | *Enhancing Tribal Resilience through Community-based Monitoring and Planning* | Maryann Fidel (Bureau of Indian Affairs Tribal Resilience)
2020 Research Assistant | *Traditional Knowledge of the Central Yukon Basin* | Maryann Fidel (National Science Foundation)
2018-2019 Undergraduate Researcher | *Indigenous Politics of Collaborative Conservation at the Muskwa-Kechika Management Area, British Columbia* | Undergraduate thesis advised by Dr. Anna Willow

Certifications and Trainings

- 2020 Rural Alaska Landfill Administrator course completion
2020 Rural Alaska Landfill Operator Training completion
2019 FAA Par 107 UAV pilot's license
2019 Alaska Qualified Environmental Sampler training
2019 Wilderness First Aid certification, Wilderness Medical Associates
2018 Six Day Mountaineering and Glacier Safety training in North Cascades, WA, Alpine Ascents International
2017 Native Nation Building course completion, University of Arizona Native Nations Institute through the Udall Foundation

Data Management Skills

Geographic Information Systems (ArcGIS, QGIS)
Python

Service to the Ohio State University Department of Geography

- 2020-2021 Graduate Student Anti-Racism Committee member

Professional Organization Affiliations

American Association of Geographers