

EDUCATION

- PhD. Geosciences (Geography Concentration)** Conferred: December 2017
Texas Tech University
Dissertation: *Human Interactions with the Aquatic Ecosystems of the Los Angeles River: The Creation of the LA River as a Human Landscape and the Effect of Exotic Fish on Human Activity*
- Graduate Certificate in Geographic Information Science and Technology** Completed: December 2015
Texas Tech University
- M.S. Geography** Conferred: May 2014
Texas Tech University
Thesis: *Spatial Environmental Inequality in Lubbock, Texas: Applications of GIS and Spatial Analysis in Identifying and Quantifying Environmental Justice*
- B.S. Environmental Science (Conservation Biology Minor)** Conferred: August 2011
University of California Los Angeles
Capstone Project: *Reducing Pollution Loading in Storm Runoff Through Best Management Practices Using GIS Simulations and Spatial Modeling*
- A.S. Biology and Biochemistry** Conferred: May 2009
Marymount California University

ACADEMIC POSITIONS

- Assistant Research Professor of Geography** 2024 – Present
Department of History
Environmental Science (EVS) Affiliate Graduate Faculty
Arkansas State University – Jonesboro, AR
*Current full-time appointment
- Instructor of Geography** 2023 – 2024
Department of History
Arkansas State University – Jonesboro, AR
- Adjunct Assistant Professor – Affiliate Faculty** 2023 – 2024
Department of Geosciences
Texas Tech University – Lubbock, TX
- Adjunct Faculty – Geography** 2023
Department of Geology and Geography
Pima Community College – Tucson, AZ
- Instructor of Geographic Information Systems, Program Director and Advisor** 2019 – 2023
Tohono O’odham Community College - Sells, AZ

Jason M. Post, PhD, FRGS

Department of History - Arkansas State University
HSS 4027 – jpost@astate.edu

ACADEMIC POSITIONS CONT'D.

Adjunct Professor of Geography Heilongjiang Institute of Technology – College of International Education (Harbin, China) - Online	2020 – 2021
Adjunct Professor of Environmental Stewardship Brigham Young University Idaho - Online	2019 – 2021
Assistant Professor of Geographic Information Technology, Program Director and Advisor Navajo Technical University - Crownpoint, NM	2018 – 2019
Lecturer of Spatial Sciences University of Southern California - Los Angeles, CA	2016 – 2017

WRITTEN WORKS AND PUBLICATIONS

Published

Post, J.M.*, Bailey, E.S., and R.J. Post. 2025. Trematodes Detected in an Exotic Population of Red Swamp Crayfish (*Procambarus clarkii*) from an Urban Storm Drain. *Cities and the Environment* 18:3.

Post, J.M.* 2023. From the Meridian: At What Scale Do Historically Excluded Geographers Become Invisible? *ESRI ArcNews* Fall 2023 45:4.

Drill, S., Post, J.M.*, Aguilar, A., and R. Dagit. 2023. Ichthyofauna of the Los Angeles River. *Cities and the Environment* 16:1.

Post, J.M.*, R.J. Reasch and E.S. Bailey. 2022. Detection of Trematodes from the Host Exotic Aquatic Snail *Melanooides tuberculata* in an Urban Stormwater System. *Zoonotic Diseases* 2:4.

Drill, S., and J.M. Post*. 2022. Urban Aquatic Ecology, Fishing and Community Connection on The Los Angeles River – Making it Just Blue Enough. In Yang, Y. and A. Taufen (eds.) *Routledge Handbook for Sustainable Cities and Landscapes in the Pacific Rim*

Post, J.M.*, and P.L. Carter. 2021. Unnatural Nature: Anglers Reimaginings of the Los Angeles River as Parkland. *Geographical Review* 112:2.

Post, J.M.* 2019. Book Review: Tribal GIS (ESRI Press 2017). *Tribal College: Journal of American Indian Higher Education* 30:4.

Post, J.M.*, Carter, P.L., and C. Sorrensens. 2018. Spatial Environmental Inequality in Lubbock, Texas. *Current Research Journal of Social Sciences and Humanities* 1:1.

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In Process

J.M. Post* and A.K. Brown. 2026. Fishing for Fines - The Current Legal Landscape of Urban Sustenance Fishing in Los Angeles: Working Towards More Just Opportunities. *UCLA Journal of Environmental Law and Policy* – Accepted (Vol. 44)

Brown, A.K., and J.M. Post*. 2025. Modern-day Pirates: A Model for Sustainable Law and Policy Solutions. *International Journal of Law, Crime, and Justice* – Submitted/In Review

Post, J.M.* 2025. Post-Pandemic Patterns of Urban Fishing: Angler Representation, Framing, and Construction of Spatial Narratives Using Social Media. Being prepared for journal submission.

Post, J.M.* and R.J. Reasch. 2025. *A Novel Exotic Occurrence of the Red-Rimmed Melania (Melanoides tuberculata) in a Restored Urban Stream*. Being prepared for journal submission.

Post, J.M.*, R.J. Reasch and E.S. Bailey. 2025. *First occurrence of Steganoderma eamiquitrema in a freshwater invertebrate: Possible transmission from marine ecosystems through coastal wetland avian fauna*. Being prepared for journal submission.

Post, J.M.* 2025. *Geospatial Technology and Techniques for Mapping Fish Habitats on the Los Angeles River: Implications for Restoration*. Being prepared for journal submission.

Post, J.M.* 2025. *Fieldwork Hazards in Urban Rivers: Lessons Learned from the Los Angeles River*. Being prepared for journal submission.

FUNDED PROJECTS

Conflict and Security Zones as “Involuntary Parks”: Implications for Conservation of Biodiversity

Arkansas State University Middle East Studies Grant
\$15,000.00 funded June 2026: Principal Investigator.

Mapping Novel Aquatic Ecosystems of the LA Storm Drain System: A Systematic Exploration of Human-Engineered Nature

Arkansas State University Faculty Research Fund \$19,979.85
Funded travel, student travel, personal protective equipment (PPE) and research equipment to support pilot study fieldwork in Los Angeles.

Weather Balloons, Atmospheric Science, and Field Research Opportunities: Capacity Building and STEM Enrichment for a Tribal College

NASA – Arizona Space Grant Consortium
\$6,000 funded January 2023: Principal Investigator
Funded weather balloons, sensors, telemetry equipment, and environmental testing kits in support of both student field research experiences and STEM capacity building.

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FUNDED PROJECTS CONT'D.

Bridging the Digital Divide: Emergency Support for Geography at Tribal Colleges, HUBCs and other MSIs

American Association of Geographers - COVID-19 Task Force

\$265,500 funded June 2020: Co-authored with Dr. Emily Ting Yeh, President, AAG, Professor and Chair of Geography, University of Colorado Boulder.

Funded emergency aid program for students and faculty at tribal colleges and other minority serving institutions. Program provides laptop computers, ESRI software, and mobile WIFI hotspots to address technology inequalities in vulnerable minority communities struggling to continue their education in the online environment during the COVID 19 pandemic.

Providing a UAS flight training and agricultural remote sensing training program for the Tohono O'odham Nation

American Indian College Fund - Van Vlack Family Endowment Grant

\$5,500 funded May 2020: Principal Investigator

Funded new instructional equipment including a DJI Phantom 4 Quadcopter and a Parrot Sequoia+ Multispectral sensor. A web-based workshop was facilitated as part of this project.

Assessing the Effectiveness of Reforestation Efforts in the Navajo Forest, Chuska Mountains –

American Indian College Fund - Research Experience for Undergraduates Grant

\$2,500 funded March 2018: Principal Investigator

Funded a student research experience project focusing on environmental sciences as a tool of community empowerment. Additionally, funded new equipment, GNSS receivers, and covered travel expenses to take students into the field.

Bathymetric Modelling of the Human Hydrologic Features of the Los Angeles River

USC Dornsife College of Arts and Sciences - Student Opportunities in Academic Research Grant

\$1,000 funded Fall 2016: Co-Principal Investigator

Funded a paid undergraduate research assistant and necessary equipment. This project incorporates the construction of a manned, self-propelled watercraft for acquisition of DI (down imaging) sonar bathymetric modeling.

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IN-PROGRESS PROPOSALS

Kay's Foundation Grant – Spring 2026

Post, J.M., and J.J. Castro (Arkansas State University). *Flowing through Time: Exploring the Intersections of History, Ecology, and Drainage Works in the Arkansas Delta*. \$31,537.40

Co-Principal Investigator. Submitted/In-Review

PAR-20-195 National Institutes of Health/National Institute of Environmental Health Sciences-Exploratory/Developmental Research Grant Program (R21)

Post, J.M. and E.S. Bailey (Campbell University) *Exotic Snail-Borne Trematodiasis in Urban Waterways: Evaluating Health Risks in Homeless Encampments and Vulnerable Populations*. \$392,409

Principal Investigator. Submitted/In-Review

NSF 21-623 National Science Foundation Human Environment Geographical Sciences Program

Riverscape Voices and Spatial Narratives: Experiences of Anglers and Resource Managers in Highly Disturbed Urban Rivers. \$400,000

Principal Investigator. In progress.

National Science Foundation Antarctica Social Science/Writers and Artists Program

Urban geography of Antarctica: Social dimensions and spatial patterns as determined by an extreme human-environment interaction.

Principal Investigator. In progress.

CONFERENCE PRESENTATIONS

Post, J.M. *Creating Spaces of Safety and Possibility: Defining a New Paradigm of Urban Geography Research Through Fieldwork Safety*. Presented at the 2026 Royal Geographical Society Annual International Conference in London, UK, September 2026

Pye, J.R., Fiedor, T.M., Post, J. M., and K.D. Gustafson. *The Spatial Distribution of Coccidia in Arkansas Freshwater Snails* Poster Presented at the 2026 Southwestern Association of Parasitology Annual Meeting in Kingston, OK, April 2026

Post, J.M., and S.G. Watkins. *Post-Pandemic Patterns of Urban Fishing: Angler Representation, Framing, and Construction of Spatial Narratives Using Social Media*. Presented at the 2025 American Association of Geographers Annual Meeting in Detroit, March 2025

Post, J.M. and H.L. Mills. *Memorialization of Indigenous Tongva Places in Present-Day Los Angeles*. Presented at the 2024 American Association of Geographers Annual Meeting in Honolulu, April 2024

Post, J.M. *Community Science and Mapping Urban Fishery Resources in Northeast Arkansas*. Presented at the 2023 Arkansas GIS Symposium in Jonesboro, October 2023

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Post, J.M. and R.J. Reasch. *Current Status and Distribution of the Exotic Aquatic Snail Melanoides tuberculata in California: Implications for Ecosystem and Public Health*. Presented at the 2023 American Association of Geographers Annual Meeting in Denver, March 2023

Drill, S., Post, J.M., Aguilar, A., and R. Dagit. *Ichthyofauna of the Middle and Lower Los Angeles River*. Presented at the 2023 California-Nevada Chapter - American Fisheries Society Meeting in Long Beach, March 2023

Post, J.M. *Geographies of Citizen Science: Data, Participation, Access, and Freedom in Conflict Zones*. Presented at the 2022 American Association of Geographers Annual Meeting in New York, February 2022

Post, J.M. and S. Drill. *Making the Los Angeles River “Just Blue Enough”: Effectively Balancing Urban Aquatic Ecology, Restoration, and Equitable Use*. Presented at the 2021 Southern California Academy of Sciences Annual Meeting, May 2021

Post, J.M. *Foraging for Fish: Mapping Urban Fishery Resources to Help Combat Food Insecurity Among Homeless Populations in Los Angeles County*. Presented at the 2021 American Association of Geographers Annual Meeting in Seattle, April 2021

Reasch, R. and J.M. Post *Storm Drains and Snails: How Ecological Restoration and Park Aesthetics Clash in Playa Vista*. Presented at the 2021 American Association of Geographers Annual Meeting in Seattle, April 2021

Post, J.M. *Indigenous GIS: Special Considerations for Developing and Implementing Decolonized Geospatial Technology Curricula at Tribal Colleges and Universities (TCUs)*. Presented at the 2020 American Association of Geographers Annual Meeting in Denver, April 2020.

Post, J.M. *Open-Source GIS as a Tool of Empowerment for Diné Students: A GIS Service-Learning Curriculum Case Study from a Tribal College*. Presented at the National Tribal GIS Conference in Albuquerque, November 2018

Post, J.M. and P.L. Carter. *Man, and Exotic Fish: Incorporating YouTube Videos and Citizen Science Data to Explore Spatial and Demographic Patterns in Urban Fishermen Attitude and Behavior with Respect to Exotic and Invasive Species on the LA River*. Presented at the 20th International Conference on Aquatic Invasive Species in Fort Lauderdale, October 2017

Post, J.M. and P.L. Carter. *Forbidden Fishing on the Los Angeles River: Querying Spatial and Demographic Patterns of Urban Fishing Behavior Using YouTube Videos*. Presented at the 2017 American Association of Geographers Annual Meeting in Boston, April 2017

Post, J.M. *The Design, Acquisition, Processing and Analysis of Side Imaging Sonar for Urban Rivers: An Exploration with Unmanned Aquatic Vehicles*. Presented at the 2016 American Association of Geographers Annual Meeting in San Francisco, April 2016

Post, J.M. *Environment, Site, and (in)Justice: An Examination of the location of Environmental Protection Agency (EPA) Hazard Sites in Texas*. Presented at the 2015 Southwest Regional American Association of Geographers Meeting in San Antonio, November 2015

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CONFERENCE PRESENTATIONS CONT'D.

Post, J.M. *The human aspects of the invasive aquatic species problem: The significance of cultural, socio-economic, recreation and policy variables*. Presented at the 2015 American Association of Geographers Annual Meeting in Chicago, April 2015

Post, J.M. *Mapping environmental justice issues in Lubbock through time: A mixed-methods historical perspective*. Presented at the 2014 Southwest Regional American Association of Geographers Meeting in Albuquerque, October 2014

Post, J.M. and P.L. Carter. *Spatial Environmental Inequality in Lubbock, Texas*
Presented at the 2014 American Association of Geographers Meeting Annual Meeting, Tampa, April 2014

ORGANIZED CONFERENCE SESSIONS

Session Chair and Organizer – *Human-Environment Interactions of Urban Waterways: Innovative Approaches, Methods, and Perspectives* – Paper Session, 2025 American Association of Geographers Annual Meeting, Detroit
Sponsored by the Cultural and Political Ecology Specialty Group (CAPE), Qualitative Research Specialty Group, Urban Geography Specialty Group

Session Chair – *Culture and Memory* – Paper Session, 2024 American Association of Geographers Annual Meeting, Honolulu

Session Chair and Organizer – *Indigenous Voices and Geographic Perspectives* – Paper Session, 2023 American Association of Geographers Annual Meeting, Denver

Session Primary Organizer – *The Variety of Geography: Diverse Showcase of Research* – Paper Session, 2020 American Association of Geographers Annual Meeting, Denver

Session Chair and Organizer – *Environmental Justice Methodologies* – Paper Session, 2015 American Association of Geographers Annual Meeting, Chicago
Sponsored by the Cultural and Political Ecology Specialty Group (CAPE) and the Graduate Student Affinity Group (GSAAG)

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GUEST LECTURES AND INVITED TALKS

Sunsets, Storm Drains, and Snails: Exploring the Novel Ecologies of the Los Angeles Underworld – Invited Lecture for the A-State Biology/Environmental Science Seminar Series, November 2024

The Urban Geographies of Tovaangar: Mapping, Memorialization, and Representation of Indigenous Tongva Places in Present-Day Los Angeles – Invited Lecture for the Central Mississippi Valley Chapter, Arkansas Archaeological Society, April 2024

Sustainable Futures for Students: A Guided Discussion on Careers and Opportunities in Sustainability – Invited Presentation for the 2023 Arkansas State University Sustainability Conference, October 2023

Research in Human-Environment Interactions – Invited Lecture for Geography Graduate Research Methods Course, Texas Tech University, November 2022

Geographic Information Systems in Conservation Biology and Environmental Science – Invited Guest Lecture, 2021 Summer Science Institute, Tohono O’odham Community College, June 2021

Urban Geography of Lubbock, Texas: A Tour – Invited Field Lecture for GEOG 3351 Urban Geography, Texas Tech University, April 2017 and April 2019

Graduate Fieldwork in Geography – Invited Lecture for Geography Graduate Research Methods Course, Texas Tech University, May 2017

The Los Angeles River – Invited Guest Lecture for SSCI 265 The Water Planet, University of Southern California, October 2016

Side Imaging Sonar and Habitat Mapping on the Los Angeles River – Lecture for SSCI 165, Sustainability Science in the City, University of Southern California, April 2016

Fieldwork in Geography: Methods, Planning and Safety – Lecture for GEOG 4300, Senior Capstone Class, Texas Tech University, April 2015

LiDAR Remote Sensing: Principles and Applications – Lecture for GEOG 3301, Remote Sensing of the Environment, Texas Tech University, November 2014

Regional Geography of Russia and the Former Soviet Union, Lecture for GEOG 2351, Regional Geography of the World, Summer II, Texas Tech University, August 2013

Adaptations of Cave Fishes, Animal Ecophysiology Graduate Student Lecture, Dept. of Natural Resources Management, Texas Tech University, November 2011

Success in Undergraduate Research and Transfer Admissions to STEM Undergraduate Programs: Presentation to the Senior Biology Class, Marymount California University, June 2010

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TEACHING EXPERIENCE

Arkansas State University

GEOG 2613 – Introduction to Geography
GEOG 3603 – World Regional Geography
GEOG 4623 – Environmental Management
GEOG 5623 – Graduate Environmental Management
GEOG 4813 – Special Topics: Digital Mapping for Social Science
GEOG 460V – Special Problems in Geography: GIS Applications for Historical Mapping
GEOG 5813 – Graduate Special Topics: Digital Mapping for Social Science
HNRS 400V – Honors Ethnobotany of Dominica
HIST 680V – Graduate Independent Study: Indigenous Tongva Histories of Los Angeles
HIST 623V – Graduate Capstone Project
HERI 7220V – Graduate Independent Study: GIS Mapping for Heritage Studies

Tohono O'odham Community College

GEO 101 - Physical Geography: Weather and Climate (with lab)
GEO 103 – Cultural Geography
GEO 170 – Introduction to Geospatial Technology
GEO 205 – Geography of Borderlands
GEO 217 – Introduction to Global Positioning Systems
GEO 267 – Introduction to Geographic Information Systems
GEO 270 – Remote Sensing
GEO 277 – Advanced Geographic Information Systems
GEO 280 – GIS Applications
GEO 285 – GIS Internship
GEO 290 – Unmanned Aerial Systems
SCI 290 – Special Topics in Science: Field Ecology

Pima Community College

GEO 101IN – Physical Geography: Weather and Climate (with lab)

Heilongjiang Institute of Technology

World Regional Geography
Urban Geography

Brigham Young University – Idaho

GESCI 203 – Environmental Stewardship

Navajo Technical University

GEOG 100 – World Regional Geography
GIT 105 – Fundamentals of Cartography
GIT 110/111 – Geographic Information Systems I/II
GIT 202 – Remote Sensing
GIT 207 – GIS Software Applications
GIT 210 – Service-Learning Project
GIT 295 – Field Methods

University of Southern California

SSCI 265 – Water Planet/Lab
SSCI 301 – Maps and Spatial Reasoning
SSCI 382 – Principles of GIS

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UNDERGRADUATE RESEARCH ASSISTANTS ADVISED

Olivia Edwards, Honors Thesis Committee Chair, Arkansas State University, 2026
Gabrielle White, Honors Thesis Committee Chair, Arkansas State University, 2026
Mae Whisenhunt, Arkansas State University, 2025 - 2026
Julia Renee Pye, Honors Thesis Committee Member, Arkansas State University, 2024 – 2026
Saber Brown, Arkansas State University, Summer 2025
Savannah Watkins, Arkansas State University, 2024 - 2025
Dionne Lopez, Tohono O’odham Community College, 2022 - 2023
Talia Apkaw, Tohono O’odham Community College, Spring 2023
Erica Kleinman, Tohono O’odham Community College, Summer 2022
Rachael Reasch, University of Arizona, Spring and Fall 2020
Arlyssia Sells, Navajo Technical University, Summer 2018
Norvina Charleston, Navajo Technical University, Spring 2018
Zachary Manta, USC SSI SOAR Research Undergraduate, Fall 2016
Michael Carlisle, TTU Geography Undergraduate, Fall and Spring 2016
Cedric Kudowor, TTU Geography Undergraduate, Spring and Summer 2015
Graham Rogers, TTU Geography Undergraduate, Summer 2015

GRADUATE RESEARCH ASSISTANTS ADVISED

Jacob Wyco, Arkansas State University, PhD Environmental Science, Committee Member
Taylor Fiedor, Arkansas State University, PhD Environmental Science, Committee Member
Halee Mills, Arkansas State University, MA Public History, MA Thesis Chair, 2023 – 2025
Sam Winters-Smith, Texas Tech University, MS Geography, Committee Member, 2023 – 2024
Rachael Reasch, Texas Tech University Health Sciences Center, MPH Applied Practical Experience Mentor, 2021– 2022

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ACADEMIC SERVICE

Ad-Hoc Reviewer, *Scientifica* ISSN: 2090-908X
2025 – Present

Ad-Hoc Reviewer, *Geographical Review* ISSN: 0016-7428
2025 – Present

Ad-Hoc Reviewer, Human-Environment and Geographical Sciences Program, National Science Foundation
2024 – Present

Member, Executive Committee – Arkansas GIS Users Forum
2023 – Present

Member, Member Engagement – Community College Outreach Sub-Committee, American Association of Geographers JEDI (Justice, Equity, Diversity, Inclusion) Task Force
2023 – Present

Reviewer, *Earth Sciences (EARTH)* ISSN: 2328-5982
2022 – Present

Member, Bridging the Digital Divide Steering Committee, American Association of Geographers
2020 – 2023

Member, Arizona Transfer System (AZTransfer) Geography Task Force
2019 – 2023

Member, Department Sub-Committee, American Association of Geographers COVID-19 Task Force
2020 – 2021

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INSTITUTIONAL SERVICE

Organizer – Environmental Management in Dominica Student Research Symposium, Arkansas State University
2026 – Present

Chair, Environmental Humanities Program Steering Committee, Arkansas State University
2025 – Present

Faculty Advisor, A-State Environmental Club
2025 – Present

Chair, College of Liberal Arts and Communication Safety Committee, Arkansas State University
2025 – Present

Environmental Science (EVS) Affiliate Graduate Faculty
2024 – Present

Member, College of Liberal Arts and Communication Safety Committee, Arkansas State University
2023 – Present

Member, Sustainability Certificate Development Committee, College of Science and Mathematics, Arkansas State University
2023 – Present

Member, Department of History Assessment Committee, Arkansas State University
2023 – Present

Member, Department of History Recruitment and Outreach Committee, Arkansas State University
2023 – Present

Chair, Tohono O’odham Community College Course GIS Adjunct Faculty Hiring Committee
2023

Chair, Tohono O’odham Community College Course Evaluation Redesign Committee
2022 – 2023

Chair, Tohono O’odham Community College Faculty Pay Scale Revision Committee
2022

Member, Tohono O’odham Community College Social Science Hiring Committee
2022

Member, Tohono O’odham Community College Curriculum Committee
2020 – 2023

Chair, Navajo Technical University Academic Excellence Committee
2018 – 2019

Chair, Navajo Technical University Environmental Health and Safety Committee
2018 – 2019

INSTITUTIONAL SERVICE CONT'D.

Environmental Health and Safety Officer, Navajo Technical University
2018 – 2019

Member, Navajo Technical University Program Review Committee
2018 – 2019

Member, Navajo Technical University Institutional Review Board
2018 – 2019

Author, Navajo Technical University Environmental Health and Safety Policy
2018

Author, Navajo Technical University Draft UAS Use Policy
2018

Author, Navajo Technical University Draft Aquatic Fieldwork Safety/Watercraft Safety Policy
2018

AFFILIATIONS AND MEMBERSHIPS

American Association of Geographers
American Geographical Society
Royal Geographical Society (with Institute of British Geographers)
Arkansas GIS Users Forum
Sigma Xi, Scientific Research Society
North American Native Fishes Association
Tribal GIS – National Tribal GIS Support Center
Gamma Theta Upsilon, International Geographic Honor Society

HONORS, AWARDS AND RECOGNITION

- Nominee, Faculty Achievement Award (Teaching), Arkansas State University, 2026
- Fellow, Royal Geographical Society, ongoing
- Texas Tech University Graduate School Cash Family Endowed Graduate Fellowship, 2015
- First Place Outstanding Thesis Award, Texas Tech University Graduate School, 2014
- Gamma Theta Upsilon, Kappa Chi Chapter Annual Award for Excellence in Geography, 2014
- First Place Presentation, Economics, and the Environment Section, Texas Tech University Arts and Humanities Graduate Research Conference, 2013
- UCLA Commencement Chancellor's Volunteer Service Award, 2011
- Marymount California University Distinguished Alumni of the Month, June 2010 and October 2011

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NEWS AND MEDIA APPEARANCES

- Jonesboro Sun. 1 July 2026. *A-State students travel to Dominica for research trip.* https://www.jonesborosun.com/news/five-a-state-students-travel-to-dominica-in-inaugural-research-trip/article_68a511f0-cc74-50bf-9eca-9fb1bd76a8cb.html
- KAIT 8 News Jonesboro. 24 June 2026. *Five A-State students travel to Dominica for research trip.* <https://www.kait8.com/2026/06/24/five-a-state-students-travel-dominica-research-trip/>
- KOHN 91.9 FM (Sells, AZ) KOHH 90.7 FM (San Lucy, AZ) KOHF 101.1 FM (Florence, AZ) KWAK 102.5 FM (San Xavier/Tucson AZ). 5 January 2023. *Interview with Dr. Jason Post, TOCC GIS Opportunities.* Em Ma:cidag Wui – Tohono O’odham Community College Radio Show
- High Country News. 20 April 2021. *The Los Angeles River’s Overlooked Anglers: Unhoused Angelenos use the urban river as a source of sustenance, but a proposal to revitalize the waterway could push them out.* <https://www.hcn.org/issues/53.5/south-people-places-the-los-angeles-rivers-overlooked-anglers>
- KOHN 91.9 FM (Sells, AZ) KOHH 90.7 FM (San Lucy, AZ) KOHF 101.1 FM (Florence, AZ) KWAK 102.5 FM (San Xavier/Tucson AZ). 25 February 2020. *Interview with Dr. Jason Post, TOCC GEO:SMART Grant and GIS for the Tohono O’odham Nation.* Em Ma:cidag Wui – Tohono O’odham Community College Radio Show.
- Lubbock Avalanche Journal. 8 December 2018. *In North, East Lubbock citizens hope answers to health concerns go beyond ‘Plan Lubbock 2040.’* <https://www.lubbockonline.com/news/20181208/in-north-east-lubbock-citizens-hope-answers-to-health-concerns-go-beyond-plan-lubbock-2040>
- UCLA IOES Profile. 13 April 2018. *Environmental science without borders* <https://www.ioes.ucla.edu/article/environmental-science-without-borders/>

CURRICULUM DEVELOPMENT – NEW ACADEMIC PROGRAMS CREATED

- Environmental Management Study Abroad Program (Dominica), Arkansas State University
- Geography Emphasis for Bachelor of Arts in History Program, Arkansas State University
- Applied Anthropology Minor, Arkansas State University
- Associate of Arts in Geographic Information Science, TOCC
- Associate of Applied Science in Geographic Information Science, TOCC
- Professional Certificate in Geographic Information Science, TOCC

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CURRICULUM DEVELOPMENT – NEW COURSES CREATED

- GEOG 2703 – Introduction to Human and Cultural Geography, Arkansas State University
- GEOG 4223 – Urban Geography, Arkansas State University
- GEO 170 – Introduction to Geospatial Technology, TOCC
- GEO 270 – Remote Sensing, TOCC
- GEO 277 – Advanced Geographic Information Systems, TOCC
- GEO 280 – GIS Applications, TOCC
- GEO 285 – GIS Internship, TOCC
- GEO 290 – Unmanned Aerial Systems, TOCC
- GEO 295 – Independent Research in Science: GIS, TOCC
- GEOG 100 – World Regional Geography, NTU
- GIT 295 – Field Methods, NTU

LICENSES AND CERTIFICATIONS

- Part 107 Remote Pilot with sUAS Rating – Federal Aviation Administration
- Emergency Medical Responder (EMR)/First Aid Provider – Arkansas Fire Training Academy
- Firefighter PPE/SCBA – Arkansas Fire Training Academy
- NWCG Firefighter Type II (Wildland) – Sierra Blanca Wildland Fire Academy
- NFPA Level II Flood and Swiftwater Rescue Technician – Specialized Rescue Inc.
- Open Water Diver – PADI
- Confined Space Entry – HMRTI/PETE, Arkansas State University
- Emergency Chemical Spill Response (24 hrs.) – HMTRI/PETE
- HAZWOPER (40 hrs.) – HMRTI/PETE

PROFESSIONAL CONSULTING EXPERIENCE

Lead Consultant, JP and Co. Geospatial and Environmental Consulting
2017- Present

- Customer demographic analysis, identification of potential markets, and quantification of total addressable market, Private Client
- Market research and enterprise geospatial intelligence, Augusta, GA, Club Car Inc.
- Market research and demographic analysis for low-speed vehicle rentals, Gulf Shores, AL, Club Car Inc.
- Infrastructure mapping for JL Bar Ranch and Resort, Sonora, Texas

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COMMUNITY SERVICE

Executive Committee Member, Arkansas GIS Users Forum. 2023-Present

Volunteer Firefighter/Emergency Medical Responder, Brookland Fire Protection District, Brookland, AR. 2024-2025

Wildland Reserve Firefighter, Three Points Fire District, Three Points, AZ. 2020-2021

Member, Tohono O'odham Nation GIS Users Working Group. 2019-2023

Volunteer Firefighter, McKinley County Fire/EMS, Crownpoint, NM. 2018-2019

Volunteer Firefighter, Borrego Pass Fire Department, Borrego Pass, NM. 2018-2019

Volunteer Firefighter, West Carlisle Fire/EMS, Lubbock, TX. 2014-2016

Texas State Guard, 39th Regiment, E-3 Civil Affairs Specialist, Lubbock, TX. 2011-2012
(Honorable Discharge)

US Coast Guard Auxiliary, Flotilla (12-4) Telecommunications Staff Officer (FSO-CM). Marina Del Rey, CA. 2010-2012

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Department of History - Arkansas State University
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TECHNICAL COMPETENCIES

- Geographic Information Systems (ArcGIS Pro, ArcGIS Desktop, and QGIS)
- Spatial analysis and spatial statistics
- Statistical software and programming (R, SAS, MatLab, GeoDa)
- Cartographic design
- Aerial mapping and imagery acquisition
- UAS operations and mission planning
- Remote sensing, image processing, and interpretation
- LiDAR and Digital Surface Model processing
- Design and construction of UAS and remotely operated boats
- Bathymetric modeling and hydrographic surveys
- Acquisition, processing and interpretation of side imaging (SI) sonar data
- GNSS data collection (including RTK and DGPS)
- Surveying and field methods
- Fieldwork planning and logistics
- Species distribution modeling
- Habitat mapping
- Environmental monitoring and assessment
- Fish assemblage sampling
- Evaluating issues of environmental justice
- Community (citizen) science and volunteered geographic information
- Survey design and qualitative methods
- Cultural demography and field interview methods
- Human subjects research and institutional review boards
- Qualitative research methods
- Qualitative analysis of social media posts and YouTube videos
- Online instructional and learning management systems (Blackboard, Canvas, D2L, Moodle)
- Hybrid and mixed-media course development
- Academic advising
- Curriculum design
- Course development and assessment
- Academic program development and assessment
- Program budgeting and administration
- Program marketing and recruiting
- Field methods courses and international education/study abroad program design
- Community engagement
- Institutional diversity and education of diverse student populations
- Indigenous education models
- Business market intelligence
- Site suitability modelling
- GIS for Fire, EMS, HAZMAT, and emergency response
- Water quality monitoring
- DNA extraction of environmental samples and conventional PCR
- NIH/NSF grant proposal writing