

Annita Sophia Lucchesi

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EDUCATION | *transcripts available upon request*

North Dakota State University | Fargo, ND 2026 - present

Master's of Natural Resources Management

Specializing in wildlife management, range ecology, Indigenous ecology

University of Arizona | Tucson, AZ 2023

Doctor of Philosophy in Geography

Minor in Gender & Women's Studies

Dissertation: Mapping Geographies of Violence Against Indigenous Peoples & for Self-Determined, Safe Indigenous Futurities

University of Lethbridge | Lethbridge, AB 2017-2019

Doctor of Philosophy in Cultural, Social, & Political Thought (*transferred to University of Arizona in Fall of 2019*)

Washington State University | Pullman, WA 2016

Master of Arts in American Studies (Honors)

Thesis: -hóhta'hané: Mapping Genocide & Restorative Justice in Native America
(archived in the Vine Deloria, Jr. Library at the National Museum of the American Indian, Smithsonian Institution)

University of California, Berkeley | Berkeley, CA 2012

Bachelor of Arts in Geography (Highest Honors) | Economy, Culture, & Society

Minor in Global Poverty & Practice (Honors) | Rural Studies & Governance

CURRENT RESEARCH INTERESTS

- Identification, study, and management of cultural keystone wildlife
- Indigenous range ecology, wildlife management, and environmental/earth sciences methods & applications
- Landscape genetics, with particular focus on spatially explicit genetic simulation, Indigenous landscape genetics, and conservation science
- Theorizing Indigenous sciences

- Uplifting Black, Indigenous, and People of Color sciences and ways of knowing; underrepresented scientists; addressing racism, colonialism, and heteropatriarchy in science

CURRENT RESEARCH PROJECTS

Turkey Feather Warriors, Bear Hearted Mothers, Wolf Minded Women, and Followers of Bison: Redefining Concepts of Cultural Keystone Wildlife on Indigenous Terms to Advance Northern Great Plains Indigenous Range Wildlife Ecology.

Solo research under supervision of Dr. Dillon Fogerty (North Dakota State University); manuscript currently in development. Offers a critique of current established methods of identification and study of cultural keystone wildlife, particularly in Indigenous contexts, and advances a new best practices guide for development of culturally and regionally specific study methods aligned with cultural and ontological specificity. Focuses on Northern Plains rangeland wildlife as a pilot example rooted in my own Cheyenne culture.

Mapping the Future(s) of Atlantic Salmon in Lake Champlain: Using Spatially Explicit Genetic Simulation to Assess Impacts of Thiamine Deficiency Complex and Reimagine and Restore Kinship Based Fisheries Management.

Two-part collaborative project undertaken by A. Priest, Ellyse Anderson, Sabrina Siegan, Rylie Robinson, and myself; under supervision of Dr. Thaïs Bernos (University of Vermont), Dr. Casey Day (University of Montana), Dr. Erin Landguth (University of Montana), Dr. Matthew Futia (University of Vermont), & Dr. Kurt Heim (US Fish & Wildlife Service). Phase 1 modeling and manuscript in development; Phase 2 will seek partnership with relevant tribal nations to pilot simulation of Indigenous-prioritized management strategies pertinent to the system and region's cultures. Primary objectives are to (1) demonstrate utility of spatially explicit genetic simulations in assessing potential efficacy of TDC management interventions and potential for evolutionary rescue (2) advancing a model for landscape genetic simulation rooted in Indigenous research self-determination and culturally-aligned values.

É-ho'néheve: Reclaiming Indigenous Women's Power as Scientists, Knowledge Gatherers, and Future Bearers.

Invited chapter in development for an anthology titled *Stories My Grandmothers Told Me: An Anthology of Indigenous Women's Stories*; to be published by Qilin Press in 2027. This chapter will build on my journey as an Indigenous woman scientist and

researcher grounded in stories of land, matrilineal power, and connection to non-human relatives (salmon, horses, wolves, Northern Plains birds).

Heme'konohvehonevestse naa Vo'ho'kohtaestse: Healing our Northern Cheyenne People by Remembering our Warriors who Stood Against Colonial Sexual Violence.

Research project on behalf of the Northern Cheyenne Tribal Historic Preservation Office, gathering oral and archival histories of the Headchief-Young Mule Incident. Culminating in a final report to the NCTHPO and development of interpretive signage honoring the historic site.

Advancing Wildlife Management Informed by a Comprehensive Survey of Indigenous Cultural Keystone Wildlife of Northern Plains Rangelands. This study builds on the "Turkey Feather Warriors" project described above by implementing the best practices guide developed in a first-of-its-kind comprehensive survey of Indigenous cultural keystone wildlife of Northern Plains rangelands. Objectives are to develop a community-grounded comprehensive reference of cultural keystone wildlife within the system, and to provide initial exploration of how such data can inform wildlife management plans at tribal, state, and federal levels.

RESEARCH SKILLS & EXPERIENCE SUMMARY

- Leading scholar on Indigenous data sovereignty, Indigenous geography and earth sciences, decolonial and Indigenous cartography, Indigenous research and methodologies, Indigenous feminisms, violence against Indigenous peoples (especially as it relates to land-based violence), politics and methods of mapping genocide and mass death, feminist data science, intersections of extractive industries and gender & colonial violence
- Over a decade of demonstrated experience working with diverse populations, particularly tribal nations and among Indigenous peoples
- Over a decade of participation in international Indigenous gathering spaces and demonstrated leadership across Indigenous communities nationally and internationally
- Over a decade of experience developing and advocating for research-grounded policy at tribal, state, federal, and international levels

- Over a decade of experience in grassroots movement building and community organizing, which successfully led to tribal, state, and federal legislation being developed and passed - including taskforces, study commissions, and research & data best practices
- Over a decade of experience leading trauma-informed research and Indigenous community building centered on decolonization and self-determination
- Over five years of non-profit research leadership
- Culturally/regionally diverse array of experiences in education with strong emphasis on minority-serving and tribal curricula and program design
- Software: EndNote, Mendeley, MaxQDA, Adobe InDesign, Adobe Illustrator, Adobe PhotoShop, ArcGIS, Quantum GIS, TerraStories, Microsoft Office

SELECTED PROFESSIONAL EXPERIENCE - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES

National Wildlife Federation | Artemis Program Manager 2024 - present
Lead manager of NWF's Artemis program, which uplifts women hunters and anglers as conservation leaders. Duties include grant writing, management, and reporting; program design and implementation; oversight of program operations; oversight of program staff and volunteers; lead in internal and external partnerships.

Cartography | Freelance 2012 – present
Specializing in maps for academic and non-profit publications, including scholarly books, dissertations, and policy briefs and reports. I am a world renowned scholar of critical cartography, published in leading peer-reviewed academic journals. My disciplinary specialties include Indigenous cartography, cartography for community organizing and social justice, cartography as a healing practice for survivors of violence, and cartography as a method of documenting and combatting genocide. I'm frequently asked to speak on my expertise, mentor graduate students, review manuscripts for peer reviewed publication, and create maps for Indigenous communities and tribal nations.

Northern Cheyenne THPO | Research Assistant/Contractor 2024, 2026
I have worked with NC THPO periodically since March 2024. Initially it was as a Mapping Research Assistant, researching and mapping Northern Cheyenne historic and cultural sites. This included in-person work presenting findings to the Northern Cheyenne Culture Commission, fieldwork at sites, and care of returned ancestral items. I now have a contract with the department to undertake a research project documenting archival

and oral histories of the Headchief-Young Mule Incident, a historic event that occurred in the early days of the reservation. I am a Northern Cheyenne descendant (documented ancestry but not enrolled citizen).

Sovereign Bodies Institute | Founder, Executive Director 2018 – 2024

Founder of world's first community-based research institute on gender and sexual violence against Indigenous people. Duties include overseeing staff, fundraising, grant reporting, oversight/design/implementation of research projects, policy advocacy and movement building, maintenance and oversight of the Missing & Murdered Indigenous Women's Database, oversight of independent research projects undertaken by Leading Community Researchers, oversight of award programs, oversight and implementation of direct services programming, public speaking.

Institute for Recruitment of Teachers | Student (SOP) Advisor 2019 & 2020

Advisor providing individualized mentoring to undergraduate students of color navigating the graduate school application and admissions process. Included assistance on statement of purpose (SOP) drafting, program selection, faculty supervisor and mentor identification, admissions interviews.

Urban Indian Health Institute | Doctoral Intern 2018

Collaboration to support a UIHI-sponsored research project collecting and analyzing data on missing and murdered indigenous women in urban cities in the US.

University of Lethbridge | TA 2017 – 2018

Teaching assistant assigned to support NAS 4850: The Symbols That Frame Aboriginal Community, and NAS 3700: Native Health. Duties included attendance, limited assignment grading, and student support.

National Centre for Collaboration in Indigenous Education | RA 2017 – 2018

Duties included coordinating with site visit locations, conducting interviews with educators, summarizing and presenting findings to larger research team and relevant professional/academic communities.

University of Lethbridge | RA 2017 – 2018

Research assistant to Dr. Olu Awosoga, at the Health Sciences department at the University of Lethbridge. Duties included literature review and background research, coordinating with site visit locations, survey collections, assisting with focus group sessions.

Blackfeet Community College | Faculty

2016 – 2017

Full-time faculty in the Liberal Arts division. Courses taught: College Writing, Speech, Introduction to Critical Thinking, Learning Strategies for Higher Education, Capstone, Indigenous Philosophies. Average class size 20-30 students. Responsible for curriculum design, teaching classes independently.

Pueblo of Isleta | Adult Education Coordinator

2015 – 2016

Provided referrals to GED prep programs, tutoring, transportation to and from classes and exams, school supplies for adult learners, adult literacy resources, and employability training. Oversaw program budget and grant reporting, and designed program outreach and growth.

CCGRS Dept, Washington State University | TA

2013 – 2014

Taught CES 101: Introduction to Ethnic Studies in the Department of Critical Culture, Gender, & Race Studies on the Pullman campus of Washington State University. Assisted in a 90-student course, taught a 40-student course independently.

Capitalism Nature Socialism | Cartographer

2012 – 2013

Worked with editorial board & article manuscripts to create maps to be published alongside scholarly articles (journal published by Taylor & Francis).

SELECTED PROFESSIONAL DEVELOPMENT & TRAINING - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES**Native Women in Agriculture & Natural Resources Symposium**

2026

Native American Fish & Wildlife Society

Multi-day leadership development training for Native women in agriculture and natural resources management

Leadership Development Training | Wild Montana

2025

Conservation leadership development training for professionals and community advocates in Montana.

Mapping Meaning | Taft-Nicholson Center, University of Utah

2018

Week-long workshop for women scholars, researchers, & artists engaged in work on ideas of space, landscape, and creative representation.

Mapping Back | Concordia University

2017

Presented prior individual work on Indigenous cartography and mapping indigenous narratives of violence, worked collaboratively with other participants to draft maps for an atlas and develop new work on cartographic practices reflective of indigenous epistemologies.

Penn Center for Minority Serving Institutions | Philadelphia, PA

2017

Enriching Learning, Enhancing Visibility & Training Educators (ELEVATE) Fellow

Institute for Recruitment of Teachers | Andover, MA

2011

Graduate school preparatory program in critical theory and pedagogy

SELECTED AWARDS & HONORS - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES

Graduate Scholar | Collaboratory for Indigenous Data Governance

2020-2022

Native Nations Institute, University of Arizona

Merit-based fellowship to support doctoral research on Indigenous data sovereignty at the University of Arizona's Native Nations Institute.

Lynn Staeheli Award | School of Geography, Development, & Environment, University of Arizona

2021

Merit-based award for SGDE graduate students, to support summer 2021 research.

International Tuition Scholarship | University of Lethbridge

2017 – 2019

Merit-based scholarship for international students pursuing a doctoral degree; extends through all expected years of study.

Participatory Action Research Grant | Blackfeet Community College

2016 – 2017

Grant to conduct independent classroom-based participatory action research.

Distinguished RA and Diverse Scholars' Award | WSU

2012 – 2013

Merit-based research assistantship awarded to an outstanding incoming graduate student, which allows them to conduct independent research in lieu of a teaching assistantship.

SELECTED PUBLICATIONS - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES

Sole Author

Lucchesi, Annita Hetoevèhotohke'e. "É-ho'néheve: Reclaiming Indigenous Women's Power as Scientists, Knowledge Gatherers, and Future Bearers." *Stories My Grandmothers Told Me: An Anthology of Indigenous Women's Stories*. Forthcoming.

Lucchesi, Annita Hetoevèhotohke'e. "[REVIEW] *Examining Historic Blackfoot and Gros Ventre Maps*." *Plains Anthropologist*, forthcoming.

Lucchesi, Annita Hetoevèhotohke'e. "Our Bodies are the Front Lines: Responding to Land-Based Gender Violence." *Invisible No More: Voices from Native America*. Island Press, 2023.

Lucchesi, Annita Hetoevèhotohke'e. "Mapping Violence Against Indigenous Women and Girls: Identifying and Moving Beyond Colonizing Data and Mapping Practices." *ACME: An International Journal for Critical Geographies*, 2022.

Lucchesi, Annita Hetoevèhotohke'e. "Spatial Data and (De)Colonization: Incorporating Indigenous Data Sovereignty Principles into Cartographic Research." *Cartographica* 55:3, 2020.

Lucchesi, Annita Hetoevèhotohke'e. "Indigenous Trauma is Not a Frontier: Breaking Free from Colonial Economies of Trauma & Responding to Trafficking, Disappearances, and Deaths of Indigenous Women and Girls." *American Indian Culture and Research Journal* 43:3, 2019.

Lucchesi, Annita Hetoevèhotohke'e. "For Ashley, Wayne, and Shayanna: Supporting Tribal College Students and Addressing Abuse." *Tribal College: Journal of American Indian Higher Education*, 30(4), 2019.

Lucchesi, Annita Hetoevèhotohke'e. "Spirit-Based Research: A Tactic for Surviving Trauma in Decolonizing Research." *Journal of Indigenous Research* 7:1, 2019.

Lucchesi, Annita Hetoevèhotohke'e. "Mapping Geographies of Canadian Colonial Occupation: Pathway Analysis of Murdered Indigenous Women." *Gender, Place, and Culture*, 26:6, 868-887. 2019.

Lucchesi, Annita Hetoevèhotohke'e. "'Indians Don't Make Maps': Indigenous Cartographic Traditions and Innovations." *American Indian Culture and Research Journal*, 42(3), 11-26. 2018.

Lucchesi, Annita. "[REVIEW] *On Cartography*." *Transmotion* 4 (1), 2018: 194-195.

Lucchesi, Annita. "Mapping for Social Change: Cartography and Community Activism in Mobilizing Against Colonial Gender Violence." *Mapping Meaning*. 2018.

Lucchesi, Annita. "[How Universities Fail Native American Victims of Sexual Assault.](#)" *MSIs Unplugged* blog; October 25, 2017.

Lucchesi, Annita. *-hóhta'hané: Mapping Genocide & Restorative Justice in Native America*. MA Thesis, archived in the Vine Deloria, Jr. Library at the National Museum of the American Indian, Smithsonian Institution.

Collaborative Publications (chronological order)

Luebke, Jeneile, et al. "The Utility of Postcolonial and Indigenous Feminist Frameworks in Guiding Nursing Research and Practice About Intimate Partner Violence in the Lives of American Indian Women." *Journal of Transcultural Nursing*, February 2021.

Ollivierre, Alison DeGraff, et al. "Participatory Mapping" in *International Encyclopedia of Geography: People, the Earth, Environment and Technology*. Wiley, 2021.

Carroll, Stephanie Russo, et al.. "[Indigenous Data in the Covid-19 Pandemic: Straddling Erasure, Terrorism, and Sovereignty.](#)" *Items: Insights from the Social Sciences*. Social Science Research Council; June 11, 2020.

Rose-Redwood, Reuben, et al. "Decolonizing the Map: Recentering Indigenous Mappings." *Cartographica* 55:3, 2020.

SELECTED PRESENTATIONS - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES

Academic (selected)

Mapping the Future(s) of Atlantic Salmon in Lake Champlain: Using Spatially Explicit Genetic Simulation to Assess Impacts of Thiamine Deficiency Complex and Reimagine and Restore Kinship Based Fisheries Management. Landscape Genetics Symposium. University of Wyoming. May 2026.

Applying Indigenous Research and Data Practices to Cartography. North American Cartographic Information Society. October 2024.

Decolonizing Cartography: Reclaiming and Reimagining Indigenous Cartographic Traditions. Crow Canyon Archeological Center. July 2024.

Community Safety and Self-Determination Among Indigenous Peoples. Community Safety as a Social Determinant of Health: How to Create Safe Communities - National Academies of Sciences, Engineering, and Medicine. December 2023.

Indigenous Data Sovereignty in Addressing Violence Against Indigenous Peoples. Indigenous Innovation, Data Economies and Artificial Intelligence Summit - Arizona State University. March 2023.

Mapping Violence Against Indigenous Peoples. Indigenous Cartographies Workshop - University of New Mexico. February 2023.

Mapping Without GIS. Feminist Visualization: Mobilities, Sovereignty, Borders. University of Arizona; March 2021.

Disproportionate Policing in Indigenous Communities. Reducing Racial Inequalities in the Criminal Justice System. National Academies of Sciences, Engineering, & Medicine; January 2021.

Mapping for Justice: Creating Cartographies of Social Change. Guerrilla Cartography's Atlas in a Day; May 2020.

-hóhta'hané: Mapping Genocide & Restorative Justice in Native America. International Cartographic Association; 2017.

Professional & Policy (selected)

A Brutally Honest Discussion of Best Practices for Bringing Women Into the Sporting Conservation Space. National Wildlife Federation Annual Meeting; June 2026.

Community and Story-telling: Engaging Women. Council to Advance Hunting and the Shooting Sports (R3 National Symposium); May 2026.

Mentorship, Accessibility & Empowerment of New Anglers: A 2-Part Webinar Series for Inclusive Fly Fishing & Outdoor Mentorship. Artemis Sportswomen, Trout Unlimited, & The Mayfly Project; March & April 2026.

Uplifting Women Leaders in Conservation and Sporting: Artemis Sportswomen's Ambassador Program. Pheasants Forever/Quail Forever (Pheasant Fest); February 2026.

Women Leading the Way: NWF's Artemis Program & Creating Inclusive, Empowering Sporting-Led Conservation. National Wildlife Federation Annual Meeting; June 2025.

Casting Change: Women Changing Representation in Fly Fishing. The Fly Fishing Show; February 2025.

Personal Testimony as a Survivor of Trafficking. State of South Dakota Water Board hearing on permits for TransCanada Keystone XL Pipeline; December 2019.

Missing and Murdered Indigenous Women & Girls Report: Creating Change Through Data, Research, Policy, and Practice. Beyond the Bench: Uniting for a Better Future (hosted by California Courts); December 2019.

SELECTED SERVICE - RESEARCH, EDUCATION, & EARTH/ENVIRONMENTAL SCIENCES

NWF Indigenous ERG | Member, Co-lead 2024 - present
Joined the Indigenous ERG when I began at NWF in 2024, became a co-lead in 2025 when new leadership became needed.

Mapping Back | Steering Committee Member 2018 – 2020
SSHRC-funded project housed at Concordia University, aimed at creating a collective of Indigenous cartographers and scholar-allies. Projects include creation of an atlas of

original maps of Indigenous conflicts with resources extraction, and creation of an online resources hub regarding Indigenous communities and mapping.

Indigenous Graduate Student Association | Founding Member 2013 – 2014

One of several founding members of IGSA at Washington State University, Pullman campus. Helped to create and contribute to a support network for Indigenous graduate students.

Native American Women's Association | Vice President, Senator 2013 – 2014

Event planning and coordination, graphic design of promotional materials, liaison between NAWA and the Coalition of Woman Students.

REFERENCES

Professional Supervisors - Land & Environmental

Tara Losoff

losofft@nwf.org

Vice President, Power Building

National Wildlife Federation

David Willms

willmsd@nwf.org

Associate Vice President, Public Lands

National Wildlife Federation

Jessi Johnson

jessijohnson@wyomingwildlife.org

Government Affairs Director

Wyoming Wildlife Federation

Current Research Supervisors & Mentors

Dillon Fogerty

dillon.forgerty@ndsu.edu

Assistant Professor - Rangeland Ecology

North Dakota State University

Thais Bernos

thais.bernos.uvm.edu

Assistant Professor - Environment & Natural Resources
University of Vermont

Teanna Limpy

(406) 477-4839 | teanna.limpy@cheyennenation.com

Department Director
Northern Cheyenne Tribal Historic Preservation Office (THPO)

Other Academic References

John Paul Jones III

(520) 621-1112 | jpjones@arizona.edu

Professor in the School of Geography, Development & Environment
University of Arizona

Monica Casper

(206) 296-6000 | mjcasper@seattleu.edu

Dean of College of Arts and Sciences
Seattle University