

Courtney Callidora Manthey

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Applied medical and biocultural anthropologist specializing in female health, reproductive disorders, Indigenous data sovereignty, and embodied heritage. My main research project bridges applied medical anthropology, biocultural approaches, and public health, while also examining the cultural significance of traditional tattooing (*tatau*) in Sāmoa as a form of identity, resilience, and social capital. Experienced in community engagement, public outreach, and digital scholarship, I bring a strong record of peer-reviewed publication, interdisciplinary collaboration, and student mentorship that integrates cultural theory with applied impact.

EDUCATION

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| Expected
May 2026 | PhD Anthropology , The University of Montana
Dissertation Title: <i>Tatau and Female Health in Sāmoa: Applied Medical Anthropology Approaches to Polycystic Ovary Syndrome and Cultural Identity</i>
Advisors: Dr. Meradeth Snow and Dr. Tara Cepon-Robins |
| May 2021 | MA Anthropology , The University of Colorado Denver
Thesis Title: <i>Polycystic Ovarian Syndrome as an Evolutionary Mismatch Disorder: An Argument for the Significance of Hyperandrogenism on Reproductive Fitness in Ancestral Populations</i>
Advisor: Dr. Anna Warrener, with Dr. Sarah Horton |
| Dec 2020 | Master of Public Health Certificate in Maternal and Child Health , The University of Colorado Anschutz Medical Campus |
| Dec 2018 | BA Anthropology , The University of Colorado Colorado Springs
Thesis Title: <i>The Immigration Experience: Testing the Efficacy of Deep Maps as an Empathetic Teaching Method</i>
Advisor: Dr. Kimbra Smith |
| Dec 2018 | Undergraduate Certificate in Cognitive Archaeology , The University of Colorado Colorado Springs |

EXPERIENCE

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| Aug 2025-Present | Instructor of Record
The University of Montana
Course: <i>Anthropology Laboratory (ANTY 213)</i> <ul style="list-style-type: none">Independently design and teach 3 sections of an anthropology course, integrating cultural and biocultural theory with applied perspectives on anthropologyDevelop lectures, assignments, and assessments, emphasizing student-centered learning and high-impact teaching practices |
| Jan 2025-Present | Graduate Teaching Assistant
The University of Colorado Colorado Springs, The University of Montana |

Courses: *Human Biology & Ecology (ANTH 3370, UCCS)*, *Emergence of Humans (ANTY 415, UM)*

- Facilitated discussion sections and labs that connected anthropological theory to applied case studies in health, environment, and culture, while evaluating student work and providing detailed feedback to support learning outcomes.

Jan 2025-Mar 2025 **Faculty – Lived Experience Expert**
The Preeclampsia Foundation

- Developed and taught a course for healthcare providers that integrated lived experience with applied medical anthropology, using discussion-based curriculum to emphasize culturally informed care, health equity, and community engagement in clinical practice

Feb 2024-Present **Senior Cultural Anthropologist / Project Manager**

The effects of shared marks of identity project

PI: Dr. Christopher Lynn (University of Alabama); Co-PI: Dr. Michael Muehlenbein (Baylor University), Dr. Bernadette Samau (National University of Sāmoa)

- Coordinate an applied medical anthropology project examining Sāmoan tattooing (*tatau*) as a cultural practice shaping health, identity, and stress physiology
- Maintain active partnerships with the National University of Sāmoa and Olaga Study Group, ensuring community-engaged, collaborative approaches
- Develop and disseminate culturally grounded educational materials for community stakeholders, faculty, and students
- Mentor graduate students and facilitate cross-institutional collaboration to advance community-based, biocultural research

May 2021-Present **Anthropology Research Affiliate**
The University of Colorado Colorado Springs

- Contributed to faculty-led research projects in anthropology, supporting publication, grant development, and student mentorship

Jun 2020-May 2021 **Graduate Teaching Assistant**

The University of Colorado Colorado Springs

Courses: *Introduction to Biological Anthropology (ANTH 1030)*, *Human Biology & Ecology (ANTH 3370, UCCS)*

- Assisted in teaching multiple sections of anthropology courses Summer 2020, Autumn 2020, Spring 2021
- Supported course delivery in both in-person and online formats, incorporating digital tools to enhance student engagement

PEER-REVIEWED PUBLICATIONS

- 2025 Lynn C, **Manthey C**, Copeland T, Samau B, Muehlenbein M. Cultural Identity and *Tatau*: Participatory Approaches to Understanding Sāmoan Heritage in the Pacific. *Pacific Studies Journal*. (Submitted & Under Review)
- 2025 Novak T, **Manthey C**, Gassen J, Baker E, Weaver S, Muehlenbein M. Perceptions of Disease Risk Across Sex and Reproductive Stages: A Biocultural Study During the COVID-19 Pandemic. *Evolutionary Medicine and Public Health*. (Submitted & Under Review)
- 2025 **Manthey C**, Gildner TE, Urlacher SS, Mallot EK, Chaney C, Zhang A, Waimon S, Nemeth KL, Beauregard JA, Shing A, Samsonov A, Pfaff-Nash M, Cepon-Robins TJ. Embodiment, Immunity,

- and Reproductive Outcomes: A Cross-Cultural Analysis of Pregnancy Loss. *American Journal of Human Biology*. (Submitted & Under Review)
- 2025 Nowak M, **Manthey C**, Samau B, Lynn C. Cultural Perceptions of Mental Health in Sāmoa: Exploring Sex Differences and Community Contexts. *American Journal of Human Biology*. (Submitted & Under Review)
- 2025 Lynn C, **Manthey C**, Fonoti D, Sanele L, Samau B. Tattooing as a Gateway to Anthropology. *The Contemporary Pacific*. (Submitted & Under Review)
- 2025 **Manthey C**, Samau B, Savusa K. Indigenous Data Sovereignty and Women's Health: A Collaborative Case Study in Sāmoa's Upolu and Savai'i. *Journal of Sāmoan Studies*. (Accepted)
- 2025 **Manthey C**. Humanizing the Genome: Deep Mapping as a Pedagogical Tool in Migration Studies. *Teaching Anthropology*. (Accepted)
- 2025 **Manthey C**, Lynn CD, Ocobock C, Cepon-Robins TJ, Warrenner A. Age at Menarche and Its Potential Role in Early Detection of Hyperandrogenic Polycystic Ovary Syndrome. *Am J Biol Anthropol*. 186(4):e70046. doi:10.1002/ajpa.70046
- 2024 Lynn C, Nowak T, **Manthey C**, Muehlenbein M. Physiology of Pe'a and Malu: Biocultural Case Studies of the Physiological Response to Sāmoan Tatau. *Pacific Journal of Health*. Vol 7(1). doi: 10.56031/2576-215X.1006
- 2024 **Manthey C**, Super M, Cepon-Robins TJ. Childhood Developmental Environment Affects Adult Intestinal Inflammation Levels: Preliminary Evidence From Older Adults in the United States. *Ann Hum Biol*. 51(1):2427593. doi:10.1080/03014460.2024.2427593
- 2024 Lynn CD, **Manthey C**, Ocobock C. The Value of Publicly Engaged Podcasting in Human Biology. *Am J Hum Biol*. 36(9):e24105. doi:10.1002/ajhb.24105
- 2024 **Manthey C**, Cepon-Robins T, Warrenner A. Hyperandrogenism Associated with Polycystic Ovary Syndrome May Have a Protective Effect Against Fracture Risk in Female Athletes: A Pilot Study. *Am J Hum Biol*. 36(8):e24070. doi:10.1002/ajhb.24070

PUBLICATIONS IN PREPARATION

- Hazelwood, L, **Manthey C**, Snow M. Indigenous Data Sovereignty in Practice: Applied Research Frameworks for Community-Engaged Anthropology. *American Anthropologist*. (Submission planned for November 2025).
- Manthey C**, Ocobock C, Sievert L, Leonard W, Muehlenbein M. Applied Biocultural Perspectives on PCOS: Life History, Energetics, and Women's Reproductive Health. *Medical Anthropology Quarterly*. (Submission planned for December 2025).
- Manthey C**, Phippasone-Brady N, McKenney K. Stigma, Embodiment, and Reproductive Health: Applied Medical Anthropology Approaches to Polycystic Ovary Syndrome in underserved Communities. *Anthropology & Medicine*. (Submission planned for February 2026).
- Manthey C**, Samau B, Lynn C. Embodied Sovereignty: Fa'a Sāmoa Theory and the Relationship Between Malu Tatau and Fertility. *Medical Anthropology Quarterly (MAQ)*. (Submission planned for May 2026).

PUBLICATIONS (not listed above)

- 2025 **Manthey C**. Embodying Resilience: The *Malu* as a Rite of Passage in Sāmoan Culture. Alliance of Professional Tattooists. Newsletter.
- 2024 **Manthey C**. Women's Health and Tatau Research. Tattooing and Human Nature. Research Blog Contribution.
- 2024 **Manthey C**. Embodying Resilience: The *Malu* as a Rite of Passage in Sāmoan Culture. Alliance of Professional Tattooists. Newsletter.

ACADEMIC POSTERS WITH PUBLISHED ABSTRACTS

- 2026 **Manthey C**, Phippasone-Brady N, McKenney K. Beyond the Clinic: Understanding Stigma and Polycystic Ovary Syndrome (PCOS) Through Applied Medical Anthropology. Submitted to the *Society for Applied Anthropology* annual conference.
- 2026 **Manthey C**, Phippasone-Brady N, McKenney K. Embodiment and Stigmatization: Biocultural Perspectives on PCOS and Women's Health. Submitted to the *Human Biology Association* annual conference.
- 2025 **Manthey C**, Gildner TE, Urlacher SS, Mallott EK, Chaney C, Zhang A, Waimon S, Nemeth KL, Thomas JB, Shing A, Samsonov A, Pfaff-Nash M, Cepon-Robins TJ. 2025. The Rural Embodiment and Community Health Project: Link Between Lifelong Immune Dysregulation and Pregnancy Loss. *American Association of Biological Anthropologists*. Baltimore, Maryland.
- 2025 Snow M, Searcy M, Bolhm T, Jensen S, **Manthey C**. Unraveling Population Histories: Mitochondrial DNA Analysis in the Casas Grandes Region of Mexico. *American Association of Biological Anthropologists*. Baltimore, Maryland.
- 2025 Novak M, **Manthey C**, Koncan C, Nowak T, Samau B, Muehlenbein M, Lynn C. Inking of Immunity: Community Perceptions and Cultural Identity in Upolu, Sāmoa. *Human Biology Association Conference*. Baltimore, Maryland.
- 2025 Lynn CD, **Manthey C**, Koncan C, Samau B, Nowak T, Muehlenbein M. Perceived Vulnerability to Disease and Biomarkers of Inflammation and Stress: Inking of Immunity in the Sāmoan Islands. *American Association of Biological Anthropologists*. Baltimore, Maryland.
- 2024 **Manthey C**, Cepon-Robins TJ, Warrenner, AG. 2024. Investigating the Relationship Between Early Puberty and Polycystic Ovary Syndrome: Implications of PCOS on Recalled Menarche Timing. *Androgen Excess & PCOS Society* annual conference. Remote.
- 2024 Lynn C, Sanele F, **Manthey C**, Muehlenbein M. 2024. Inking of Immunity: Tattoos as Sexy or Indications of Service in Sāmoa and American Sāmoa. The *Mid-Atlantic Popular & American Culture Association* annual conference. Remote.
- 2024 **Manthey C**, Cepon-Robins TJ, Warrenner, AG. 2024. Early Puberty and Polycystic Ovary Syndrome (PCOS): Preliminary Investigation Suggesting Females Affected by PCOS May Experience Menarche One Year Earlier than Unaffected Individuals. *Human Biology Association* annual conference. Los Angeles, California.
- 2024 Cepon-Robins TJ, Mallott EK, **Manthey C**, Nemeth KL, Recca IC, Samsonov A, Shing AB, Super M, Thomas JB, Waimon S, Zhang A, Gildner TE. 2024. Rural Embodiment and Community Health (REACH) study: Disparities in Gastrointestinal Health and Inflammation in Older Adults from Three U.S. Samples. *Human Biology Association* annual conference. Los Angeles, California.
- 2022 **Manthey C**, Cepon-Robins TJ. 2022. Polycystic Ovarian Syndrome (PCOS) as an Evolutionary Mismatch Disorder: Preliminary Evidence that PCOS May Reduce Fracture Risk Among Female CrossFit Athletes. *American Association of Biological Anthropologists*. Denver, Colorado.
- 2022 **Manthey C**, Cepon-Robins TJ, Gildner TE. 2022. Point of Care Device Testing: An Examination of Intestinal Inflammation Diversity Amongst Males and Females. *Human Biology Association* annual conference. Denver, Colorado.
- 2022 Gildner TE, **Manthey C**, Weaver S, Zhang A, Deleger J, Cepon-Robins TJ. 2022. Point-of-Care Testing Applications in the Measurements of Intestinal Inflammation. *Human Biology Association* annual conference. Denver, Colorado.
- 2021 **Manthey C**, Cepon-Robins TJ. Testing the Hygiene Hypothesis Among Older Adults Residing in the United States. *Human Biology Association* annual conference. Remote.
- 2021 **Manthey C**, Warrenner AG. Polycystic Ovarian Syndrome (PCOS) as an Evolutionary Mismatch Disorder: An Argument for the Significance of Hyperandrogenism on Reproductive Fitness in Ancestral Populations. *Society for Evolution, Medication, and Public Health* annual conference. Remote.

INVITED TALKS

- 2025 Public Engaged Scholarship in Academia. Workshop for the University of Montana. Missoula, Montana. (scheduled November 12, 2025)
- 2025 Applied Medical Anthropology and Women's Health: Rethinking PCOS in Cultural and Biocultural Context. University of Toronto. Remote.
- 2025 Polycystic Ovary Syndrome from an Applied Medical Lens. PCOS Tour: Understand Polycystic Ovary Syndrome, Diagnosis, and Treatment. The University of Colorado Anschutz Medical Campus. Aurora, Colorado.
- 2025 Polycystic Ovary Syndrome in a Biocultural Context: A Look at Reproductive Health and Cultural Identity in Sāmoa. The University of Colorado Colorado Springs. Colorado Springs, Colorado.
- 2025 Culture, Biology, and Women's Health: Rethinking Polycystic Ovary Syndrome in Biocultural Context. Montana Anthropology Student Association. Missoula, Montana.
- 2024 The Old Friends Hypothesis and Healthy Aging: Childhood Environment Affects Intestinal Inflammation Levels in Older Adults. Age Friendly University Launch Invited "EN-Lightning Talk" at the University of Colorado Colorado Springs. October 1, 2024. Colorado Springs, Colorado. Co-Author.
- 2024 PCOS and Stigmatization. National Polycystic Ovary Syndrome Association: The State of Research. September 27, 2024. Remote.
- 2024 Hyperandrogenism Associated with Polycystic Ovary Syndrome May Have a Protective Effect Against Fracture Risk in Female Athletes: A Pilot Study. Lambda Alpha Research Conference at the University of Montana. September 20, 2024. Missoula, Montana.
- 2024 Beyond Fertility: The Multifaceted Health Implications of Polycystic Ovary Syndrome. National University of Sāmoa Seminar Series. May 23, 2024. Apia, Sāmoa.
- 2024 Make No Bones About It: Preliminary Evidence that Polycystic Ovary Syndrome (PCOS) is an Evolutionary Mismatch Disease that May Have Benefitted Bone Health in Ancestral Populations. The American Association for Biological Anthropologists 2024 conference podium presentation. Los Angeles, California.
- 2023 The Importance of Diversity in Lived Experiences. The Preeclampsia Foundation Annual MoMMA's Voices Summit. November 5, 2023. Orlando, Florida.
- 2023 The Importance of Diversity in Lived Experiences: A Cultural Look at Medicine. The Preeclampsia Foundation Annual MoMMA's Voices Summit. November 5, 2023. Orlando, Florida.
- 2023 The 'Applied' in Applied Medical Anthropology. The National Polycystic Ovary Syndrome Association. January 12, 2023. Remote.
- 2022 Pregnancy and Skeletal Systems: Why Pregnancy Accommodations are Necessary. Department of Human and Safety Resources, Wilson Logistics. September 2, 2022. Seattle, Washington.
- 2022 Corporate Anthropology and Considerations for Pregnant People. Department of Human and Safety Resources, Wilson Logistics. May 24, 2022. Remote.
- 2021 Graduate School: Things to Know. Guest speaker at the Graduate School Q & A Seminar, Department of Anthropology, The University of Colorado Colorado Springs. Colorado Springs, Colorado.

PRESS

- 2025 Human Biology Association Student Webinar Series Host. 20 Episodes (17,000 views). Remote.
- 2024 Courtney Manthey Educates Us About PCOS and Evolutionary Mismatches. The Sausage of Science Podcast. Virtual. Episode 227.
- 2021 SIRIUSXM Radio: Women in Trucking and The State of Research. Sirius XM Talk Show. May 9, 2021. Virtual. Women in Trucking

- 2021 Applied Medical Anthropology in Long-Haul Trucking. The Truck Boss Show: Season 4 Episode 16. Aired April 22, 2021. Remote.
- 2020 Pregnancy and Long-Haul Trucking: Lived Experiences. www.TruckNews.com, article published December 8, 2020 by Adbul Latheef. Remote.
- 2020 The Impacts of Long-Haul Trucking on Women. Fleet Article Magazine, article published on December 1, 2020 by Cristina Commendatore. Remote.

AWARDS & SCHOLARSHIPS

- 2025 **Bertha Morton Scholarship (\$3,000)**
University of Montana
- 2020 **Chancellor's Fellowship (\$2,500)**
University of Colorado Denver
- 2019 **Chancellor's Fellowship (\$2,500)**
University of Colorado Denver
- 2018 **Most Outstanding Anthropology Undergraduate**
University of Colorado Colorado Springs
- 2018 **Highest Thesis Honors**
University of Colorado Colorado Springs

MEMBERSHIPS AND AFFILIATIONS

- 2025-Present Society for Applied Anthropology (SfAA)
- 2021-Present Society for Medical Anthropology
- 2021-Present Colorado Public Health Association
- 2020-Present American Anthropological Association (AAA)
- 2020-Present National Polycystic Ovary Syndrome Association
- 2020-Present Androgen Excess and PCOS Society
- 2019-Present American Association of Biological Anthropologists (AABA)
- 2018-Present Human Biology Association (HBA)

PROFESSIONAL SERVICE

- Sept 2025 Peer Reviewer, *Scientific Reports*
- Sept 2025 Peer Reviewer, *Archives of Women's Health*
- 2025-Present Editor of *RISE Magazine*, *Colorado Public Health Association*
- 2025-Present Medical Anthropology Mentor, *University of Colorado Denver*
- 2025-Present Community Engagement in Research Committee, *Human Biology Association*
- 2025-Present Advisory Board, Preeclampsia Foundation
- 2025-Present Elected Student Committee Member, *American Association of Anthropologists*
- 2024-Present Executive Committee Student Chair, *Human Biology Association*
- 2023-Present Junior Service Fellow, *Human Biology Association*
- 2023-Present Sausage of Science Podcast Co-Host (22 episodes hosted)
- 2023-Present Certified Patient Family Partner (Lived Experience Expert), MoMMA's Voices
- 2023-Present Advisory Board, PCOS Multidisciplinary Clinic Anschutz Medical Campus
- 2022 Session Chair: Birth and Breastfeeding, *American Association of Biological Anthropologists* annual conference
- 2020-Present Research Committee, National Polycystic Ovary Syndrome Association
- 2020-Present Pro Bono Childbirth Doula (adolescent and LGBTQIA+ communities)

CERTIFICATIONS AND RELEVANT TRAINING

- 2025 Pacific Studies (Sāmoan Language) Certificate, *University of Hawai'i West Oahu* (in progress)
- 2024 Lived Experience Expert Certification, *The Preeclampsia Foundation: MoMMA's Voices*
- 2024 Indigenous Data Sovereignty Certification, *The University of Hawai'i at Mānoa*
- 2023 Veteran Educators and Training Support (VETS) Certification, *The University of Colorado Colorado Springs*