Tian Walker, MS

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# EDUCATION

## 2026 PhD, University of Oregon (UO)

## Biological Medical Anthropology

# 2025 Data Science Certificate (UO)

# 2025 Statistics Certificate (UO)

## 2021 MS, University of Oregon (UO)

Biocultural Medical Anthropology

2018 **BA, California State University, Long Beach (CSULB)**

Applied Anthropology

# RESEARCH INTERESTS

Statistics; Research Methods; Mental Health; Chronic Disease; Stress; Health Disparities among vulnerable populations; Type 1 Diabetes; Metabolic Health; Minimally Invasive Biomarkers; Microbiome; Stigma; Social Determinants of Health; Global Health; Autoimmune Disease; Biocultural Anthropology; Medical Anthropology; Applied Anthropology; Nutrition and Food Security; BP and Cardiovascular Health

# RESEARCH SUPPORT, FELLOWSHIPS, & AWARDS

# 2023 Anthropology Health Education Award

# 2022 Anthropology Department McFee Award

# 2018 First-Year Fellowship, University of Oregon

# 2018 Achievement in Anthropological Research Award, CSULB

# 2018 Award for Academic Excellence in Anthropology, CSULB

# 2016-2018 Fellowship, Building Infrastructure Leading to Diversity Scholar ,

# (BUILD): Competitive NIH-funded research program providing undergraduates formative training, mentorship, and scholarship-funding to facilitate their successful pursuit of a PhD.

# CERTIFICATES

# 2017-current CITI Human Subjects Research Certificate

# 2019 Diabetes Community Care Coordinator

# American Association of Diabetes Care and Education Specialists

# *updated 30 hour online training to prepare for providing diabetes care*

# 2019 Blood Borne Pathogens

# 2018, 2019 HIPAA

# 2018 Level III Paraprofessional Diabetes Educator

# American Association of Diabetes Care and Education Specialists

# *30 hour online training to prepare for providing diabetes care*

# PUBLICATIONS

## Peer-Reviewed Manuscripts

2024 Wisniewski A, DeLouize A, **Walker T**, Chatterji S, Naidoo N, Kowal P, & Snodgrass JJ. Sustained metabolic dysregulation and the emergence of diabetes: Associations between HbA1c and metabolic syndrome components in Tunisian diabetic and nondiabetic groups. (under review at Journal of Physiological Anthropology)

2024 DuBois LZ, Puckett JA, Jolly D, Powers S, **Walker T**, Hope DA, Mocarski R, Huit TZ, Lash BR, Holt N, Ralston A. Gender minority stress and diurnal cortisol profiles among transgender and gender diverse people in the United States. Hormones and Behavior. 2024 Mar 1;159:105473.

2024 DuBois, L. Z., Puckett, J. A., SturtzSreetharan, C., Jolly, D., Lash, B. R., Huit, T. Z., Holt, N., Ralston, A., Hope, D. A., Mocarski, R., **Walker, T.**, Miles, M., Volk, S., Capannola, A., Tipton, C., & Juster, R.-P. (2024). Mental health, coping, and resilience among transgender and gender diverse people during the 2020 U.S. presidential election. *Psychology of Sexual Orientation and Gender Diversity.* Advance online publication.

2024Puckett JA, Huit TZ, Hope DA, Mocarski R, Lash BR, **Walker T**, Holt N, Ralston A, Miles M, Capannola A, Tipton C. Transgender and Gender-Diverse People's Experiences of Minority Stress, Mental Health, and Resilience in Relation to Perceptions of Sociopolitical Contexts. Transgender Health. 2024 Feb 1;9(1):14-23.

2023DuBois LZ, Puckett JA, Price SF, Kuehn K, Lash B, **Walker T**, Holt NR, Allura L R, Huit TZ, Miles M, Volk S. The impact of sociopolitical events on transgender people in the US. Bulletin of Applied Transgender Studies. 2023 Jun 30;2(1-2):1-26

## In Preparation Manuscripts

**Walker, T.,** DeLoiuze, A., Snodgrass, JJ., (in preparation). Examining Inflammation and Diabetes among Older Adults in China and Mexico

# PROGRAM MANAGEMENT

# 2019-current Buddies Empower Teach and Achieve (BETA) Program

# *Collaborated in conceptualization and creation of peer mentorship program for people living with type 1 diabetes. Tasks included selecting scales for program evaluation, training mentors in diabetes education, pairing mentees and mentors, and onboarding interns to help run the program*

2023-current **C**linical **A**ccess to **R**esources and **E**ducation (CARE)

*Assist in helping people in the Eugene community access diabetes medication and education when they are unable to afford the cost of these needed components of diabetes care and management.*

2020 Type 1 Diabetes Art Connections

*Created an ran this program during the covid lockdown: art projects were mailed to participants free of charge and worked on the art together over zoom*

# PRESENTATIONS AND TALKS

## Conference Presentations

## 2024 Walker T, Weston S.

## The “Expert Patient” Experience of People Living with Type 1 Diabetes. Oral presentation at the Society for Applied Anthropology, Santa Fe, New Mexico

## 2023 Walker T, Weston S.

## Daily Symptom Experience of Life with Type 1 Diabetes.

## Society for Applied Anthropology, Cincinnati, Ohio

## 2023 Walker T, DeLouize A, Jolly D, Kuehn K, Snodgrass JJ.

## An Evolutionary Framework for Type 1 Diabetes. Poster presentation at the Human Biological Association, Reno, Nevada

## 2023 McDowell Z,Walker T, DeLouize A, Snodgrass JJ.

Evaluating the burden of caregiving on diabetes management in the Study on global AGEing and adult health (SAGE). Poster presentation at the Human Biological Association, Reno, Nevada

2023 Wisniewski A, DeLouize A, **Walker T**, Chatterji S, Naidoo N, Kowal P, & Snodgrass JJ. Associations between HbA1c and metabolic syndrome components in Tunisian diabetic and nondiabetic populations. Poster presentation at Human Biological Association, Reno, Nevada

2023 Jolly D, DeLouize A, Kuehn K, **Walker T,** Puckett J, Hope D. A., Mocarski R, Juster R.-P., DuBois L. Z. Gender-minority stress and health among transgender and gender diverse people in the United States. Poster presentation at Human Biological Association, Reno, Nevada

2023 Kuehn K, DeLouize A, **Walker T,** Jolly D, Puckett J, Hope D. A., Mocarski R, Juster R.-P., DuBois L. Z. Successful implementation of inclusive community-based research practices demonstrates enhanced compliance for minimally invasive biomarker data collection in a multi-site, longitudinal study. Oral presentation at Human Biological Association, Reno, Nevada

## 2022 Walker T, DeLouize A, Snodgrass JJ. Diabetes, treatment and chronic inflammation in older adults: Findings from the Study on global AGEing and adult health (SAGE). International Congress of Physiological Anthropology, Eugene, Oregon

## 2022 Walker T, DeLouize A, Snodgrass JJ. Diabetes and chronic inflammation in older adults: Insights from the Study on global AGEing and adult health (SAGE). Association of Pacific Rim Universities, Virtual

## 2022 Wisniewski A, DeLouize A, Walker T, Chatterji S, Naidoo N, Kowal P, and Snodgrass JJ. Associations between HbA1c and metabolic syndrome components in Tunisian diabetic and nondiabetic populations. International Congress of Physiological Anthropology

2019 DuBois, L.Z., Juster, R.P., Gibb, J., **Walker, T.**, Powers, S.I. Key questions and future directions: Integrating biomarkers to understand (trans) gender experience and health disparities. *American Journal of Physical Anthropology* 168, 63-63. Cleveland, OH. Invited Session.

2017 **Walker, T.,** and DuBois, L.Z. Misgendering Experiences of

Transgender Men: Findings from The Transition Experience Study. Oral presentation at the American Anthropology Association Conference, Washington, D.C.

2017 DuBois, L.Z., **Walker, T.,** Guerrero, N., & Schreyer E. Blood Pressure Variability Across Situational Environments Among Transgender Men with Transition-Related Social Stress. Poster presentation at the Human Biological Association, New Orleans, Louisiana.

## Department and Campus Presentations

2022 In Class Talk: Led graduate student training in Zotero reference manager and R statistics software for reference management when writing publications.

University of Oregon, Eugene

## 2022 Graduate Research Forum

## 3 minute-thesis competition

**“**Coping with Discrimination and Stress: Creative Activity and Health Among a Sample of Transgender and Gender Diverse people in the U.S”

2022 Undergraduate Research Symposium: The Prevalence Of Metabolic Syndrome Components And Their Association With Hba1c In Tunisia

2022Undergraduate Research Symposium: Experiences and Health of Transgender and Gender Diverse People of Color During the Black Lives Matter Protests

Alexandra Jagielski\*, Alicia M. DeLouize, **Tian Walker**, Jae Puckett, L. Zachary DuBois

2018 Invited Talk: Led an in-class graduate student training in Dedoose mixed methods software

Monday April 16th, at California State University of Long Beach

2018 Honors Thesis Presentation

Type One Diabetes and Instagram: an exploration of how people living with type one diabetes use Instagram as a resource

2017DuBois,L.Z., Pedro, P.C. & **Walker, T.L**. A Proposal for Mixed Methods Analyses of Transgender Men's Coming Out Experiences. Presentation at the BUILD Summer Symposium, California State University, Long Beach

2017 Dedoose Training for Biocultural Anthropology Research Lab

2017 Mendeley Training for Biocultural Research Lab and Anthropology and students at California State University of Long Beach

2017 *Invited Talk:* assisted in presenting a communication workshop for BUILD scholars at California State University of Long Beach

2017 *Invited Talk:* Co-leading student training in Dedoose mixed method software Friday October 13th, at California State University of Long Beach

2016/2017 **Walker, T.,** Hardy, A., & DuBois, L.Z., Psychosocial Stress

Experience Among Transgender Men: Gender Affirmation and Social-Identity Management Early in Transition. Poster session presented at the BUILD Summer Symposium, Long Beach, CA and presented at the United States Professional Association for Transgender Health, Los Angeles, CA.

2016 *Invited Talk:* Co-led faculty training in Dedoose mixed-method software, at California State University of Long Beach. Friday October 25th

2016 Transcription Training for Biocultural Research Laboratory at California State University of Long Beach.

September 16th and December 2nd

# RESEARCH EXPERIENCE

2022-present **Global Health Biomarker Lab Data Science & Statistics Mentor**

Department of Anthropology

University of Oregon (Director, Dr. Josh Snodgrass)

*Create and lead mini workshops on R and research methods*

*One on one mentoring of undergraduate research assistants in data cleaning, statistics, R, and analysis for publication and presentations*

2024-present **Research Assistant for Houselessness & Health Project**

Collection of minimally invasive biomarkers

*Field research, conducting biomarkers tests in cold weather and managing temperature needs of measurement instruments*

Summer 2022 **World Health Organization** **Research Assistant**

*Data analysis with Study on global AGEing and adult health (SAGE)*

*Mentorship of undergraduate research assistants*

2018-2022 **Research Assistant & Lab Member**

Stress, Adaptation, & Resilience Research Lab, Department of Anthropology, University of Oregon (Director, Dr. DuBois)

*data collection, data management, analysis, dissemination, undergraduate mentorship*

2016-2018 **Lab Manager**

Biocultural Research Lab, CSULB

*Developed and co-facilitated original workshop on Mixed-Methods using Dedoose Software for BUILD students & faculty. Organized schedules and responsibilities for other lab members and co-led lab meetings.*

2016 –2017 **University of California, Los Angeles, Department of Anthropology** **Research Assistant**

Acculturation Study – Mothers’ Cultural Experiences

*data entry, data cleaning, transitioning the survey from paper form to tablet form, and administering the surveys (data collection)*

Summer 2017 **University of South Florida Research Assistant, Department of Anthropology**

Hunger Action Alliance –Health Among Older Adults

*recruit participants in medical clinic waiting room, conduct interviews by asking survey questions as well as a short set of open-ended questions and then transcribing the interviews*.

2015-2016 **Lab Member**

Biocultural Research Lab, CSULB

*analyzing data, preparing poster presentations. Received focused training in diversity, social justice, and leadership skills.*

# TEACHING EXPERIENCE

2024 Undergraduate Teaching Assistant, University of Oregon Courses:, Human Growth and Development[Winter 2024]

2023 Undergraduate Teaching Assistant, University of Oregon Courses: Introduction to Nutritional Anthropology, Human Variation, Evolution of Human Sexuality Introduction to Monkeys and Apes [Spring 2023, Winter 2023, Summer 2023, Fall 2023]

2022 Undergraduate Teaching Assistant, University of Oregon Courses: Introduction to Monkeys and Apes, Animals and People, Race and Society [Spring 2022, Fall 2022, Winter 2022]

2021 Undergraduate Teaching Assistant, University of Oregon Courses: Evolution of Human Sexuality, Introduction to Biological Anthropology, and Introduction to Nutritional Anthropology [Spring 2021, Fall 2021, Winter 2021]

2020 Undergraduate Teaching Assistant, University of Oregon Courses: Animals and People [Fall 2020]

# SERVICE AND OUTREACH

2023-current **Diabetes Community Care Team – President of the Board**

2022-current **Human Biology Association – Junior Service Fellow**

Community Building and Networking Program

Responsibilities: Facilitating networking events and connection between mentors and mentees who are students and faculty at different academic institutions

2019-current **Community Outreach Director**

Diabetes Community Care Team - non-profit clinic and community center, Eugene, OR

*Organize community outreach events and design programs for community engagement*

2019 **Assistant Director**

Diabetes Community Care Team - non-profit pharmacy, charitable pharmacy, clinic and community center, Eugene, OR

*daily clinic needs including reception, provided non-medical problem-solving diabetes education, managed volunteers and interns, wrote grant applications, designed programs, coordinated fundraising events, and built our network in the community by dropping by local doctors’ offices and attending local community events*

2018, 2023 **Steward Graduate Teaching Fellowship Federation**

University of Oregon

*Liaison between students and their needs and the union. Attended meetings and communicated with other anthropology graduate students to make sure they knew about the union and to find out if they needed anything from the union.*

2017 **Event Coordinator**

Anthropology Student Association, California State University of Long Beach

*plan, organize and carry out events for the organization*

# RESEARCH GRANTS

## Contributions to Submitted Grants

Buddies Empower Train and Achieve (BETA) Submitted January 2019

Mentorship Program

Worldwide Education and Research Institute Grant, $3,000

Role: Lead author and co-designer of program. Underneath the supervision of Julie Dewsnup, RPh, DCES, primary author of the grant application.

# PROFESSIONAL MEMBERSHIPS

2022, *current* Society for Applied Anthropology

2022 American Association Biological Anthropology

2016-2018, *current* Human Biological Association

2017-2018 World Professional Association for Transgender Health (WPATH)

2017-2018 American Anthropological Association

2016-2017 Society for the Advancement of Chicanos and Native Americans

in Science Technology and Mathematics