

# Cristina M. Gildee

Pronouns: she/her/hers

Department of Anthropology  
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Seattle, WA 98195  
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## Education

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- Present      Ph.D. Candidate, Biological Anthropology  
University of Washington, Seattle, Washington  
*Thesis: The Cost of Reproduction for Bone Remodeling: Implications for Aging Research*
- 2021          M.A. Biological Anthropology  
University of Washington, Seattle, Washington
- 2019          B.S. Biological Anthropology  
University of Washington, Seattle, Washington  
*Track: Human Evolutionary Biology; Medical Anthropology & Global Health*

## Research Experience

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### ***Predoctoral Research Associate*** (2022-present)

Department of Anthropology, University of Washington, Seattle  
Principal Investigator: Patricia Ann Kramer, Ph.D.

### ***Lead Graduate Research Assistant*** (2022-23)

Sleep and Homelessness Project, University of Washington, Seattle  
Principal Investigators: Horacio de la Iglesia, Ph.D.; Melanie Martin, Ph.D., Zack Almquist, Ph.D.  
Funded through a University of Washington Population Health Initiative Tier 1 Pilot Research Grant: “*Sleep Health in People Experiencing Homelessness*”

### ***Graduate Research Assistant*** (2021-22)

Department of Orthopaedics and Sports Medicine, University of Washington, Seattle  
Principal Investigator: Patricia Ann Kramer, Ph.D.  
Funded through a Jerome H. Debs II Endowed Chair Fellowship

### ***Graduate Research Assistant*** (2019-21)

Primate Evolutionary Biomechanics Laboratory (PEBL), University of Washington, Seattle  
Principal Investigator: Patricia Ann Kramer, Ph.D.  
Funded, in part, through an Office of Graduate Student Equity & Excellence (GSEE) Fellowship

**Undergraduate Research Assistant (2018-19)**

Primate Evolutionary Biomechanics Laboratory (PEBL), University of Washington, Seattle  
Principal Investigator: Patricia Ann Kramer, Ph.D.

**Undergraduate Research Assistant (2018-19)**

Harborview Foot and Ankle Clinic, University of Washington Medical Center, Seattle  
Principal Investigator: Patricia Ann Kramer, Ph.D.  
Supervisor: Kalyani Rajopadhye, P.T., M.H.S., O.C.S.

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**Teaching Experience**

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**Teaching Associate – BIOL 310: Survey of Human Anatomy**

Instructor: Dr. Casey Self

University of Washington, Seattle, Autumn Quarter, 2022

*Responsibilities: Design and facilitate weekly lab-based teaching sessions; develop lab-based assignments and exam questions for an undergraduate-level course. ~40 students.*

**Teaching Assistant – BIO A 201: Principles of Biological Anthropology**

Instructor: Dr. Andrea Duncan

University of Washington, Seattle, Autumn Quarter, 2021

*Responsibilities: Design and facilitate weekly lab-based teaching sessions; develop lab-based assignments and exam questions for an undergraduate-level course. ~100 students.*

**Teaching Assistant – BIO A 355/BIOL 385: Evolutionary Medicine and Public Health**

Instructor: Dr. Dan T.A. Eisenberg

University of Washington, Seattle, Spring Quarter, 2021

*Responsibilities: Facilitate weekly reading group discussion sessions online; assist in developing exam questions for an undergraduate-level course. ~100 students.*

**Teaching Assistant – BIO A 344: Applied Biomechanics of Human Movement**

Instructor: Dr. Patricia Ann Kramer

University of Washington, Seattle, Winter Quarter, 2021

*Responsibilities: Facilitate weekly lab-based teaching sessions online; review lab-based assignments and exam questions for an undergraduate-level course. ~30 students.*

**Teaching Assistant – BIO A 454/455: Laboratory Methods in Hormones and Behavior**

Instructor: Dr. Melanie Martin

University of Washington, Seattle, Autumn Quarter, 2020

*Responsibilities: Facilitate weekly lab-based teaching sessions online; review lab-based assignments and exam questions for an undergraduate-level course. ~30 students.*

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**Research Presentations**

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**Gildee, C.M.,** Kramer, P.A. (2024). *'Association between parity and bone mineral density in NHANES'* Flash Talk at the Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, California.

**Gildee, C.M.,** Kramer, P.A. (2024). *'Differences in regional bone mineral density with age in NHANES'* Podium Presentation at the Annual Meeting of the Human Biology Association, Los Angeles, California.

**Gildee, C.M.,** Martin, M.A., Tennyson, R.L., Brindle, E., Pan, T.D. (2023). *'Does pre-analytical variation in dried blood spot collection impact C-reactive protein measurement?'* Poster presentation at the Human Biology Association Annual Meeting, Reno, Nevada.

**Gildee, C.M.,** Ochoa, M., Zaehring, H., Feuerriegel, E.M., and Kramer, P.A. (2020). *'Ankle kinematics during bipedal incline walking with burden'* Accepted presentation at the Annual Meeting of the American Association of Physical Anthropologists, Los Angeles, California.  
*\*Meeting Cancelled*

**Gildee, C.M.,** Feuerriegel, E.M., Rajopadhye, K., Kramer, P.A. (2019). *'Reliability of Goniometer Measurements to Determine Ankle Dorsiflexion: Implications for Assessment of Gastrocnemius Equinus'* Poster presentation at Annual American Association of Physical Anthropologists Meeting, Cleveland, Ohio.

## **Research Awards**

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**Pre-dissertation Pilot Research Award** (2021-22) \$3,428  
'A Variable Terrain Treadmill: Development and Validation'  
Department of Anthropology, University of Washington

**Student Technology Award** (2021) \$9,144  
'Primate Evolutionary Biomechanics Lab Computing Refresh'  
Student Technology Fund, University of Washington, Seattle  
*Technology grant to fund the purchase of a high-powered remote computing workstation to increase accessibility during COVID campus closure and support the research needs of the students in the Department of Anthropology*

**Student Technology Award** (2019) \$29,044  
'Updating and Expanding 3D Scanning and Printing Capabilities for the Department of Anthropology'  
Student Technology Fund, University of Washington, Seattle  
*Technology grant to fund the purchase of a 3D scanner and 3D printer to support the research needs of the students in the Department of Anthropology*

## **Fellowships**

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*Ongoing*

**Pre-Doctoral Traineeship - NIH/NIA T32 AG066574** (2023-present) \$38,662

Biological Mechanisms of Healthy Aging Program  
Department of Pathology, University of Washington  
*Annual stipend and partial tuition*

**Predocutorial Training Fellowship** (2023-present) \$17,547

Jerome H. Debs II Endowed Chair in Orthopaedic Traumatology  
Department of Orthopaedics, University of Washington  
*Annual stipend and tuition support for NIH/NIA T32 AG066574*

*Past*

**Graduate Student Equity and Excellence (GSEE) Fellowship** (2019-20) \$21,492

University of Washington, Seattle  
*Competitive fellowship (annual stipend and tuition waiver) to increase the participation of historically underrepresented groups in graduate-level education*

**Honors and Awards**

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**Graduate and Professional Student Senate Travel Award** (2022) \$300

Graduate and Professional Student Senate, University of Washington, Seattle

**Provost's Ph.D. Fellowship Grant** (2020-21) \$10,000

University of Washington, Seattle  
*Stipend to support summer research over two years*

**Eck Student Support Grant** (2019) \$442

Department of Anthropology, University of Washington, Seattle

**Committee on Diversity Undergraduate Research Symposium Travel Award** (2019) \$250

American Association of Physical Anthropologists

**Academic Excellence Award** (2018-19) \$4,000

University of Washington, Seattle

**Mentorship**

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Hannah Hinton – B.S., University of Washington, *Human Evolutionary Biology; Medical Anthropology and Global Health*

- Hinton, H., **Gildee, C.**, Rice, A., Almquist, Z., Hagopian, A., de la Iglesia, H., Martin, M. (2024). 'Health markers among people experiencing homelessness' Poster Presentation at the Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, California.
- Hinton, H., **Gildee, C.**, Garcia, A., Trumble, B., Gurven, M., Martin, M. (2023). 'Tsimane Fecal Neopterin Levels Decline During Infancy' Poster presentation at the

- Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, California.
- Hinton, H., **Gildee, C.**, Garcia, A., Trumble, B., Gurven, M., Martin, M. (2023). 'Tsimane Fecal Neopterin Levels Decline During Infancy' Poster presentation at Mary Gates Undergraduate Research Symposium, University of Washington, Seattle, Washington.

## **Service Work**

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Graduate Student Representative  
Department of Anthropology, University of Washington  
*Biological Anthropology Representative (2024-Present)*

Biological Anthropology Tenure-Track Faculty Search Committee  
Department of Anthropology, University of Washington  
*Graduate Student Member (2023-2024)*

The Sausage of Science Podcast  
Human Biology Association  
*Co-Producer and Human Biology Association Public Relations Committee Junior Service Fellow (2022-Present)*

Diversity Committee  
Department of Anthropology, University of Washington  
*Graduate Student Member; Biological Anthropology Representative (2021-Present)*

Transfer Student Event  
University of Washington  
*Graduate Student Guide, (September 2021)*

Human Biology of Stress and Sports Research Team (HBSS)  
*Graduate Student Mentor (2020-present)*

Harborview Foot and Ankle Clinic, University of Washington Medical Center  
*Volunteer Researcher*  
*Supervisor/Trainer: Kalyani Rajopadhye PT, M.H.S., O.C.S. (Autumn 2018)*

## **Languages**

English  
Spanish (*non-fluent*)  
German (*non-fluent*)

## **Memberships**

American Association of Biological Anthropologists (AABA)  
Human Biology Association (HBA)  
American Anthropological Association (AAA)

American Aging Association (AGE)

Association for Feminist Anthropology

Association of Black Anthropologists

Associated Students of the University of Washington (ASUW)

International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (UAW Local 4121)