

# Cristina M. Gildee

*Pronouns: she/her*

Department of Anthropology

University of Washington

Seattle, WA 98195

Email: [cgildee@uw.edu](mailto:cgildee@uw.edu)

## Education

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- Present      Ph.D. Candidate, Biological Anthropology – *Degree expected June 2025*  
University of Washington, Seattle, Washington  
Thesis: *The Cost of Reproduction for Bone Remodeling: Implications for Aging Research*  
Committee Members: Dr. Patricia Ann Kramer, Dr. Melanie Martin, Dr. Dan T.A. Eisenberg
- 2021          M.A. Biological Anthropology  
University of Washington, Seattle, Washington
- 2019          B.S. Biological Anthropology  
University of Washington, Seattle, Washington

## Research Positions

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### ***Pre-doctoral Research Associate*** (2022-present)

Department of Anthropology, University of Washington, Seattle

Principal Investigator: Patricia Ann Kramer, Ph.D.

Funded through NIH/NIA T32 Training Grant (AG066574) and Jerome H. Debs II Endowed Chair Fellowship

### ***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 the 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 the 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 the 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.

## **Publications**

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### ***In preparation and under review***

\* = undergraduate mentee co-author

**Gildee CM, Kramer PA** (*under review*). 'Association between parity and bone mineral density in the National Health and Examination Survey.' American Journal of Human Biology.

Rice A, Casiraghi LP, **Gildee CM**, Almquist ZW, Hagopian A, Martin MA, de la Iglesia HO. (*under review*). 'Sleep in People Experiencing Homelessness Under Different Conditions and Seasons.' Science

**Gildee CM, Kramer PA.** (*in preparation*). 'Variation in bone mineral density with age: insights from the National Health and Examination Survey.'

\*Hinton HM, **Gildee CM**, Martin MA. (*in preparation*). 'Fecal neopterin levels during infancy and their association with growth.'

Tennyson RL, \*Nanda AN, **Gildee CM**, \*Rainsberger K., Eisenberg DTA. (*in preparation*). Physical activity moderates the association between childhood psychosocial stress and adult telomere length in a sample of NCAA student-athletes and non-athlete college students.

Preregistration and results: <https://osf.io/s2cuuj/>

## **Research Presentations**

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\* = undergraduate mentee co-author

**Gildee CM, Kramer PA** (2024). 'Association between parity and bone mineral density in NHANES' Flash Talk at the Annual Meeting of the Human Biology Association, Los Angeles, California.

**Gildee CM, Kramer PA (2024).** *'Differences in regional bone mineral density with age in NHANES'* Podium Presentation at the Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, California.

\*Hinton H, **Gildee CM**, Rice A, Almquist Z, Hagopian A, de la Iglesia H, Martin MA. (2024). *'Health markers among people experiencing homelessness'* Poster Presentation at the Annual Meeting of the American Association of Biological Anthropologists, Los Angeles, California.

**Gildee CM**, Martin MA, Tennyson RL, Brindle E, Pan TD. (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.

\*Hinton H, **Gildee CM**, Garcia A, Trumble B, Gurven M, Martin MA. (2023). *'Tsimane Fecal Neopterin Levels Decline During Infancy'* Poster presentation at the Annual Meeting of the American Association of Biological Anthropologists, Reno, Nevada.

**Gildee CM**, Hammerberg AG, Kramer PA. (2022). *'Ground reaction force and contact time improve energetic expenditure prediction'* Poster presentation at the Annual Meeting of the American Association of Biological Anthropologists, Denver, Colorado.

**Gildee CM**, Ochoa M, Zaehring H, Feuerriegel EM, and Kramer PA (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 CM**, Feuerriegel EM, Rajopadhye K, Kramer PA (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.

## **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.*

## **Fellowships**

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### *Ongoing*

**Pre-Doctoral Traineeship - NIH/NIA T32 AG066574 (2023-present)**

Biological Mechanisms of Healthy Aging Program

Department of Pathology, University of Washington

*Annual stipend and partial tuition*

**Pre-Doctoral Training Fellowship (2023-present)**

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)**

University of Washington, Seattle

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

## **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*

## **Honors and Awards**

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**Graduate and Professional Student Senate Travel Award** (2023) \$300

Graduate and Professional Student Senate, University of Washington, Seattle

**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 M. Hinton – B.S., University of Washington, 2024

## **Service Work**

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Graduate Student Representative for the Department

Department of Anthropology, University of Washington

***Biological Anthropology Sub-Discipline Student 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

Cristina Gildee, Department of Anthropology, University of Washington

***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 P.T., 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)