

# Makenna B. Lenover

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## Education

**In Progress** Ph.D., *Pennsylvania State University*, State College, PA  
Anthropology, Advisor: Mary K. Shenk  
MPH., *Pennsylvania State University Medical School*, Hershey, PA  
Public Health Sciences

**2019** B.A., *Bryn Mawr College*, Bryn Mawr, PA  
Major: Anthropology; Minor: Biology; *Magna cum laude*; *Anthropology Honors*  
Thesis title: *Determining juvenile stature estimates through epiphyseal fusion and long bone length: a growth and development approach*

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## Teaching Experience

**2022-Present Instructor**, *Anthropology*, Pennsylvania State University, State College, PA

- Anthropology 210N: Ancestry, Anthropology, and Me (Fall 2022)

**2019-2022 Teaching Assistant**, *Anthropology*, Pennsylvania State University, State College, PA

- Anthropology 022: Humans as Primates (Fall 2019)
- Anthropology 216: Sex and Evolution (Spring 2021)
- Anthropology 009: Rise of Old World Civilization (Fall 2021)
- Anthropology 022: Humans as Primates (Spring 2022)
- Anthropology 210N: Ancestry, Anthropology, and Me (Summer 2022)

**2018** **Teaching Assistant**, *Anthropology*, Bryn Mawr College, Bryn Mawr, PA

- Anthropology 101: Introduction to Biological Anthropology and Archaeology (Fall 2018)

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## Work Experience

**2020** **Research Assistant**, *Richtsmeier Lab*, Pennsylvania State University, State College, PA

**2018** **Research Assistant**, *Anthropology*, Pennsylvania State University, State College, PA

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## Professional Societies and Activities

**Member** American Association of Physical Anthropology (2018-Present)  
Human Biology Association (2021-Present)  
International Society for Evolution, Medicine & Public Health (2021-Present)  
American Association of Anthropology (2019-2020)  
American Association of the Advancement of Sciences (2019-2020)

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## Peer-Reviewed Publications

1. **Lenover, M.B.** & Shenk, M.K. (In Prep). Evolutionary Medicine Approaches to Chronic Disease: The Case of Irritable Bowel Syndrome. **Evolutionary Anthropology**.

2. **Lenover, M** & Šešelj, M. (In Prep) Improving subadult stature estimates through epiphyseal fusion and long bone length: a growth and development approach. **American Journal of Biological Anthropology**
3. **Lenover, M. B.** & Šešelj, M. Variation in the fusion sequence of primary and secondary ossification centers in the human skeleton. **American Journal of Biological Anthropology** 170(3): 373– 392.

### Published Abstracts, Posters, Posters, and Proceedings

1. **Lenover, M.B.** & Shenk, M.K. (2022) Evolutionary medicine perspectives on irritable bowel syndrome and future directions. Podium Presentation at the 45<sup>th</sup> Annual Meetings of the Human Biology Association.
2. **Lenover, M. B.** & Šešelj, M. (2021) Improving juvenile stature estimates through epiphyseal fusion and long bone length: a growth and development approach. Podium presentation in the Throwback Program of the 90<sup>th</sup> Annual American Association of Physical Anthropologists (Virtual) <https://doi.org/10.1002/ajpa.24262>
3. Gancz, A. & **Lenover, M. B.** (2021) Adaptive Utilization of Digital Forums for Bioanthropological Outreach. Poster presentation at the 90<sup>th</sup> Annual American Association of Physical Anthropologists (Virtual). <https://doi.org/10.1002/ajpa.24262>
4. **Lenover, M. B.** & Šešelj, M. (2020) Analyzing population variation in the fusion sequence of primary and secondary ossification centers in the human skeleton. Poster presentation at the 88<sup>th</sup> Annual American Association of Physical Anthropologist, Cleveland, OH. *Abstract published in American Journal of Physical Anthropology* 168(S68): 141.

### Professional Development

2019 ONLINE LEARNING 2000: Essentials of Online Teaching, Student, Pennsylvania State University

### Research Grants

2022 NSF Research Experience for Graduates Supplement (\$6,000)  
Penn State Anthropology Hill Fellowship Training Award (\$2,000)

2020 NASA Pennsylvania Space Grant Consortium Graduate Student Fellowship (\$5,000)

2018 Women in Science Research Fellowship (\$5,000). Frances Velay Organization, *Analyzing population variation in the fusion sequence of primary and secondary ossification centers in the human skeleton*

### Awards and Honors

2020 Honorable Mention, Graduate Research Fellowship, NSF

2019 Frederica de Laguna Award, Bryn Mawr College

2019 McPherson Fund for Excellence Award, Bryn Mawr College

### Academic Service, Science Communication, and Outreach

**2022-** Fundraising Head, Anthropology Student Graduate Association, Pennsylvania State University

**2020-2022** Colloquium Committee, Department of Anthropology, Pennsylvania State University

**2020-** Graduate-Undergraduate Mentorship Program, Department of Anthropology, Pennsylvania State University

- 2019 -** Outreach Committee, Anthropology Graduate Student Association,  
Pennsylvania State University
- 2019 -** Volunteer, Skype a Scientist
- 2020-2021** Richtsmeier Lab Website Communications
- 2018-2019** Anthropology Department Major Representative, Bryn Mawr College

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## Additional Skills & Experience

<b>Programs</b>	<i>R Studio, Matlab, Fordisc, Adobe Suite Microsoft Suite, Avizo, ImageJ, Paraview</i>
<b>Coding Languages</b>	<i>R, CSS, Java, HTML, JSON, C++</i>
<b>Laboratory Skills</b>	<i>Human Gross Anatomy Cadaver Dissection</i>