

# Samantha Gogol

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## Education

Anticipated 2026	<b>Doctor of Philosophy in Anthropology</b> , University of Minnesota- Twin Cities, MN <i>Identifying Carnivore Bone Modifications Using 3D Morphometrics and Machine Learning: Implications for Hominin Scavenging at Dmanisi.</i> Advisor: Martha Tappen, PhD   Committee: PhDs Kieran McNulty (Chair), Gilliane Monnier, Raymond Rogers
2017-2020	<b>Master of Arts in Anthropology</b> , University of Minnesota- Twin Cities, MN Advisor: Martha Tappen, PhD
2013-2016	<b>Bachelor of Arts in Anthropology</b> , Ohio University, OH Minors in Mathematics and Paleontology   Advisors: Sabrina Curran, PhD; Paul Patton, PhD

## Professional Appointments

2025	<b>Graduate Research Assistant   Department of Anthropology   University of Minnesota</b> <i>Supervisor: Martha Tappen</i>
2023-2025	<b>Graduate Instructor   Department of Anthropology   University of Minnesota</b>
2018-2025	<b>Graduate Teaching Assistant   Department of Anthropology   University of Minnesota</b>
2022	<b>Graduate Teaching Assistant   Department of Integrative Biology and Physiology   University of Minnesota</b>
2020, 2023-2024	<b>Graduate Research Assistant   AISOS &amp; LATIS   University of Minnesota</b> <i>Advanced Imaging Service for Objects and Spaces &amp; Liberal Arts Technologies and Innovation Services</i>
2023	<b>Peter Buck Predoctoral Fellow   National Museum of Natural History   Washington DC</b> <i>Fellowship Advisor: Briana Pobiner</i>
2022-2023	<b>Medical Transcriptionist   Department of Rehabilitation Medicine   University of Minnesota</b> <i>Supervisors: Angela Philippus, Kimberly Monden</i>
2015-2016	<b>Research Assistant   Anthropological Sciences Laboratory   Ohio University</b> <i>Pls Sabrina Curran, Paul Patton.</i>

## Publications

2025	Curran SC, Pobiner B, <b>Gogol SE</b> , Croitor R, Drăgușin V, Keevil TL, Pante M, Popescu A, Robinson C, Ungureanu C, Werdelin L, Petculescu A, Terhune C. 2025. Taphonomic analysis of Early Pleistocene fossil localities of the Olteț River Valley, Romania. <i>PaleoAnthropology</i> , Early View. <a href="https://doi.org/10.48738/2026.iss1.3892">doi.org/10.48738/2026.iss1.3892</a>
2025	Curran SC, Drăgușin V, Pobiner B, Pante M, Hellstrom J, Woodhead J, Croitor R, Doboș A, <b>Gogol SE</b> , Ersek V, Keevil TL. 2025. Hominin presence in Eurasia by at least 1.95 million years ago. <i>Nature Communications</i> , 16(836). <a href="https://doi.org/10.1038/s41467-025-56154-9">doi.org/10.1038/s41467-025-56154-9</a>
2018	Yezzi-Woodley K, Tappen M, Coil R, <b>Gogol SE</b> . 2018. Rivers and Bones. <i>Open Rivers: Rethinking Water, Place, and Community</i> , Issue 12. <a href="https://openrivers.umn.edu">openrivers.umn.edu</a>

## Awards

2023	Smithsonian Institute Fellowship Program, National Museum of Natural History	\$19300
2021	Anthropology Department Block Grant, University of Minnesota	\$6972
2020	Anthropology Department Block Grant, University of Minnesota	\$3192
2019	Graduate Research Partnership Programs (GRPP), University of Minnesota	\$2900
2018	Anthropology Department Block Grant, University of Minnesota	\$4402
2017-2022	University of Minnesota College of Liberal Arts Fellowship	\$45000

## Field Experience

2019-2022	<b>Taphonomic Research Assistant   Leakey Foundation   Olteț River Valley, Romania</b>
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*Taphonomy and chronology of Pleistocene fossil sites in central Romania. Co-PIs: Curran S, Terhune C, Petculescu A, Robu M, Robinson C.*

- 2021 **Dissertation Data Collection | Known carnivore assemblages (SCSU, UArk, UW–Madison) | USA**  
*Collections: Marie Selvagio, Claire Terhune, Henry Bunn*
- 2019 **Taphonomic Research Assistant | Georgian National Museum | Tbilisi, Georgia**  
*Supervisors: Martha Tappen, Maia Bukhsianidze*
- 2018 **Excavation Instructor | REACHE Paleoanthropology Field School | Rusinga Island, Kenya**  
*Co-PIs: Kieran McNulty, Lauren Michel*
- 2017 **Taphonomic Research Assistant | National Science Foundation | Olteț River Valley, Romania**  
*Collaborative Research: Hominin Dispersal and Paleoenvironmental Dynamics during the Plio-Pleistocene in Western Eurasia (BCS-1636686). Co-PIs: Terhune C, Curran S, Petculescu A, Robu M, Robinson C. Olteț River Valley, Romania.*
- 2016 **Excavator | Department of Anthropology | Ohio University**  
*PI: Joseph Gingerich. Archaic Archaeological Site, Virginia*
- 2014 **Excavator | Department of Anthropology Field School | Ohio University**  
*PI: Paul Patton. Woodland Archaeological Site, Wayne National Forest*

### Teaching Experience

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- 2023-2025 **Graduate Instructor | Department of Anthropology | University of Minnesota**  
Anth 3401/5401 Human Fossil Record  
Anth 1001 Introduction to Human Evolution
- 2018-2025 **Graduate Teaching Assistant | Department of Anthropology | University of Minnesota**  
Anthropology 3402/5402 Zooarchaeology Laboratory  
Anthropology 3401/5401 Human Fossil Record  
Anthropology 1001 Introduction to Human Evolution
- 2022 **Graduate Teaching Assistant | Department of Integrative Biology and Physiology | University of Minnesota**  
Anatomy 5150 Medical Gross Human Anatomy  
Anatomy 6050 Dental Gross Anatomy
- 2019-2022 **Graduate Lab Administrator | Department of Anthropology | University of Minnesota**  
Anthropology 1001 Introduction to Human Evolution
- Sum 2018 **Excavation Instructor | REACHE Paleoanthropology Field School | University of Minnesota**  
*PIs Kieran McNulty and Lauren Michel. Rusinga Island, Kenya.*

### Conference Abstracts & Presentations

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- 2025 Terhune CE, Dragusin V, Pobiner BL, Pante M, Hellstrom J, Woodhead J, Croiter R, Dobos A, **Gogol SE**, Ersek V, Petculescu A, Popescu A, Robinson C, Werdelin L, Curran S. *Cut marks dated to 1.95 Ma from Grăunceanu, Romania. Paleoanthropology: Later Hominin Evolution*. 94th AABA Annual Meeting; 2025 March; Baltimore, MD. Poster Presentation.
- 2025 Curran S, Pobiner BL, **Gogol SE**, Croiter R, Dragusin V, Pante M, Popescu A, Robinson C, Werdelin L, Petculescu A, Terhune CE. *Taphonomy and paleoecology of the 1.95 Ma site of Grăunceanu, Romania. Paleoanthropology: Later Hominin Evolution*. 94th AABA Annual Meeting; 2025 March; Baltimore, MD. Poster Presentation.
- 2021 Porter ST, Cicak T, **Gogol SE**, Jenkins L. *Converting Human Evolution Lab Activities to an Online Format*. 90th AABA Annual Meeting; 2021 Virtual; Poster Presentation.
- 2021 **Panelist**, *Connecting with Youth Scholars in the Era of COVID-19*. 90th AABA Annual Meeting; 2021 Virtual. Panel Discussion.

### Outreach Presentations

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- 2025 Monnier G, Edling M, **Gogol SG**. Minnesota FIRST LEGO League teams for the UNEARTHED archaeology challenge. Minneapolis, Minnesota, United States.

2024 **Gogol SE**, Lama-Luther R. *Bare Your Teeth*. SciPride 2024; Bell Museum of Natural History; 2024 July; Minneapolis, Minnesota, United States.

### Undergraduate Mentorship

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2025 **Undergraduate Capstone Mentorship** | Department of Anthropology | University of Minnesota  
*Devon Ashley, Tarun Balaji*

2024-2025 **Undergraduate Lab & Technical Mentorship** | Department of Anthropology | University of Minnesota  
*3D scanning (Artec Spider II, David SLS-3, Transcan C) and post-processing (Geomagic Design X)*  
*Devon Ashley, Gwyn Bolton, Tarun Balaji, Eliot Ebner, Samuel King, Olivia Meier, Beth Onward, Lucas Przybylski, Reilly Ringness, Natalia Zamorano.*

2024-2025 **Undergraduate Research Project Mentorship** | Department of Anthropology | University of Minnesota  
*Resulting in class essays and presentations*  
*Devon Ashley, Tarun Balaji, Samuel King, Olivia Meier*

### Academic Service

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2025 **Search Committee Graduate Member** | Department of Anthropology | University of Minnesota  
*Tenure Track Biological Paleoanthropologist*

2020-2022 **Anti-Racism Task Force Member** | Department of Anthropology | University of Minnesota

2020-2021 **Biological Subfield Representative** | Department of Anthropology | University of Minnesota  
*Anthropology Graduate Student Organization*

2018-2019 **Biological Anthropology Reading Group Co-Organizer** | Department of Anthropology | University of Minnesota

### Digital Products

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2024 **Gogol SE**, Escudero EV, Brigham J, Buyck D, Porter ST, Cicak T. Visual Heart Laboratories Internal Heart Anatomy Tour. Kuula Virtual Tours; 2024. [kuula.co/post/n1/collection/7Jz0v](https://kuula.co/post/n1/collection/7Jz0v)

2020 **Gogol SE**, Cicak T. Remote Lab Series for Introductory Biological Anthropology Educational Module. Liberal Arts Technologies and Innovation Services (LATIS); 2020. [canvas.umn.edu](https://canvas.umn.edu)

### Research Compliance & Professional Training

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Nov 2022 **Collaborative Institutional Training Initiative (CITI Program)**  
GCP – Social and Behavioral Research Best Practices for Clinical Research (Stage 1; score 100; valid through Nov 2025)  
Human Research: Social/Behavioral or Humanist Investigators and Key Personnel (Stage 1)  
Research Involving Human Subjects (RCR-Basic)  
Biomedical Responsible Conduct of Research (RCR)  
Research, Ethics, and Society (RCR)

2022 **University of Minnesota Graduate School**  
Instructional Design as Transferable Skills Gold Badge

### Technical and Analytical Skills

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#### Programming & Data Analysis

R — independent data analysis, visualization, statistical workflows, and automation  
Python — data cleaning, analysis, and scripting for workflow automation  
SQL — querying relational databases, joins, aggregation, and structured data retrieval  
JavaScript — DOM manipulation, event handling, and asynchronous logic  
HTML — semantic markup, content structure, and website maintenance

#### Data & Reporting Tools

Excel / Google Sheets — conditional logic (IF/THEN), data organization, calculations, and reporting  
Data cleaning, restructuring, and preparation for downstream analysis

**Soft Tissue Dissection and Anatomical Identification**

Human and non-human mammal cadaver dissection; skeletal anatomy and preparation (dissection, maceration)

**3D Digitizing/Microscopy Methods**

Structured-light and laser scanning (Artec Spider II, David SLS-3, Transcan C)

Additional imaging: Non-contact surface profilometry, SEM, RTI, Leica 3D Digitizing Microscope

**Post-Processing, Visualization, and Analysis Software**

Geomagic Design X, Meshlab, Blender, 3D Slicer, Photoshop, Illustrator, R, Python, HTML, Nanovea Mountain Maps