

Samantha Gogol

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Education

Anticipated 2026	Doctor of Philosophy in Anthropology , 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	Master of Arts in Anthropology , University of Minnesota- Twin Cities, MN Advisor: Martha Tappen, PhD
2013-2016	Bachelor of Arts in Anthropology , Ohio University, OH Minors in Mathematics and Paleontology Advisors: Sabrina Curran, PhD; Paul Patton, PhD

Professional Appointments

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

Publications

2025	Curran SC, Pobiner B, Gogol SE , 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. doi.org/10.48738/2026.iss1.3892
2025	Curran SC, Drăgușin V, Pobiner B, Pante M, Hellstrom J, Woodhead J, Croitor R, Doboş A, Gogol SE , Ersek V, Keevil TL. 2025. Hominin presence in Eurasia by at least 1.95 million years ago. <i>Nature Communications</i> , 16(836). doi.org/10.1038/s41467-025-56154-9
2018	Yezzi-Woodley K, Tappen M, Coil R, Gogol SE . 2018. Rivers and Bones. <i>Open Rivers: Rethinking Water, Place, and Community</i> , Issue 12. openrivers.umn.edu

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	Taphonomic Research Assistant Leakey Foundation Olteț River Valley, Romania
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	<i>Taphonomy and chronology of Pleistocene fossil sites in central Romania. Co-PIs: Curran S, Terhune C, Petculescu A, Robu M, Robinson C.</i>
2021	Dissertation Data Collection Known carnivore assemblages (SCSU, UArk, UW–Madison) USA <i>Collections: Marie Selvaggio, Claire Terhune, Henry Bunn</i>
2019	Taphonomic Research Assistant Georgian National Museum Tbilisi, Georgia <i>Supervisors: Martha Tappen, Maia Bukhsianidze</i>
2018	Excavation Instructor REACHE Paleoanthropology Field School Rusinga Island, Kenya <i>Co-PIs: Kieran McNulty, Lauren Michel</i>
2017	Taphonomic Research Assistant National Science Foundation Olteț River Valley, Romania <i>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.</i>
2016	Excavator Department of Anthropology Ohio University <i>PI: Joseph Gingerich. Archaic Archaeological Site, Virginia</i>
2014	Excavator Department of Anthropology Field School Ohio University <i>PI: Paul Patton. Woodland Archaeological Site, Wayne National Forest</i>

Teaching Experience

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 <i>PIs Kieran McNulty and Lauren Michel. Rusinga Island, Kenya.</i>

Conference Abstracts & Presentations

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. <i>Cut marks dated to 1.95 Ma from Grăunceau, Romania. Paleoanthropology: Later Hominin Evolution.</i> 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. <i>Taphonomy and paleoecology of the 1.95 Ma site of Grăunceau, Romania. Paleoanthropology: Later Hominin Evolution.</i> 94th AABA Annual Meeting; 2025 March; Baltimore, MD. Poster Presentation.
2021	Porter ST, Cicak T, Gogol SE , Jenkins L. <i>Converting Human Evolution Lab Activities to an Online Format.</i> 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

2025	Monnier G, Edling M, Gogol SG . Minnesota FIRST LEGO League teams for the UNEARTHED archaeology challenge. Minneapolis, Minnesota, United States.
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2024 **Gogol SE**, Lama-Luther R. *Bare Your Teeth*. SciPride 2024; Bell Museum of Natural History; 2024 July; Minneapolis, Minnesota, United States.

Undergraduate Mentorship

2025	Undergraduate Capstone Mentorship Department of Anthropology University of Minnesota <i>Devon Ashley, Tarun Balaji</i>
2024-2025	Undergraduate Lab & Technical Mentorship Department of Anthropology University of Minnesota <i>3D scanning (Artec Spider II, David SLS-3, Transcan C) and post-processing (Geomagic Design X)</i> <i>Devon Ashley, Gwyn Bolton, Tarun Balaji, Eliot Ebner, Samuel King, Olivia Meier, Beth Onward, Lucas Przybylski, Reilly Ringness, Natalia Zamorano.</i>
2024-2025	Undergraduate Research Project Mentorship Department of Anthropology University of Minnesota <i>Resulting in class essays and presentations</i> <i>Devon Ashley, Tarun Balaji, Samuel King, Olivia Meier</i>

Academic Service

2025	Search Committee Graduate Member Department of Anthropology University of Minnesota <i>Tenure Track Biological Paleoanthropologist</i>
2020-2022	Anti-Racism Task Force Member Department of Anthropology University of Minnesota
2020-2021	Biological Subfield Representative Department of Anthropology University of Minnesota <i>Anthropology Graduate Student Organization</i>
2018-2019	Biological Anthropology Reading Group Co-Organizer Department of Anthropology University of Minnesota

Digital Products

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
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

Research Compliance & Professional Training

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

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