

# MICAYLA C. SPIROS, PH.D.

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## CURRENT POSITION

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**2024**                    **UNIVERSITY OF NEW MEXICO & OFFICE OF THE MEDICAL INVESTIGATOR**  
Postdoctoral Research Fellow  
*Missing and Unidentified Human Remains (MUHR) Program*

## EDUCATION

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**2018-2024**            **MICHIGAN STATE UNIVERSITY**  
Ph.D. Biological Anthropology  
*Dissertation Topic: "Biocultural Dynamics of Postcranial Skeletal Variation: An Investigation of Ontogeny, Socioeconomic Status, and Population History"*  
*Chair: Dr. Joseph T. Hefner*  
*Committee: Dr. Masako Fujita, Dr. Todd Fenton, Dr. Maureen Schaefer*  
GPA: 3.95

**2021-2022**            **MICHIGAN STATE UNIVERSITY**  
M.A. Anthropology  
*Advisor: Dr. Joseph T. Hefner*

**2016-2017**            **UNIVERSITY COLLEGE LONDON— INSTITUTE OF ARCHAEOLOGY**  
M.Sc. Bioarchaeology and Forensic Anthropology  
*Thesis: "The Utility of Postcranial Nonmetric Traits in Ancestry Analysis"*  
*Advisors: Dr. Carolyn Rando, Dr. Tony Waldron, Dr. Simon Hillson*

**2012-2016**            **MIAMI UNIVERSITY**  
B.A. Anthropology  
*Minor: Criminology*

## PUBLICATIONS (\* peer reviewed)

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**Accepted**            \***Spiros MC**, Hefner JT, Isaac CV, Hunter B. Elder abuse in forensic anthropology: A case study. *Forensic Anthropology*.

**Accepted**            \***Spiros MC**, Nakhaeizadeh S. We Think There's Been a Glitch: Artificial Intelligence and Machine Learning in Forensic Anthropology. [Invited]. *Forensic Anthropology*.

- 2023** \*Dunn R, **Spiros MC**, Passalacqua N, Hefner J. Maceration Techniques for Human Fetal and Perinatal Bone. *Forensic Anthropology*, 6(3), 166–172.
- 2023** \***Spiros MC**, Nakhaeizadeh S, Thompson TJU, Morgan RM, Arvidsson M, Olsson V, Berivoe A, Hefner JT. (2023) Using Eye-Tracking Technology to Quantify the Effect of Experience and Education on Forensic Anthropological Analyses. *Forensic Anthropology*, 6(1), 25-35.
- 2022** \***Spiros MC**, Plemons AM, Biggs JA. (2022) Pedagogical Access and Ethical Considerations in Forensic Anthropology and Bioarchaeology. *Science and Justice*, 62(6), 708-720.
- 2020** \*Dunn RR, **Spiros MC**, Kamnikar KR, Plemons AM., & Hefner JT. (2020). Ancestry estimation in forensic anthropology: A review. *Wiley Interdisciplinary Reviews: Forensic Science*, e1369.
- 2020** \***Spiros MC** & Hefner JT. (2020). Ancestry estimation using cranial and postcranial macromorphoscopic traits. *Journal of Forensic Sciences*, 65(3), 921-929.
- 2019** \***Spiros MC**. (2019). Standardization of postcranial nonmetric traits and their utility in ancestry analysis. *Forensic Anthropology*, 2(1), 29-44.

#### BOOK CHAPTERS (\*peer reviewed)

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- Accepted** **Spiros MC**, Kamnikar KR, Plemons AM. Population Affinity Estimation. *Encyclopedia of Forensic and Legal Medicine*. [Invited].
- 2022** Kamnikar KR, Plemons AM, **Spiros MC**, Hefner JT. Estimación de la ancestría utilizando características morfológicas. In: Quinto-Sánchez M, Gomez-Valdés J, eds. *Avances en Antropología Forense*. México City: Universidad Nacional Autónoma de México.

#### GRANTS & AWARDS

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- 2024** College of Social Science Dissertation Completion Fellowship (\$9,000)  
*Michigan State University*
- 2023** Anthropology Travel-Training Research Award- Fall & Spring (\$1,000)  
*Michigan State University*
- 2022** Department of Anthropology Fellowship (Stipend + Full Tuition Waiver)  
*Michigan State University*
- 2022** Anthropology Travel-Training Research Award- Fall & Spring (\$2,000)  
*Michigan State University*
- 2021** Department of Anthropology Fellowship (Stipend + Full Tuition Waiver)  
*Michigan State University*

- 2021** Forensic Sciences Foundation ‘20- ‘21 Student Travel Grant Award (\$150)  
*American Academy of Forensic Sciences*
- 2020** Anthropology Travel-Training Research Award- Fall & Spring (\$2,000)  
*Michigan State University*
- 2020** Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)  
*Michigan State University*
- 2020** Council of Graduate Students Working-Remotely Technology Award (\$50)  
*Michigan State University*
- 2020** Graduate Student Research Award (\$500)  
*Michigan State University– College of Social Science*
- 2020** Forensic Sciences Foundation ‘19- ‘20 Student Travel Grant Award (\$150)  
*American Academy of Forensic Sciences*
- 2019** Anthropology Travel-Training Research Award- Fall & Spring (\$800)  
*Michigan State University*
- 2019** Anthropology Travel-Training Research Award- Summer (\$1,000)  
*Michigan State University*
- 2019** Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)  
*Michigan State University*
- 2018** Travel-Training Research Award- Fall & Spring (\$1,100)  
*Michigan State University*
- 2018** Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)  
*Michigan State University*
- 2016** Senior Service Leadership Award  
*Miami University, Ohio*
- 2016** Outstanding Criminology & Sociology Minor Award  
*Miami University, Ohio*
- 2014-2015** RedHawk Excellence Scholarship- Spring (\$5,250)  
*Miami University, Ohio*
- 2014-2015** Miami Success Grant-Spring (\$4,500)  
*Miami University, Ohio*
- 2014** Lois A. Theis Luxembourg Scholarship- Fall (\$1,000)  
*Miami University Dolibois European Center*
- 2014** Susan Ray Woodworth Scholarship- Fall (\$1,400)  
*Miami University Dolibois European Center*
- 2012-2016** J. Oliver Amos Scholarship-Spring (\$3,000, *annually*)  
*Miami University, Ohio*

## CONFERENCE PRESENTATIONS

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- 2023      **Navigating stakeholder relationships in humanitarian forensic work: Lessons learned from Georgia**  
Gonashvili M; Kamnikar KR; **Spiros MC**; Herrmann NP; Takniashvili T; Tavartkiladze N; Banks P; Beane K; Cruz K; Dunn RR; Plemons AM; Robledo I; Chachkhiani B.  
*75<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences; Orlando, FL*
- 2023      **Rendering Theory to Practice: Actionable Approaches to Ethics in. Digital Human Osteology**  
Plemons, Amber M.; **Spiros, Micayla C.**  
*92<sup>nd</sup> Annual Meeting of the American Association of Biological Anthropologists; Reno, NV*  
Invited Session: Forensic Anthropology as Practiced in the United States: Qualifications, Standards, and Ethical Practice
- 2022      **Pedagogical Access and Ethical Considerations in Forensic Anthropology and Bioarchaeology**  
**Spiros, Micayla C.**; Plemons, Amber M.; Biggs, J.  
*74<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences; Seattle, WA*
- 2021      **Reporting Biases between Missing Persons and Unidentified Persons in the U.S.**  
**Spiros, Micayla C.**; Kamnikar, Kelly R.  
*73<sup>rd</sup> Annual Meeting of the American Academy of Forensic Sciences; Virtual*
- 2020      **Eye Tracking to Assess Decision-Making in Cranial Macromorphoscopic Trait Evaluation: Implications of Education and Training in Method Application**  
**Spiros, Micayla C.**; Nakhaeizadeh, Sherry; Morgan, Ruth M.; Thompson, Tim; Hefner, Joseph T.  
*72<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences; Anaheim, CA*
- 2020      **The Use of Eye Tracking Technology in Forensic Anthropology: An Empirical Approach to Advancing the Understanding of Complex Visual Tasks in Cranial Macromorphoscopic Trait Evaluations**  
Nakhaeizadeh, Sherry; **Spiros, Micayla C.**; Morgan, Ruth M.; Thompson, Tim; Hefner, Joseph T.  
*72<sup>nd</sup> Annual Meeting of the American Academy of Forensic Sciences; Anaheim, CA*

- 2019 **Ancestry Estimation Using Cranial and Postcranial Macromorphoscopic Traits**  
**Spiros, Micayla C.**  
71<sup>st</sup> Annual Meeting of the American Academy of Forensic Sciences; Baltimore, MD
- 2019 **The Frequency and Distribution of Drug Research Across the American Journal of Physical Anthropology: Does Drug Use Affect Skeletal Biology?**  
**Spiros, Micayla C.** and Hayden S. Mckee  
88<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists; Cleveland, OH
- 2019 **The Combination of Cranial and Postcranial Macromorphoscopic Traits and Their Utility in Ancestry Estimation**  
**Spiros, Micayla C.**  
4th Annual Graduate Student Association Graduate Research Symposium; East Lansing, MI
- 2018 **Ancestry Estimation Using Cranial and Postcranial Macromorphoscopic Traits**  
**Spiros, Micayla C.**  
7th Annual Meeting of the Forest, Lakes, and Grasslands (FLAG) Anthropologists Meeting; Roscommon, MI
- 2018 **The Utility of Postcranial Nonmetric Traits in Ancestry Analysis**  
**Spiros, Micayla C.** and Carolyn Rando  
70th Annual Meeting of the American Academy of Forensic Sciences; Seattle, WA
- 2017 **Standardisation of Postcranial Nonmetric Variations**  
**Spiros, Micayla C.**  
University College London Society of Archaeological Masters Students Conference; London, UK
- 2016 **Sexual Violence Against Intimate Partners**  
**Spiros, Micayla C.**  
22nd Annual Miami University Undergraduate Research Forum; Oxford, OH
- 2016 **A Guide to Undergraduate Archaeological Field Schools: Benefits of Going and How to Get There**  
**Spiros, Micayla C.**  
22nd Annual Miami University Undergraduate Research Forum; Oxford, OH
- 2015 **Three-Dimensional Scanning and Printing in Undergraduate Archaeology Education**  
Card, Jeb J.; **Spiros, Micayla C.**; Loomis, Sarah

80th Annual Meeting of the Society for American Archaeology; San Francisco, CA

- 2015 **The Relationship between Juvenile Females and Serial Murder**  
**Spiros, Micayla C.**  
21st Annual Miami University Undergraduate Research Forum; Oxford, OH
- 2014 **Archaeological Education Techniques Using Three-Dimensional Imaging Technology**  
**Spiros, Micayla C.**  
20th Annual Miami University Undergraduate Research Forum; Oxford, OH

## RESEARCH & FIELD EXPERIENCE

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- 2023-2024 **NIH National Institute of Dental and Craniofacial Research Grant**  
Project: "Developing standardized graphic libraries for anatomy: A focus on human craniofacial anatomy and phenotypes"  
Research Assistant
- 2023 **Federal Bureau of Investigation Operation United**  
Forensic Archaeology & Anthropology Volunteer
- 2022 **Federal Bureau of Investigation Operation United**  
Forensic Archaeology & Anthropology Volunteer
- 2021 **Federal Bureau of Investigation Operation United**  
Forensic Archaeology & Anthropology Volunteer
- 2021-2022 **Senior Cultural Heritage Informatics Fellow**  
Michigan State University  
Focused on workshops and collaborative development work and technical experimentation, the overall organizational focus of the fellowship is the development of a significant and innovative digital cultural heritage project.
- 2020-2021 **Michigan State University Forensic Anthropology Lab Manager**  
Michigan State University  
Manage administration of forensic cases from case file creation through disposition. Respond to cases at local morgues. Respond to requests for field searches and/or recoveries. Communicate with Medical Examiner Offices to process evidence and documentation (ME Investigator Reports & Police Reports). Skeletal preparation.
- 2020-2021 **Cultural Heritage Informatics Fellow**  
Michigan State University  
Focused on workshops and collaborative development work and technical experimentation, the overall organizational focus of the fellowship is the development of a significant and innovative digital cultural heritage project.

- 2019**                    **Forensic Anthropology Internship for Dr. Jennifer Love**  
*District of Columbia— Office of Chief Medical Examiner*  
Two-month internship working on forensic anthropological casework: trauma analyses, full skeletal analyses, pediatric skeletal analyses, comparative radiographic reports, cold case reviews, NAGPRA repatriation, NamUs data/DNA submissions.
- 2019**                    **London Cranial Macromorphoscopic Research**  
*Museum of London (MOL)— London, England*  
Collection of MMS data in collaboration with Dr. Rebecca Redfern & Dr. Joseph Hefner.
- 2019**                    **Research Assistant for Dr. Joseph Hefner**  
*Michigan State University— Department of Anthropology*  
Project: NIJ Solicitation— Research and Development in Forensic Science for Criminal Justice Purposes, Fiscal Year 2019.
- 2018-2024**            **Michigan State Forensic Anthropology Laboratory (MSUFAL)**  
*Michigan State University*  
Assist with human forensic anthropological case analyses in a medicolegal setting. Radiographic identification, tissue processing, and biological profile establishment.
- 2015-2016**            **Research Assistant for Dr. Kristen Budd**  
*Miami University— Department of Sociology*  
Project: “Sexual Violence against Intimate Partners”
- 2015-2016**            **Research Assistant for Dr. Melissa Rosenzweig**  
*Miami University— Department of Anthropology*  
Project: “A Guide to Undergraduate Archaeological Field Schools: Benefits of Going and How to Get There”
- 2015**                    **Excavation Team Member**  
*Maya Research Program— Blue Creek, Belize*  
Excavation and Bioarchaeology & Osteology Course  
Advisor: Dr. Katherine Miller Wolf
- 2014-2015**            **Research Assistant for Dr. Jeb Card**  
*Miami University— Department of Anthropology*  
Project: “Three-Dimensional Scanning and Printing in Undergraduate Archaeology Education”
- 2014-2015**            **Research Assistant for Dr. Glenn Muschert**  
*Miami University— Department of Sociology*  
Project: “Could It Happen Here? Moral Panics, School Shootings, and Fear of Crime among College Students”

## TEACHING EXPERIENCE

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- 2021-2023**      **Anthropology Department Online Course Coordinator**  
Michigan State University— Department of Anthropology
- 2023**            **ANP 441: Osteology and Forensic Anthropology (Online—Summer)**  
*Instructor*  
Michigan State University— Department of Anthropology
- 2022**            **ANP 441: Osteology and Forensic Anthropology (Online—Summer)**  
*Instructor*  
Michigan State University— Department of Anthropology
- 2020**            **ANP 203: Introduction to Archaeology (Online—Summer)**  
*Instructor*  
Michigan State University— Department of Anthropology
- 2020**            **ANP 441: Osteology and Forensic Anthropology (Spring)**  
*Lab Instructor & Teaching Assistant for Dr. Carolyn Isaac*  
Michigan State University— Department of Anthropology
- 2019**            **ANP 200: Navigating Another Culture (Online—Fall)**  
*Teaching Assistant for Dr. Adán Quan*  
Michigan State University— Department of Anthropology
- 2019**            **ANP 200: Navigating Another Culture (Online—Summer)**  
*Teaching Assistant for Dr. Adán Quan*  
Michigan State University— Department of Anthropology
- 2018**            **ANP 206: Introduction to Physical Anthropology (Fall)**  
*Teaching Assistant for Dr. Joseph Hefner*  
Michigan State University— Department of Anthropology
- 2016**            **ATH 155: Introduction to Anthropology (Spring)**  
*Teaching Assistant for Dr. Nancy Worthington*  
Miami University— Department of Anthropology
- 2015**            **ATH 175: Peoples of the World (Spring)**  
*Teaching Assistant for Dr. Mark Peterson*  
Miami University— Department of Anthropology
- 2014**            **ATH 212: Introduction to Archaeological Theories and Methods (Spring)**  
*Teaching Assistant for Dr. Jeb Card*  
Miami University— Department of Anthropology



## DIGITAL OUTREACH

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- 2021 **Spiros MC.** Georgian Recovery, Documentation, and Identification Project: Anthropological Analysis of Victims of the Soviet-Era Terror in Georgia. [Website] <https://gafanthro.github.io/GRDIP/>
- 2021 **Spiros MC.** 3DMMS Initiative. [Website] <http://3dmms-initiative.com/>
- 2021 **Spiros MC.** “A Semester in Review” Michigan State Forensic Anthropology Laboratory. Dec 7. [Blog] <http://msufal.anthropology.msu.edu/2021/12/07/a-semester-in-review/>
- 2021 **Spiros MC.** “Exploring Time & Space” The Cultural Heritage Informatics Initiative. Nov 30. [Blog] <https://chi.anthropology.msu.edu/2021/11/exploring-time-space/>
- 2021 **Spiros MC.** “Vision, Fellowship, & Planning” The Cultural Heritage Informatics Initiative. Oct 7. [Blog] <https://chi.anthropology.msu.edu/2021/10/vision-fellowship-planning/>
- 2021 **Spiros MC.** “Extension of 3DMMS-Initiative” The Cultural Heritage Informatics Initiative. Aug 28. [Blog] <https://chi.anthropology.msu.edu/2021/08/9796/>
- 2021 **Spiros MC.** “Launching 3D MMS Initiative | Cranial & Postcranial Three-Dimensional Interactive Learning Instrument” The Cultural Heritage Informatics Initiative. May 5. [Blog] <https://chi.anthropology.msu.edu/2021/05/3d-mms/>
- 2021 **Spiros MC.** “Digital Pedagogy | Disseminating Accessibility” The Cultural Heritage Informatics Initiative. Feb 24. [Blog] <http://chi.anthropology.msu.edu/2021/02/digital-pedagogy-disseminating-accessibility/>
- 2021 **Spiros MC.** “Standardization of postcranial nonmetric traits and their utility in ancestry analysis.” Forensic Anthropology Journal Companion Podcast. Feb 10. Editors: Michael Kenyhercz. [Podcast] [https://open.spotify.com/episode/2VqWTKY3cLlo25lJSS8Kzn?si=eoO6LSVBRAW32kmnVzh\\_OA](https://open.spotify.com/episode/2VqWTKY3cLlo25lJSS8Kzn?si=eoO6LSVBRAW32kmnVzh_OA)
- 2020 Plemons AM, **Spiros MC**, Dunn RR, Kamnikar KR, Goots AC. “Ancestry Estimation Reflection” Michigan State Forensic Anthropology Laboratory. Dec 16. [Blog] <http://msufal.anthropology.msu.edu/2020/12/16/ancestry-estimation-reflection/>

- 2020 **Spiros MC.** “Student Spotlight: Kelly Kamnikar” Michigan State Forensic Anthropology Laboratory. Dec 4. [Blog]  
<http://msufal.anthropology.msu.edu/2020/12/04/student-spotlight-kelly-kamnikar/>
- 2020 **Spiros MC.** “Fellowship through Coding | Make Mistakes & Ask Questions” The Cultural Heritage Informatics Initiative. Nov 30. [Blog]  
<http://chi.anthropology.msu.edu/2020/11/fellowship-through-coding-make-mistakes-ask-questions/>
- 2020 **Spiros MC.** “Alumni Spotlight: Dr. Angela Soler” Michigan State Forensic Anthropology Laboratory. Nov 18. [Blog]  
<http://msufal.anthropology.msu.edu/2020/11/18/dr-angela-soler/>
- 2020 **Spiros MC.** “Ethics in Virtual Osteology | What Should We Be Considering?” The Cultural Heritage Informatics Initiative. Oct 27. [Blog]  
<http://chi.anthropology.msu.edu/2020/10/ethics-in-virtual-osteology-what-should-we-be-considering/>
- 2020 **Spiros MC,** Kamnikar KR, Plemons AM. “Talking with skeletons.” The Sci-Files Podcast. June 21. Editors: Boodoo C, Puentes D. [Podcast]  
<https://impact89fm.org/89746/podcasts/the-sci-files-06-21-2020-amber-kelly-micayla-talking-with-skeletons/>
- 2020 **Spiros MC.** “Alumni Spotlight: Dr. Julie Fleischman” Michigan State Forensic Anthropology Laboratory. Mar 25. [Blog]  
<http://msufal.anthropology.msu.edu/2020/03/25/dr-julie-fleischman/>
- 2020 **Spiros MC.** “Student Spotlight: Mari Isa” Michigan State Forensic Anthropology Laboratory. Feb 26. [Blog]  
<http://msufal.anthropology.msu.edu/2020/02/26/student-spotlight-mari-isa/>
- 2020 **Spiros MC.** “A Semester in Review” Michigan State Forensic Anthropology Laboratory. Jan 8. [Blog]  
<http://msufal.anthropology.msu.edu/2020/01/08/fall-19-review/>
- 2019 **Spiros MC.** “Student Spotlight: Rhian Dunn.” Michigan State Forensic Anthropology Laboratory. Dec 19. [Blog]  
<http://msufal.anthropology.msu.edu/2019/12/19/student-spotlight-rhian-dunn/>

## AFFILIATIONS

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2018- Present **American Association of Forensic Sciences (AAFS)**  
 Student Member

2018- Present **American Association of Biological Anthropologists (AABA)**

*Student Member*

## **SERVICE**

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- 2021-Present Georgian Recovery, Documentation, and Identification Project**  
*Website Designer & Social Media Manager*
- 2021-Present Outreach/Engagement, Retention, Recruitment Ad Hoc Committee**  
*Committee Member— Forensic Anthropology Community Website*
- 2020-Present Outreach/Engagement, Retention, Recruitment Ad Hoc Committee**  
*Committee Member— Decolonizing/Diversifying Course Materials*
- 2020-Present Forensic Anthropology Journal**  
*Director of Social Media & Marketing*
- 2020- 2021 Michigan State University Graduate Student Association in Anthropology**  
*President*
- 2020-2021 Michigan State University Graduate Hearing Board**  
*Anthropology Department Representative*
- 2020 5th Annual Michigan State University Graduate Association Research Symposium**  
*Conference Organizer & Moderator*
- 2019-2023 Michigan State University Forensic Anthropology Laboratory**  
*Social Media Manager*
- 2019-2020 Michigan State University Graduate-Professional Judiciary (UGPJ)**  
*Committee Member for Appellate Case Reviews*
- 2019-2020 Michigan State University Graduate Student Association in Anthropology**  
*Information Officer/Council of Graduate Students Representative*
- 2019 4th Annual Michigan State University Graduate Association Research Symposium**  
*Moderator*
- 2019 University College London “Trial by Fire”—Institute of Archaeology**  
*Conference Manager*
- 2019-2020 Michigan State University Graduate Student Association in Anthropology**  
*Council of Graduate Students Alternate Representative*
- 2017 University College London “Stressed Out— Debunking the stress myth in the study of archaeological human remains”—Institute of Archaeology**  
*Conference Volunteer*
- 2016-Present Forensic Anthropology Journal**

## ATTENDED WORKSHOPS

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- 2021**      **Research Data Management**  
*Michigan State University*  
Host: Ranti Junus
- 2021**      **Science Communication— Visual Science Storytelling**  
*Society for Canadian Women in Science and Technology*  
Host: Sara Elshafie
- 2021**      **Science Communication— Engaging Broad Audiences**  
*Society for Canadian Women in Science and Technology*  
Host: Sara Elshafie
- 2021**      **Crafting a Diversity Statement**  
*Michigan State University*  
Host: Kayon Hall
- 2020**      **Writing Your Data Management Plan**  
*Michigan State University*  
Host: Scout Calvert
- 2019**      **Vicarious Trauma: A Human Capital Perspective Training**  
*District of Columbia Office of Chief Medical Examiner (OCME) & Department of Forensic Sciences (DFS)*  
Host: Kayce Simmons-Munyeneh
- 2018**      **Introduction to Reproducible Research**  
*Michigan State University; Center for Statistical Training and Consulting*  
Host: Dr. Dhruv Sharma
- 2018**      **Macromorphoscopic (MMS) Traits: Data Collection and Analysis**  
*American Academy of Forensic Sciences Annual Meeting in Seattle, WA.*  
Hosts: Dr. Joseph T. Hefner, Amber M. Plemons, and Kelly R. Kamnikar

## PUBLIC ENGAGEMENT & OUTREACH

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- 2022**      **Michigan High School Outreach Program— Bay-Arenac ISD Career Center**  
*Michigan State University Forensic Anthropology Laboratory*  
Forensic Anthropology Lecturer
- 2021**      **Michigan High School Outreach Program— Bay-Arenac ISD Career Center**  
*Michigan State University Forensic Anthropology Laboratory*  
Forensic Anthropology Lecturer

- 2019-2020**      **Darwin Discovery Day**  
 Michigan State University Museum  
 Forensic Anthropology Volunteer
- 2020**            **Michigan High School Outreach Program— Bay-Arenac ISD Career Center**  
 Michigan State University Forensic Anthropology Laboratory  
 Forensic Anthropology Lecturer
- 2019**            **Forensic Archaeology Field School**  
 Michigan State Police  
 Volunteer Excavation Instructor
- 2018**            **ANP 489 Senior Capstone Graduate School Panel**  
 Michigan State University  
 Invited Discussant
- 2018**            **National Fossil Day**  
 Michigan State University Museum  
 Human Evolution Volunteer

## **SKILLS, INSTRUMENTS, & SOFTWARE EXPERIENCE**

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- Amira 3D 2022.2
- Macromorphoscopic Traits (MMS) v.1.61
- Combo MaMDAnalytical v.0.1
- MaMDAnalytical v.0.3.14
- Transition Analysis 3.0
- Osteoware 2.4
- Fordisc 3.0
- Microscribe Digitizer
  - 3Skull 2.0
- Artec Space Spider
- Artec Studio 16
- “R” Statistical Environment
- Programming Languages (HTML, CSS, JavaScript, PHP)
- Blender 2.91
- 3D Slicer 4.11
- NextEngine Desktop 3D Scanner
  - ScanStudio™ Software
  - MeshLab v.1.3.2

## **REFERENCES**

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*Available upon request*

May 2024