# MICAYLA C. SPIROS

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## EDUCATION

**Present**  **MICHIGAN STATE UNIVERSITY**
Ph.D. 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

**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)

**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.*

**Accepted**  **Spiros MC,** Kamnikar KR, Plemons AM. Population Affinity Estimation. Encyclopedia of Forensic and Legal Medicine. [Invited].

**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)

| 2022 | Kamnikar KR, Plemons AM, **<u>Spiros MC</u>**, 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. |
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## GRANTS & AWARDS

| 2024 | College of Social Science Dissertation Completion Fellowship ($9,000)<br>*Michigan State University* |
|---|---|
| 2023 | Anthropology Travel-Training Research Award- Fall & Spring ($1,000)<br>*Michigan State University* |
| 2022 | Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)<br>*Michigan State University* |
| 2022 | Anthropology Travel-Training Research Award- Fall & Spring ($2,000)<br>*Michigan State University* |
| 2021 | Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)<br>*Michigan State University* |
| 2021 | Forensic Sciences Foundation '20- '21 Student Travel Grant Award ($150)<br>*American Academy of Forensic Sciences* |
| 2020 | Anthropology Travel-Training Research Award- Fall & Spring ($2,000)<br>*Michigan State University* |
| 2020 | Department of Anthropology Fellowship (*Stipend + Full Tuition Waiver*)<br>*Michigan State University* |
| 2020 | Council of Graduate Students Working-Remotely Technology Award ($50)<br>*Michigan State University* |
| 2020 | Graduate Student Research Award ($500)<br>*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

**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.*
*75th 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**.
*92nd 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

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| 2022 | **Pedagogical Access and Ethical Considerations in Forensic Anthropology and Bioarchaeology**<br>**_Spiros, Micayla C_**.; _Plemons, Amber M.; Biggs, J._<br>_74th Annual Meeting of the American Academy of Forensic Sciences; Seattle, WA_ |
| 2021 | **Reporting Biases between Missing Persons and Unidentified Persons in the U.S.**<br>**_Spiros, Micayla C_**.; _Kamnikar, Kelly R._<br>_73rd 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**<br>**_Spiros, Micayla C_**.; _Nakhaeizadeh, Sherry; Morgan, Ruth M.; Thompson, Tim; Hefner, Joseph T._<br>_72nd 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**<br>_Nakhaeizadeh, Sherry;_ **_Spiros, Micayla C._**_; Morgan, Ruth M.; Thompson, Tim; Hefner, Joseph T._<br>_72nd Annual Meeting of the American Academy of Forensic Sciences; Anaheim, CA_ |
| 2019 | _Ancestry Estimation Using Cranial and Postcranial Macromorphoscopic Traits_<br><u>Spiros, Micayla C.</u><br>_71st 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?_<br><u>Spiros, Micayla C.</u> _and Hayden S. Mckee_<br>_88th 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_<br><u>Spiros, Micayla C.</u> |

*4th Annual Graduate Student Association Graduate Research Symposium;
East Lansing, MI*

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| 2018 | **Ancestry Estimation Using Cranial and Postcranial Macromorphoscopic Traits** |
| | <u>Spiros, Micayla C.</u> |
| | *7th Annual Meeting of the Forest, Lakes, and Grasslands (FLAG) Anthropologists Meeting; Roscommon, MI* |
| 2018 | **The Utility of Postcranial Nonmetric Traits in Ancestry Analysis** |
| | <u>Spiros, Micayla C.</u> *and Carolyn Rando* |
| | *70th Annual Meeting of the American Academy of Forensic Sciences; Seattle, WA* |
| 2017 | **Standardisation of Postcranial Nonmetric Variations** |
| | <u>Spiros, Micayla C.</u> |
| | *University College London Society of Archaeological Masters Students Conference; London, UK* |
| 2016 | **Sexual Violence Against Intimate Partners** |
| | <u>Spiros, Micayla C.</u> |
| | *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** |
| | <u>Spiros, Micayla C.</u> |
| | *22nd Annual Miami University Undergraduate Research Forum; Oxford, OH* |
| 2015 | **Three-Dimensional Scanning and Printing in Undergraduate Archaeology Education** |
| | *Card, Jeb J.;* <u>Spiros, Micayla C.;</u> *Loomis, Sarah* |
| | *80th Annual Meeting of the Society for American Archaeology; San Francisco, CA* |
| 2015 | **The Relationship between Juvenile Females and Serial Murder** |
| | <u>Spiros, Micayla C.</u> |
| | *21st Annual Miami University Undergraduate Research Forum; Oxford, OH* |
| 2014 | **Archaeological Education Techniques Using Three-Dimensional Imaging Technology** |
| | <u>Spiros, Micayla C.</u> |
| | *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-Present**    **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

**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 |

**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

**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/2VqWTKY3cLIo25lJSS8Kzn?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/

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| **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/ |

## AFFLILATIONS

| | |
|---|---|
| **2018- Present** | **American Association of Forensic Sciences (AAFS)** *Student Member* |
| **2018- Present** | **American Association of Biological Anthropologists (AABA)** *Student Member* |
| **2018-Present** | **American Anthropological Association (AAA)** *Student Member* |
| **2018- Present** | **Michigan State University Council of Graduate Students (COGS)** *Full 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-Present**  **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**
*Reviewer*

## ATTENDED WORKSHOPS

**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

**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

**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**        **Darwin Discovery Day**
*Michigan State University Museum*
Forensic Anthropology Volunteer

**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

- 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

*Available upon request*

*February 2024*