

# Curriculum Vitae

## Megan K. Moore, Ph.D., D-ABFA

### Work Address:

Eastern Michigan University  
Ypsilanti, MI 48197  
[mmoore86@emich.edu](mailto:mmoore86@emich.edu)  
tel: (734) 487-9168

### Education:

- 2002-08 Ph.D., Biological Anthropology, May 8, 2008, University of Tennessee, Knoxville, Advisor Dr. Lyle Konigsberg, Dissertation Title: "Body Mass Estimation from the Human Skeleton" Funded by grant through the National Institute of Justice
- 1998-01 M.S. in Biological Anthropology, June 16, 2001, University of Oregon, Eugene, Advisor Dr. John Lukacs
- 1994-98 B. A. – Honors with Distinction in Anthropology, The Ohio State University, Columbus, Advisor Dr. Paul Sciulli

### Employment History:

- 2022-present Associate Dean of the Honors College and Professor of Anthropology, Eastern Michigan University
- 2016-2022 Associate Professor of Anthropology, Eastern Michigan University
- 2013-2016 Assistant Professor of Anthropology, Eastern Michigan University
- 2013-present Forensic Anthropology Consultant and Expert Witness for the Medical Examiner's Office of Wayne, Washtenaw, and Monroe Counties, Michigan
- 2009-2013 Assistant Professor of Anthropology, University of Michigan - Dearborn
- 2009-2011 Forensic Anthropology Instructor, ICITAP, Dept of Justice, Bogota, Colombia, seasonal
- 2008-present Adjunct Assistant Professor, Department of Anthropology, University of Tennessee
- 2008 Visiting Assistant Professor, Dickinson College, Carlisle, PA
- 2006-2008 Adjunct Instructor of Anatomy and Physiology, Pellissippi State College, Knoxville, TN
- 2005-2008 Graduate Research Assistant and Post-Doctoral Researcher, Dept. of Mechanical, Aerospace, and Biomedical Engineering, University of Tennessee, Knoxville
- 2002-2005 Graduate Assistant, International House, University of Tennessee, Knoxville
- 2002 Adjunct Instructor of Social Sciences, Columbus State Community College
- 2001 Adjunct Instructor of Anthropology, San Diego City College
- 1999-2000 Forensic Anthropology Consultant, Physicians for Human Rights, Cyprus Project

### Grants and Awards:

- 2021 Summer Research/Creative Activity Award, Eastern Michigan University
- 2018 Robert W. Collins Distinguished Teaching Award, Eastern Michigan University
- 2018 Excavation Supervisor, Grant in Aid, *Antiochia ad Cragum* Archaeological Excavation: Human Osteology, University of Nebraska
- 2017 EMU Faculty Research Fellowship 50% course release for 2 semesters
- 2017 EMU Distinguished Honors Faculty of the Year
- 2017 Summer Research/Creative Activity Award, Eastern Michigan University
- 2015 Women in Philanthropy Grant, Eastern Michigan University
- 2015 Provost's Research Support Award, Eastern Michigan University
- 2015 EMU Faculty Research Fellowship 50% course release for 2 semesters
- 2014 Nestlé Foundation Research Grant

2014	Provost's New Faculty Award, Eastern Michigan University
2013	Global Intercultural Education for Undergraduates (GIEU) Faculty Fellow
2009	Faculty Enrichment Seed Grant – Campus Grants
2007	National Institute of Justice Graduate Research Fellowship
2007	Kneberg-Lewis Dissertation Improvement Grant

### **Publications:**

- Kim, JJ, and **Moore, M** (2022) “Recommendations for large-scale exhumations of Potter's Fields: Cases in the US”, *Journal of Forensic and Legal Medicine*, Volume 91, <https://doi.org/10.1016/j.jflm.2022.102399>.
- Adams, DM, Goldstein, JZ, Isa, M, Kim, JJ, **Moore, MK**, Pilloud, MA, Tallman, SD, and Winburn, AP (2022). “A conversation on redefining ethical considerations in forensic anthropology.” *American Anthropologist*. 1-16. <https://doi.org/10.1111/aman.13753>
- Hammerl, E, and **Moore, M**, (2020) “Pathological Lesions in a Likely Case of Metastatic Carcinoma from *Antiochia ad Cragum*”. *ANMED 18 2020 (News Bulletin on Archaeology from Mediterranean Anatolia)*, pp. 18-20.
- G Mace, **Moore, M**, and Hammerl, E, (2020) “Paleopathology: Patellar Shape and Vastus Notch Frequency from the Site of *Antiochia ad Cragum*. *ANMED 18 2020 (News Bulletin on Archaeology from Mediterranean Anatolia)*, pp. 31-33.
- Moore, M**, and Hammerl, E, (2019) “*Antiochia ad Cragum* Osteology Field Report 2018”, *ANMED 17 2019 (News Bulletin on Archaeology from Mediterranean Anatolia)*, pp. 130-136.
- Moore, M**. E DiGangi, F Niño, O Hidalgo, & C Sanabria Medina (2016) “Metric Sex Estimation from the Postcranial Skeleton for the Colombian Population,” *Forensic Science International* Volume 262, May 2016, Pages 286.e1–286.e8.
- DiGangi, EA & **MK Moore**, Editors (2013), *Research Methods in Human Skeletal Biology*, Academic Press, San Diego.
- Moore, M**. & E Schaefer (2011) “A comprehensive regression tree to estimate body weight from the skeleton,” *Journal of Forensic Sciences* 56(5): 1115-1122.
- Moore, M**. (2008). *Body Mass Estimation from the Human Skeleton*, Doctoral Dissertation, Department of Anthropology, University of Tennessee Knoxville, NIJ award # 2007-DNBX-0013, Document 227932, <https://www.ojp.gov/pdffiles1/nij/grants/227932.pdf>.
- Mahfouz, M, A Badawi, B Merkl, EA Fattah, E Pritchard, K Kessler, **M Moore** & R Jantz (2007), “3D Statistical Shape Models of Patella for Sex Classification,” *Forensic Science International*, Volume 173, Issues 2-3, December, pp. 161-170.
- Moore, MK** and W Haglund (2002), “The Case of Boss Tweed: Identification by Caricature,” *Journal of Forensic Identification*, Vol. 52, May/June Issue.

### **Book Chapters:**

- Moore, M.K.** & Kim, J. (2022) “Marginalization, Death, and Decline: The role of Forensic Anthropology to document the osteology of poverty in Detroit, Michigan in the 21<sup>st</sup> Century, edited volume tentatively titled: *Towards the Margins: Accounting for the Marginalized in Forensic Anthropology*, J. Byrnes and I. Sandoval-Cervantes, Eds., Lexington Books (in press).
- Friedlander, H., **Moore, M.K.** & Mayne Correia, P. (2022) “Techniques for the differentiation of blunt force, sharp force, and gunshot traumas from heat fractures in burnt remains,” In: *The Forensic Evaluation of Burnt Human Remains*, S. Ellingham, S. Casadao-Zapico, J. Adserias Garriga and D. Ubelaker, Eds., Wiley, Chichester, UK (in press).

- Moore, M.**, and Hammerl, E (2021) “The Human Skeletal Remains of *Antiochia ad Cragum*” Chapter for an Edited Volume tentatively titled: *The Archaeology of Antiochia ad Cragum: The first 15 years*, M. Hoff, B. Can, and R. Townsend, Eds., Oxbow Publishing, in preparation (under contract).
- Moore, M.K.** (2013). Functional morphology and medical imaging. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.
- Moore, M.K.** (2013). Sex estimation and assessment. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.
- Moore, M.K., & Ross, A.H.** (2013). Stature estimation. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.
- DiGangi, E.A., & **Moore, M.K.** (2013). Introduction to skeletal biology. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.
- DiGangi, E.A., & **Moore, M.K.** (2013). Application of the scientific method to skeletal biology. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.
- DiGangi, E.A., & **Moore, M.K.** (2013). Future Research Considerations in Human Skeletal Biology. In E.A. DiGangi, & M.K. Moore (Eds.), *Research Methods in Human Skeletal Biology*. San Diego: Academic Press.

#### **Publications in Preparation:**

- Moore, M.**, V Estabrook, L Powell, C Powell, C Merbs & K Burns, “The Forensic Analysis of the Human Skeletal Remains from the Casimir Pulaski Monument in Savannah, Georgia, (in preparation 2022).
- Moore, M.**, V Estabrook, C Powell, L Powell, K Burns “A Forensic Anthropology Analysis of the Tomb of Casimir Pulaski, American Revolutionary War Hero: A Question of Gender” Short Form book proposed to Academic Press, Elsevier, San Diego, CA. (in preparation 2022).
- Hammerl, E, **M Moore**, E DiGangi, B LeReverend, H Justus, “Subadult Mandibular Morphology and Estimated Bite Force of an Early Medieval Skeletal Collection from Northern France Compared with Modern Individuals of European Ancestry,” *Physiology and Behavior* (in preparation 2022).
- Moore, M.**, D Thompson, EA Fattah and M Mahfouz, “Skeletal Manifestations of Obesity,” *American Journal of Physical Anthropology* (in preparation 2022).
- Moore, M.**, and D Casallas, “Technical Note: Soil acidity and the disappearance of human skeletal remains in Colombia,” *Journal of Forensic Sciences* (in preparation 2022).

#### **Symposia:**

- 2013 **Symposium Organizer**, “Forensic Anthropology, Human Rights, and Bioarchaeology of the Individual: A Tribute to the Life and Work of Karen Ramey Burns,” annual meeting of the American Association of Physical Anthropologists, Knoxville, TN.
- 2009 **Symposium Organizer**, “The Weight of the Matter: Body Mass Estimation Reconsidered,” annual meeting of the American Association of Physical Anthropologists, Chicago, IL.

#### **Papers Presented:**

- Moore, M.**, C Muzzin (2022) “Bioarchaeological analysis and carbon dating of human remains found under a downtown Detroit sidewalk,” Session: Chemistry in the Service of Archaeology: Dating and Materials Analysis, 2022 Central Regional Meeting of American Chemical Society, Ypsilanti, MI June 8, 2022.

- Moore, M**, JJ Kim (2021) "The role of Forensic Anthropology to document the osteology of poverty in Detroit, Michigan in the 21st Century" invited talk in Towards the Margins: Accounting for the Marginalized in Forensic Anthropology Symposium, Annual Meeting of the American Anthropological Association, Baltimore, MD November 19, 2021.
- Moore, M** (2019) "Death & Decline, Revival & Reinvention: The role of Forensic Anthropology in documenting and engaging in the transformation of Detroit's urban environment in the 21st century," Invited Speaker, Faculty Lecture Series, Department of Anthropology, Binghamton University.
- Moore, M**, E Hammerl, B Kreimer, M Hoff (2019) "Photogrammetry in the field: Visualizing Pathological Lesions in a Case of Metastatic Carcinoma from *Antiochia ad Cragum*, Turkey," presented at the annual meeting of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30.
- Bruckler, S, **M Moore** (2019) "The Effect of Polycystic Ovarian Syndrome (PCOS) on Bone Mineral Density," presented at the annual meeting of the American Association of Physical Anthropologists, Cleveland, OH, March 27-30.
- Mace, G, **M Moore** (2019) "Paleopathology: Patella Abnormality in Past and Present Populations from Turkey," poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Oct 18-9, 2019, Grand Valley State University, Allendale, MI.
- Moore, M** (2018) "Bones and the Stories they Tell: Case Studies in Forensic Anthropology," Invited Speaker for the Philanthropic Education Organization (P.E.O.) monthly meeting, Ann Arbor City Club, Ann Arbor MI, March 4, 2019.
- Moore, M** (2018) "Bones and the Stories they Tell," Invited Speaker for the Ladies Literary Club monthly meeting, Ypsilanti, MI, March 28, 2018.
- Moore, M** (2018) "Facial Anatomy and Forensic Anthropology" Michigan State Police Forensic Art Conference, Ralph A. MacMullan Conference Center, Roscommon, MI, June 4, 2018.
- Moore, M** (2017) "Introduction to Forensic Anthropology and Fundamentals in Forensic Archaeology and Mass Fatality Incidents," Invited Speaker Medicolegal Death Investigation Workshop, Wayne County Medical Examiner's Office, November 10, 2017.
- Hammerl, E, **M Moore**, EA DiGangi, HM Justice (2017) "A test of the mastication hypothesis on mandibular morphology using medieval and modern non-adult Individuals," paper presented at the annual meeting of the American Association of Physical Anthropologists, New Orleans, LA, April 2017.
- Bruckler, S, **M Moore** (2016) "A possible case of poliomyelitis: A bioarchaeological differential diagnosis" Paper presented at the 2016 annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA) in Chicago, IL.
- Lacerte, J., C. Barrett, and **M. Moore** (2016) "Scanning Electron Microscopy Detection of Linear Enamel Hypoplastic Defects Among a Late Archaic Sample from Ohio," Poster presented at the 2016 Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Conference (BARFAA) in October 21-22, 2016 at Loyola University, Chicago, IL.
- Moore, M** (2016) "Forensic Anthropology Case Studies in Detroit: Complications of interpreting antemortem and perimortem trauma versus postmortem taphonomy," Invited Speaker for the Huron Valley Chapter of the Michigan Archaeological Society monthly meeting, Kelsey Museum of Archaeology, University of Michigan, Ann Arbor, MI, November 17, 2016.

- Moore, M**, A Szabo, & A Hasan (2016), Estimating the Age of Menarche in an Early Medieval Skeletal Sample from Northern France,” paper presented at the Michigan Academy of Science, Arts & Letters, Saginaw Valley State University, March 2016.
- Golembiewski, A & **M Moore** (2015) “Forensic Case Study: Using Orthopedic Implants for Individuation,” poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Chicago, IL October 24, 2015.
- Moore, M** (2015) “A case of mistaken identity: Unknown material masquerading as tooth enamel,” paper presented at the annual meeting of the Forensic Anthropology Society of Europe Conference in Montpellier, France, September 2015.
- Moore, M** & E Hammerl (2015) “Subadult Mandibular Morphology in an Early Medieval Skeletal Collection from Northern France Compared with Modern Individuals of European Ancestry,” paper presented at the annual meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 2015.
- Bair, E & **M Moore** (2015) “An Evaluation of the Incidence of Harris line and Enamel Hypoplasia Development,” paper presented at the annual meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 2015.
- Moore, M** (2015) “The osteology of poverty in Detroit: Forensic anthropology case reports from 2014,” paper presented at the annual meeting of the Michigan Academy of Arts Sciences and Letters, Andrews University, March 13, 2015.
- Eggleston, K & **M Moore** (2014) “Use of the Fully Anatomical Stature Estimation Method in Archaeological Remains: A Case Study from Saleux, France”, poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Oct 17-18, 2014, Grand Valley State University, Allendale, MI.
- Lopinski, N & **M Moore** (2014) “Age at Death Estimation in an Early Medieval Population in Northern France”, poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA) Oct 17-18, 2014, Grand Valley State University, Allendale, MI.
- Goltz, R & **M Moore** (2014) “Comparison of Maturation in Subadults from the Third Molar and Iliac Crest in an Early Medieval French Skeletal Collection”, poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA) Oct 17-18, 2014, Grand Valley State University, Allendale, MI.
- Moore, M** & E Hammerl (2014) “Subadult Mandibular Morphology in an Early Medieval Skeletal Collection from Northern France Compared with Modern Individuals of European Ancestry,” poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA) Oct 17-18, 2014, Grand Valley State University, Allendale, MI.
- Szabo, A & **M Moore** (2014) “Estimating the Age of Menarche in an Early Medieval Skeletal Sample from Northern France”, poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Oct 17-18, 2014, Grand Valley State University, Allendale, MI.
- Moore, M** (2013) “Stature Estimation from Long Bone Lengths Among the Adult Colombian Population,” paper presented at the annual meeting of the American Academy of Forensic Sciences, Washington, D.C., February 2013.
- Moore, M** (2013) “Functional Morphology and Variation: The Effects of Obesity on the Cross-Sectional Geometry of the Humerus,” paper presented at the annual meeting of the American Association of Physical Anthropologists, Knoxville, TN, April 2013.
- Holtzman, S & **M Moore** (2013) “Saleux: A Study of Juvenile Development and Malnutrition,” poster presented at the annual meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), The Ohio State University, Columbus, OH.

- Bethard J & **M Moore** (2013) “The legacy of Dr. Karen Ramey Burns: a focus on the individual in forensic and bioarchaeological contexts,” paper presented at the annual meeting of the American Association of Physical Anthropologists, Knoxville, TN, April 2013.
- Moore, M** (2010) “The effects of obesity on the human skeleton: pathologies, cross-sectional geometry and bone density,” International Obesity Association, Stockholm, Sweden, July 2010.
- Casallas, D & **M Moore** (2012) “Soil acidity and the disappearance of human skeletal remains in Colombia,” paper presented at the American Academy of Forensic Sciences, Atlanta, GA, February 2012.
- Moore, M, F Niño, & O Hidalgo** (2012) “Univariate sex discrimination from the postcranial skeleton for the Colombian Population,” paper presented at the American Academy of Forensic Sciences, Atlanta, GA, February 2012.
- Moore, M & S Richter** (2012) “Meta-analysis of forensic stature estimation,” poster presented at the American Association of Physical Anthropologists, Portland, OR, April 2012.
- Moore, M** (2010) “The Effects of Obesity on the Human Skeleton: Pathology, Femoral Cross-sectional Geometry and Bone Density,” 11<sup>th</sup> International Congress on Obesity, Stockholm, Sweden, 11-15 July 2010.
- Moore, M** (2009) “A comprehensive regression tree to estimate body mass from the skeleton considering pathology, cross-sectional geometry and bone density,” annual meeting of the American Association of Physical Anthropologists, Chicago, IL, April 2009.
- Sears, C & **M Moore** (2009) “Childhood obesity and the angle of the femoral neck: Relationship with slipped capital femoral epiphysis (SCFE) and adolescent tibia vara,” annual meeting of American Association of Physical Anthropologists, Chicago, IL, April 2009.

### **Expert Witness**

- 2013-present Wayne, Washtenaw, and Monroe Counties in SE Michigan, 116 cases completed
- Sworn in to testify as an expert witness for the State of Michigan on April 1, 2016 at the County Probate Court for the Case of the State of Michigan against Jerry McCoy for murder in the 1st degree, pretrial case number 1605652201.
- Testified for State of Michigan, County of Monroe, 1<sup>st</sup> District Court in case of “The People vs. Daniel Alan Clay,” Court Case Number 16243127FC on May 10, 2017.
- Testified for State of Michigan, County of Wayne, 3rd Judicial Court in case of “The People v. Travun Baskerville,” Court Case Number 17-008359-01-FC on July 17, 2018.

### **Certifications**

- Diplomate of the American Board of Forensic Anthropology, No. 140, February 2020
- Forensic Anthropology Society of Europe (FASE) – passed written portion of certification test on September 6, 2015 in Montpellier, France.
- Certified Operator of Dual Energy X-ray Absorptiometry (DEXA), Department of Nutrition, EMU, September 2016.

### **Courses Taught:**

- Medical Anthropology, ANTH 329 – Lecture – EMU
- Introduction to Physical Anthropology, ANTH 140 – Lecture – EMU
- Introduction to Cultural Anthropology, ANTH 135 – Lecture – EMU
- Forensic Anthropology, ANTH/CRIM 271 – Lecture EMU
- Human Osteology - Anthropology 459/370 - Lecture/Lab – UM – Dearborn/EMU
- Advanced Research in Bioarchaeology 471/470 – Lecture/Lab EMU

- Human Genetics – Anthropology 435 – Lecture – UM – Dearborn
- Human Evolution – Anthropology 331 – Lecture – UM – Dearborn
- Nutrition and Health – Anthropology 415/379 – Lecture – UM – Dearborn/EMU
- Human Body, Growth and Health – Anthropology 409 – Lecture UM – Dearborn
- Skeletal Trauma Workshop – ICITAP Course May 2009, Bogota, Colombia
- Research Methods, ICITAP course April 2009, Bogota, Colombia
- Forensic Archeological Field School, ICITAP course Jan. 2009, Bogota, Colombia
- Advanced Forensic Archeological Field School, ICITAP course June 2010, Bogota, Colombia
- Craniofacial Anatomy for FBI Forensic Artists – Lecture – FBI Operation Response Center, Fredericksburg, VA

### **Undergraduate and Graduate Student Thesis Projects Supervised**

- Gabrielle Mace, “Implications of Ancestry Estimation: An Analysis of Identification Rates in Unidentified Persons Cases,” University of Nebraska, Lincoln, July 2022, external advisor.
- Emmylee Zang “Sexual Polymorphism in Pelvic Dimensions from CT Scans Based on Reported Gender” Undergraduate Honors Thesis, EMU 2021.
- Maxwell Rooney “Learning from Those Who Served: Application of Regression Based Body Mass Estimation Methods to The USS *Oklahoma* Population,” Master’s Thesis, Department of Anthropology, University of Nebraska, Lincoln, April 2020, external advisor.
- Amanda Rielinger “The Biocultural Evolution of Inflammatory Bowel Disease,” Undergraduate Honors Thesis, EMU April 2019
- Alaa Hasan “Meta-Analysis of Psychosocial Stress and the Effects of War on the Age of Menarche,” Undergraduate Honors Thesis in Anthropology, EMU, Winter 2018.
- Casey Butler “Development of a GIS Database of Incomplete Forensic Anthropology Cases in Southeastern Michigan,” Undergraduate Honors Thesis in Anthropology, EMU, Winter 2018.
- Michaela Stevenson “Reproductive Health Experiences of Young Adult Women and People Who can Become Pregnant in Southeast Michigan,” Undergraduate Honors Thesis in Women’s and Gender Studies, EMU, Winter 2018.
- Michaela Stevenson “Post Hospital Support After Perinatal Loss in the United States,” Undergraduate Honors Thesis in Anthropology, EMU, Winter 2018.
- Megan Halstead “Postural Orthostatic Tachycardia Syndrome: An Analysis of Cross-Cultural Research, Historical Research, and Patient Narratives of the Diagnostic Experience,” Undergraduate Honors Thesis in Anthropology, EMU, Fall 2017.
- Roxanne Reindhardt, “Analyzing Counter Improvised Explosive Device Equipment for the Effectiveness in Preventing Casualty,” Undergraduate Honors Thesis in Anthropology, EMU, Fall 2017.
- Amber Golembiewski “Cross sex hormone therapy and sex estimation,” external advisor on Master’s Paper, Department of Anthropology, Wayne State University, Winter 2017.
- Sarah Beste “Rethinking Age Estimation in the Contemporary American Population: Obesity Morphology and Juvenile Osteological Development of the Femur in a Forensic Context,” external advisor on Master’s Paper, Wayne State University, Winter 2017.
- Sarah Bruckler “Effects of Polycystic Ovarian Syndrome (PCOS) on systemic bone mineral density,” Undergraduate Honors Thesis, EMU, April 2017.
- Tao Lei “Juvenile delinquency and cause of death for adolescents between 13 and 17 years in Detroit in 2015” Undergraduate Honors Thesis, EMU, April 2017.

- Jessica Lacerte, “Stature and Sex Estimation Among the Chiribaya of Southern Peru” Undergraduate Honors Thesis, EMU, April 2017.
- Hannah Hilbert, “Musculoskeletal Markers of Linguistic Variance on the Human Mandible,” Undergraduate Honors Thesis, EMU, Fall 2015.
- Rebekah Goltz (2016) “A comparison of growth and maturation in the dentition and the pelvis,” Undergraduate Honors Thesis, EMU, Fall 2015.
- Katherine Harrington (2013) “Secular Change in the Knee Joint and the Effects of Obesity”, Master’s Thesis, Department of Anthropology, Texas State University, San Marcos, external advisor.
- Heather Rylance (2013) “The relationship between stigma, self-views, and eating”, Master’s Thesis, University of Michigan-Dearborn, Co-Chair of thesis Committee.
- Sara Arias (2012) “Examination of the effects of obesity on weight-bearing extremities: CT scan analysis and comparison of modern European American and African American male samples,” Boston University School of Medicine, external advisor.

### **Undergraduate Symposium Presentations Advised**

- Cassandra Anderson (2022) “Bioarchaeology of Thoracic Outlet Syndrome,” presented at the EMU Undergraduate Symposium, March 2022.
- Tyler Edmonds (2022), “The Use of Prosthetic Devices to Identify the Dead,” presented at the EMU Undergraduate Symposium, March 2022.
- Courtney Muzzin (2022) “Bioarchaeology of the Skeleton Under a Detroit Sidewalk,” presented at the EMU Undergraduate Symposium, March 2022.
- Emmylee Zang (2021) “Using CT Scans to Measure the Skeletal Morphology of Transgender and Non-Binary Participants”, presented at the EMU Undergraduate Symposium, March 2021.
- Emmylee Zang (2021) “Birth Doula and the Associated Benefits for Birthing Outcomes and Experiences in the US”, presented at the EMU Undergraduate Symposium, March 2021.
- Trent Sheibels (2021) “The Legend of the Green Children of Woolpit: What Made Them Green?” presented at the EMU Undergraduate Symposium, March 2021.
- Lainie Bell (2021) “On the Frequency of Cannibalism in History”, presented at the EMU Undergraduate Symposium, March 2021.
- Dylan Blatt (2020) “Validation of a Technique for Rehydrating Mummified Fingerprints”, accepted for presentation at the EMU Undergraduate Symposium, March 2020.
- Kari Havanaar (2020) “Human Skeletal Morphology in a sample of Modern Non-Binary Individuals,” accepted for presentation at the EMU Undergraduate Symposium, March 2020.
- Pariss Gray (2020) “Osteological ramifications of Footbinding and High-Heel Wearing,” accepted for presentation at the EMU Undergraduate Symposium, March 2020.
- Jordan Jones (2020) “A Comparison: Chemical and Maceration Processing Methods”, accepted for presentation at the EMU Undergraduate Symposium, March 2020.
- Gabrielle Mace (2019) “Intersex and the Human Skeleton: Sexual Polymorphism Rather than Dimorphism,” presented at the EMU Undergraduate Symposium, March 2019.
- Amanda Rielinger (2019) “The Biocultural Evolution of Inflammatory Bowel Disease”, presented at the EMU Undergraduate Symposium, March 2019.
- Alexander Belanger (2018) “A Cross-Cultural Analysis on Arthritic Variation Between Agricultural and Foraging Societies”, accepted for presentation at the EMU Undergraduate Symposium, March 2018.



- Casey M. Butler (2018) “GIS Spatial Analysis of Incomplete Forensic Anthropology Cases in Southeastern Michigan”, presented at the EMU Undergraduate Symposium, March 2018.
- Megan Halstead (2018) “Postural Orthostatic Tachycardia Syndrome Across Cultures, History, and Patient Experiences”, presented at the EMU Undergraduate Symposium, March 2018.
- Roxanne Reinhardt (2018) “Analyzing Counter Improvised Explosive Device Equipment for Effectiveness in Preventing Casualty”, presented at the EMU Undergraduate Symposium, March 2018.
- Shaina Wolinsky (2018) “Epigenetics, Bone Health and the Holocaust”, presented at the EMU Undergraduate Symposium, March 2018.
- Micaela Stevenson (2018) “Postpartum Hospital Support for Families After Perinatal Loss”, presented at the EMU Undergraduate Symposium, March 2018.
- Sarah Bruckler (2017) “Effects of Polycystic Ovarian Syndrome (PCOS) on systemic bone mineral density,” presented at the EMU Undergraduate Symposium, March 2017.
- Tao Lei (2017) “Juvenile delinquency and cause of death for adolescents between 13 and 17 years in Detroit in 2015” presented at the EMU Undergraduate Symposium, March 2017.
- Jessica Lacerte (2017) “Postcranial Metric Sex Estimation Among the Chiribaya of Southern Peru” presented at the EMU Undergraduate Symposium, March 2017.
- Rebekah Goltz (2015) “Comparison of Maturation in Subadults from the Third Molar and Iliac Crest,” poster presented at the EMU Undergraduate Symposium, March 2015.
- Sarah Bruckler (2016) “Differential Diagnosis of Arthropathic Tarsal Joint Fusion in early Medieval Remains: A Case Study”, poster presented at the EMU Undergraduate Symposium, April 2016.
- Rebekah Goltz (2016) “Comparison of Four Methods of Dental Age Estimation,” poster presented at the EMU Undergraduate Symposium, April 2016.
- Jessica Lacerte (2016) “Estimation of Stature from Long Bones of the Chiribaya Baja of Southern Peru, paper presented at the EMU Undergraduate Symposium, April 2016.
- Alaa Hasan (2016) “Estimating the Age of Menarche from an Early Medieval Skeletal Sample from Northern France,” poster presented at the EMU Undergraduate Symposium, April 2016.
- Marissa Salvia (2016) “The Etiology and Frequency of Temporomandibular Joint Disorders in Modern and Early Medieval Samples,” paper presented at the EMU Undergraduate Symposium, April 2016.
- Sarah Bruckler (2015) “Possible Link Between Childhood Stress and Chronic Illness in Adulthood,” presented at the EMU Undergraduate Symposium, March 2015.
- Alaa Hasan (2015) “The Biocultural Implications of Psychosocial Stress on the Age of Menarche in War-Torn Regions,” poster presented at the EMU Undergraduate Symposium, March 2015.
- Henry Hakamaki (2015) “Spondylolysis in a Medieval French Population: Incidence Rates with Changes in BMI and Geometry,” paper presented at the EMU Undergraduate Symposium, March 2015.
- Linda Harrison (2015), “Reconstructing Ancient Diet Through Stable Isotope Analysis of Human Dental Calculus,” paper presented at the EMU Undergraduate Symposium, March 2015, Provost’s Research Experience for Undergraduate Students Award recipient.
- Hannah Hilbert (2015) “Manifestations of Linguistic Diversity as Evidenced by the Mental Spine,” paper presented at the EMU Undergraduate Symposium, March 2015.

- Taylor Kirchoff (2015) “Dental Enamel Hypoplasia in an Early Medieval French Population: Age of Stress Event,” paper presented at the EMU Undergraduate Symposium, March 2015.
- Hannah Hilbert (2014) “Cranio-Facial Manifestations of Language in the Bio-Cultural Evolution of the Genus,” paper presented at the EMU Undergraduate Symposium, March 2014.
- Taylor Kirchoff (2014) “Patterns of Dental Enamel Hypoplasia in a Medieval French Population: Evidence of Malnutrition,” paper presented at the EMU Undergraduate Symposium, March 2014.

### **University Service and Professional Service:**

2021	Chair, Publications and Documents Subcommittee, Humanitarian and Human Rights Resource Center, American Academy of Forensic Sciences
2021	Chair, Scholarly/Creative Activity & Sabbatical Support Subcommittee, EMU AAUP Bargaining Council
2020-present	Personnel Committee, Department of Sociology, Anthropology, and Criminology
2019	Anthropology Curriculum Committee Chair, EMU
2018-present	Gordie Howe International Bridge (GHIB) project’s Human Remains Oversight Committee
2018	Abstract Reviewer for American Academy of Forensic Sciences 2019 Annual Meetings, August 2018.
2016-2018	Anthropology Chair, Michigan Academy of Science, Arts & Letters
2016-2017	Secretary of the Board for FLY Children’s Art Center of Ypsilanti, Michigan
2015-2016	Anthropology Curriculum Committee Chair, EMU
2015- present	Institutional Review Board, Expedited Reviewer, EMU
2014- present	Grade Grievance Committee alternate, EMU
2011-13	Faculty Senate Assembly, University of Michigan-Dearborn
2009-13	Institutional Review Board, Expedited Reviewer, University of Michigan – Dearborn

### **Professional Association Memberships**

American Academy of Forensic Sciences, full member (AAFS)  
 American Association of Physical Anthropologists, full member (AAPA)  
 American Anthropological Association (AAA)  
 Society of Forensic Anthropologists (SOFA)  
 Michigan Academy of Science, Arts, & Letters, discipline chair 2016-2018 (MASAL)  
 Michigan Mortuary Response Team (MI-MORT)  
 International Academy of Legal Medicine, member (IALM)  
 Forensic Anthropology Society of Europe, member (FASE)  
 Lambda Alpha Anthropology Honors Society, Michigan Gamma Chapter