

Kelly R. Kamnikar, Ph.D.

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EDUCATION

- 2022 Ph.D. Michigan State University, East Lansing, MI. Biological Anthropology.
Title: *Cranial Metric and Nonmetric Variation in Southeast Mexico and Guatemala: Implications for Population Affinity Assessment in the United States* Chair: Joseph T Hefner
- 2015 M.A. Mississippi State University, Mississippi State, MS. Applied Anthropology.
Title: *Investigating the Utility of Age-dependent Cranial Vault Thickness as an Aging Method for Juvenile Skeletal Remains on Dry Bone, Radiographic and Computed Tomography Scans*. Chair: Nicholas P Herrmann
- 2008 B.S. *cum laude* University of North Dakota, Grand Forks ND. Forensic Science.
Academic adviser: Phoebe R Stubblefield

RESEARCH INTERESTS

forensic anthropology, population affinity, biological distance, age estimation, human rights, bioarchaeology, trauma analysis

APPOINTMENTS

- 2022-2024 Postdoctoral Researcher, Department of Anthropology, University of New Mexico, Albuquerque, NM.
- 2022-present Adjunct Professor, Department of Anthropology, Michigan State University, East Lansing, MI.
- 2020-present Senior Project Collaborator, Georgian Recovery, Documentation, and Identification Project (<https://gafa.edu.ge/>), Tbilisi, Georgia.
- 2019-present Consultant, International Committee of the Red Cross
- Honduras Delegation, Tegucigalpa, Honduras
 - El Salvador Delegation, San Salvador, El Salvador
 - Headquarters, Geneva, Switzerland
- 2020-2021 Instructor, Department of Anthropology, Rutgers University, New Brunswick, NJ.

PUBLICATIONS (*Peer Reviewed)

Journal Articles

- 2024* **Kamnikar KR**, Appel NS, Menegaz R, Jashashvili T, Hill E, Edgar HJH. Technical Note: Measuring bicondylar length in computed tomography data. *American Journal of Biological Anthropology*. Early View. <https://onlinelibrary.wiley.com/doi/10.1002/ajpa.25032>

- 2024* **Kamnikar KR**, Appel NS, Rangel E, Adolphi N, Abeyta-Brown A, Ousley SD, Edgar HJH. Stature estimation equations for modern American Indians in the American Southwest. *Forensic Science International*.361:112151. <https://doi.org/10.1016/j.forsciint.2024.112151>
- 2024* Edgar HJH, Spradley MK, **Kamnikar KR**, McKeown A. Roadmap to the Future: Calipers to Digitizing to Virtual Osteology. [Invited]. *Forensic Anthropology*. Early View.
- 2023* Devota C, **Kamnikar KR**, Isaac CV, Hefner JT. A unique case of hereditary multiple osteochondromas in the feet. *Forensic Anthropology*, 6(2):117-122.
- 2023* Plemons AM, **Kamnikar KR**, Goots AC, Biggs J. Landmark and Measurement-based Data Assistant (LAMbDA): A pedagogical tool for cranial landmark data collection. *Forensic Anthropology*, 6(2):92-98. <https://doi.org/10.5744/fa.2022.0022>
- 2021* **Kamnikar KR**, Hefner JT, Monsalve T, Bernal Flores L. Craniometric variation in a regional sample from Antioquia, Medellín, Colombia: Implications for forensic work in the Americas. [Variación craneométrica en una muestra regional de Antioquia, Medellín, Colombia: Consecuencias para el trabajo forense en las Américas]. [Invited]. *Forensic Anthropology*,5(3):199-210.
- 2020* Dunn RR, Spiros MC, **Kamnikar KR**, Plemons AM, Hefner JT. Ancestry estimation in forensic anthropology: A review. *WIREs Forensic Science*.
- 2019* Zuckerman MK, **Kamnikar KR**, Herrmann NP, Franklin J. Applying the Index of Care to the Mississippian Period: A case study of treponemal disease, bodily impairment, and probable caregiving from the Holliston Mills Site, TN. *International Journal of Osteoarchaeology*, 29(5):843-853.
- 2018* **Kamnikar KR**, Herrmann NP, Plemons AM. New approaches to juvenile age estimation in forensics: Application of transition analysis via the Shackelford et al method to a diverse modern subadult sample. [Invited]. *Human Biology*, 90(1): 11-30.
- 2018* **Kamnikar KR**, Plemons AM, Hefner JT. Intraobserver error in macromorphoscopic traits. *Journal of Forensic Sciences*, 63:361-370.
- 2014* Zuckerman MK, **Kamnikar KR**, Mathena SA. Recovering the Body Politic: Relational ethics in bioarchaeology. *Cambridge Archaeological Journal*, 24:513-522.

Book Chapters

- 2025 **Kamnikar KR**, Chrysostomou P, Benedix DC, Taylor JA, Guyomarc'h P. The International Committee of the Red Cross's Forensic Unit and Humanitarian Forensic Anthropology. In: Passalacqua NV, Pilloud M, eds. *Handbook of Forensic Anthropology*. Routledge. *In press*.
- 2024 Spiros MC, **Kamnikar KR**, Plemons AM. Population affinity estimation. In: Payne-James J, Byard R, eds. *Encyclopedia of Forensic and Legal Medicine*, 3rd Edition. Elsevier. [Invited].
- 2022 **Kamnikar KR**, Plemons AM, Spiros MC, Hefner JT. Estimación de la ancestría utilizando características morfológicas. In: Quinto-Sánchez M, Gómez-Valdés J, eds. *Avances en Antropología Forense*. Mexico City: Universidad Nacional Autónoma de México. [Invited].

Technical Reports

- 2024 Semi-Annual Progress Report #5 to the National Institute of Justice for Award No. NIJ-21-GG-014139-SLFO. PI: Edgar HJH. June 30, 2024.

- 2024 Progress Report #3 to the National Institute of Standards and Technology for Congressionally Directed Spending. PI: Edgar HJH. March 30, 2024.
- 2023 Progress Report #2 to the National Institute of Standards and Technology for Congressionally Directed Spending. PI: Edgar HJH. October 30, 2023.
- 2023 Progress Report #1 to the National Institute of Standards and Technology for Congressionally Directed Spending. PI: Edgar HJH. July 30, 2023.
- 2023 Semi-Annual Progress Report #3 to the National Institute of Justice for Award No. NIJ-21-GG-014139-SLFO. PI: Edgar HJH. June 30, 2023.
- 2022 Semi-Annual Progress Report #2 to the National Institute of Justice for Award No. NIJ-21-GG-014139-SLFO. PI: Edgar HJH. December 31, 2022.
- 2019 Semi-Annual Progress Report #1 to the National Institute of Justice for Award No. 2018-DU-BX-0182. PI: Herrmann NP, Hefner JT. June 30, 2019.
- 2018* Final Project Overview. *A Macromorphoscopic Databank: Establishing the Statistical Analysis of Macromorphoscopic Data in Forensic Anthropology*. National Institute of Justice Award No. 2015-DN-BX-K012. PI: Hefner JT. October 1, 2018.
- 2018 Semi-Annual Progress Report #6 to the National Institute of Justice for Award No. 2015-DN-BX-K012. PI: Hefner JT. December 31, 2018.
- 2018 Semi-Annual Progress Report #5 to the National Institute of Justice for Award No. 2015-DN-BX-K012. PI: Hefner JT. June 30, 2018.
- 2017 Semi-Annual Progress Report #4 to the National Institute of Justice for Award No. 2015-DN-BX-K012. PI: Hefner JT. December 31, 2017.
- 2017 Semi-Annual Progress Report #3 to the National Institute of Justice for Award No. 2015-DN-BX-K012. PI: Hefner JT. June 30, 2017.
- 2016 Semi-Annual Progress Report #2 to the National Institute of Justice for Award No. 2015-DN-BX-K012. PI: Hefner JT. December 31, 2016.

Forensic Case Reports (*Peer Reviewed)

New Mexico Office of the Medical Investigator

- 2023-04457* **Kamnikar KR**, Appel NS, Edgar HJH. Biological profile analysis and report writing.
- 2023-05168* **Kamnikar KR**, Edgar HJH. Photography, biological profile analysis, and report writing.
- 2022-04385* **Kamnikar KR**, Edgar HJH. Photography, trauma analysis, and report writing.
- 2022-04552* **Kamnikar KR**, Edgar HJH. Photography, biological profile analysis, and report writing.

Michigan State University Forensic Anthropology Laboratory

- FA005-22* **Kamnikar KR**, Dunn RR, Isaac CV. Radiographic identification and report writing.
- FA004-21* **Kamnikar KR**, Isaac CV. Radiographic identification and report writing.
- FA012-20* **Kamnikar KR**, Hefner JT. Radiographic identification and report writing.
- FA005-20* **Kamnikar KR**, Spiros MC, Hefner JT. Trauma analysis, report writing, and photography.
- FA037-19* **Kamnikar KR**, Spiros MC, Isaac CV. Radiographic identification, trauma analysis, report writing, and photography.
- FA032-19* **Kamnikar KR**, Isaac CV. Radiographic identification, trauma analysis, report writing and photography.

- FA026-19* **Kamnikar KR**, Isaac CV. Radiographic identification and report writing.
- FA005-19* **Kamnikar KR**, Spiros MC, Hefner JT. Population affinity analysis of anatomical specimens, report writing, and photography.
- FA058-18* **Kamnikar KR**, Hefner JT. Radiographic identification and report writing.
- FA057-18* **Kamnikar KR**, Hefner JT. Radiographic identification and report writing.
- FA052-18* **Kamnikar KR**, Hefner JT. Radiographic identification and report writing.
- FA026-18* **Kamnikar KR**, Hefner JT. Trauma analysis, report writing, and photography.
- FA040-17* **Kamnikar KR**, Hefner JT. Biological profile analysis, report writing, and photography.
- FA056-16* **Kamnikar KR**, Plemons AM, Hefner JT. Biological profile analysis, report writing, and photography.

Argentine Forensic Anthropology Team (EAAF)

- 2019* **Kamnikar KR**. Twelve case reports for the 2018 lab season. Biological profile analysis and report writing.

Mississippi State University Forensic and Bioarchaeology Laboratory

- MSU2014-19 **Kamnikar KR**, Fuehr S, Herrmann NP. Biological profile analysis, report writing, and photography.
- MSU2014-12 **Kamnikar KR**, Herrmann HP. Biological profile analysis, report writing, and photography.
- MSU2014-08 **Kamnikar KR**, Herrmann HP. Trauma analysis, report writing, and photography.
- MSU2014-05 **Kamnikar KR**, Herrmann HP. Biological profile analysis, report writing, and photography.
- MSU2014-04 **Kamnikar KR**, Herrmann HP. Trauma analysis, report writing, and photography.
- MSU2014-03 **Kamnikar KR**, Plemons AM, Herrmann HP. Biological profile analysis, report writing, and photography.
- MSU2014-01 **Kamnikar KR**, Plemons AM, Herrmann HP. Biological profile analysis.
- MSU2013-03 **Kamnikar KR**, Plemons AM, Herrmann HP. Biological profile analysis, report writing, and photography.
- MSU2010-02 **Kamnikar KR**, Herrmann HP. Biological profile analysis (cranium only), report writing, and photography.

Other Publications

- 2023 **Kamnikar KR**. Forensic Anthropology analytical protocol and accompanying manual. For the national medico-legal institutions in Honduras and El Salvador. The International Committee of the Red Cross: Honduras and El Salvador Delegations.
- 2022 **Kamnikar KR**. *Cranial Metric and Nonmetric Variation in Southeast Mexico and Guatemala: Implications for Population Affinity Assessment in the United States*. [Doctoral dissertation]. Michigan State University: East Lansing, MI.
- 2018 Hefner JT, Plemons AM, **Kamnikar KR**, Ousley SD, Linde KC. *Macromorphoscopic Software Version 1.61 User Manual*. Version 1.0.
- 2016 **Kamnikar KR**. *Investigating the Utility of Age-Dependent Cranial Vault Thickness as an Aging Method for Juvenile Skeletal Remains on Dry Bone, Radiographic and Computed Tomography Scans*. [Master's thesis]. Mississippi State University: Starkville, MS.

Software Programs

- 2020 Plemons AM, **Kamnikar KR**. Subadult Dental Age Estimation. [Website]. (<https://tada.wp.txstate.edu/>)
- 2019 Hefner JT, **Kamnikar KR**. TA Dental Data Collection (alpha 1.0.1). [Computer Program]. Michigan State University: East Lansing, MI.
- 2017 Plemons AM, Goots AC, **Kamnikar KR**. LAMBDA: Landmark and Measurement-based Data Assistant. [Website]. (<http://locatelambda.org/>)

GRANT SUPPORT (total funding to date: \$30,789)

- 2023 Co-Principal Investigator. "Incorporating Cultural Information in Forensic Casework: Insights from South Texas and Guatemala". (Co-PI: Heather Edgar). Alfonso Ortiz Center for Intercultural Studies, University of New Mexico. \$6,120
- 2020 Co-Principal Investigator. "Anthropological Analysis of Victims of the Soviet-Era Terror in Georgia". (PI: Meri Gonashvili, Co-PIs: Nicholas Herrmann, Joseph Hefner). Humanitarian and Human Rights Resource Center, American Academy of Forensic Sciences. \$20,000.
- 2020 Principal Investigator. "Cranial Metric and Nonmetric Variation in Southeast Mexico, Guatemala, and El Salvador: Implications for Forensic Ancestry Assessment in the United States". Thompson Research Grant, College of Social Sciences, Michigan State University. \$350.
- 2019 Principal Investigator. "Cranial Metric and Nonmetric Variation in Southeast Mexico, Guatemala, and El Salvador: Implications for Forensic Ancestry Assessment in the United States." Tinker Field Research Grant, Center for Latin American and Caribbean Studies (CLACS), Michigan State University. \$1,700.
- 2019 Principal Investigator. "Cranial Metric and Nonmetric Variation in Southeast Mexico, Guatemala, and El Salvador: Implications for Forensic Ancestry Assessment in the United States." Kenneth E and Marie J Corey Research Endowment, Michigan State University, College of Social Sciences. \$1,000.
- 2019 Principal Investigator. "Cranial Metric and Nonmetric Variation in Southeast Mexico, Guatemala, and El Salvador: Implications for Forensic Ancestry Assessment in the United States." Research Scholars Award, Michigan State University, College of Social Sciences. \$1,619.

RESEARCH EXPERIENCE

- 2022-24 Post-doctoral Researcher. Funding through the National Institute of Justice Grant entitled *Improving Identification of Unknown American Indians and Hispanic/Latinx Americans*. Award No. 15NIJ-21-GG-04139-SLFO. PI: Edgar HJH.
- 2019-21 Graduate Research Assistant. Funding through the National Institute of Justice Grant entitled *Investigation of Subadult Dental Age-at-Death Estimation Using Transition Analysis and Machine Learning Methods*, Award No. 2018-DU-BX-0182. PIs: Herrmann NP, Hefner JT.
- 2016-18 Graduate Research Assistant. Funding through National Institute of Justice Grant entitled *A Macromorphoscopic Databank: Establishing the Statistical Analysis of Macromorphoscopic Data in Forensic Anthropology*, Award No. 2015-DN-BX-K012. PI: Hefner JT.

2013-14 Graduate Research Assistant. Funding through the Mississippi State Asylum Cemetery Project. PI: Herrmann NP.

PRESENTATIONS

Conference Presentations:

- 2025 **Kamnikar KR**, Appel NS, Spiros MC, Cantrell H, Edgar HJH. *Improving Identification of Unknown American Indians and Hispanic/Latinx Americans*. Poster presented at the National Institute of Justice Research and Development Symposium, American Academy of Forensic Sciences, Baltimore, MD, February 18.
- 2024 **Kamnikar KR**, Appel NS, Rangel E, Edgar HJH. *El uso de muestras osteológicas virtuales para combatir problemas en la antropología forense: Ejemplos del estado de Nuevo Mexico, EE.UU.* Paper presented at the anual meeting of the Latin American Association of Forensic Anthropology (ALAF). Panama City, Panama, October 21-23.
- 2024 Adolphi NL, Edgar HJH, Haber K, **Kamnikar KR**, Appel NS, Rangel E. *Determining decedent stature from PMCT images in the New Mexico Decedent Image database (NMDID)*. Paper presented at the annual meeting of the International Society of Forensic Radiology and Imaging. Krakow, Poland, May 7-9.
- 2024 Rangel E, **Kamnikar KR**, Appel NS, Edgar HJH. *A Comparison of Stature estimation methods for contemporary American Indians*. Paper presented at the annual meeting of the American Association of Biological Anthropologists. *Outstanding Student Paper Award*.
- 2024 **Kamnikar KR**, Edgar HJH, Appel NS, Rangel E. *Improving Identification of Unknowns American Indians and Hispanic/Latinx Americans*. Poster presented at the National Institute of Justice Research and Development Symposium, American Academy of Forensic Sciences, Denver, CO, February 20.
- 2023 Appel NS, **Kamnikar KR**, Edgar HJH. *Mejorando la identificación de desconocidos que son Estadounidenses Hispanos y gente indígena de los EEUU*. Poster presented at the XXII Coloquio Internacional de Antropología Física "Juan Comas" in Mexico City, Mexico, November 6-10.
- 2023 Appel NS, Edgar HJH, **Kamnikar KR**. *Improving Forensic Identification of unknown Native and Hispanic Americans: Results, Progress, and Future Endeavors*. Poster presented at Pittcon Conference in Pittsburgh, February 23-28.
- 2023 **Kamnikar KR**. *Biological Distance Assessment Using Matched Data from Two Geographically Proximate Samples in Latin America*. Paper presented at the 75th annual meeting of the American Academy of Forensic Sciences in Orlando, FL. February 13-18.
- 2023 Gonashvili M, **Kamnikar KR**, Herrmann NP, Tavartkiladze N, Takniashvili T, Chachkhiani B, Beane K. *The Georgian Recovery, Documentation, and Identification Project: Preliminary Results from a Mass Grave Excavation*. Paper presented at the 75th annual meeting of the American Academy of Forensic Sciences in Orlando, FL. February 13-18.
- 2023 Edgar HJH, **Kamnikar KR**, Busby T, Martinez J, Meyer J, Peña Muñoz M, Rios R, Wallace I, Appel N, Ousley SD. *A Reassessment of Stature for modern Native Americans using the New Mexico Decedent Image Database (NMDID) data*. Paper presented at the 75th annual meeting of the American Academy of Forensic Sciences in Orlando, FL. February 13-18.

- 2023 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. *Navigating stakeholder relationships in humanitarian forensic work: Lessons learned from Georgia*. Poster presented at the Humanitarian and Human Rights Resource Center Poster Session at the 75th annual meeting of the American Academy of Forensic Sciences in Orlando, FL. February 13-18.
- 2022 Sauter CR, **Kamnikar KR**, Hefner JT, Herrmann NP, Spence JE. *The impact of sex and population affinity on the dental development of subadult individuals*. Poster presented at the 74th annual meeting of the American Academy of Forensic Sciences meeting in Seattle, WA. February 21-25.
- 2021 Spiros MC, **Kamnikar KR**. *Reporting biases between missing persons and unidentified persons in the U.S.* Paper presented at the 73rd annual meeting of the American Academy of Forensic Sciences virtual meeting. February 17-20.
- 2020 **Kamnikar KR**, Plemons AM, Herrmann NP, Spence JM, Heuzé Y, Hefner JT. *Comparison of two dental age estimation methods within transition analysis*. Poster presented at the 72nd annual meeting of the American Academy of Forensic Sciences in Anaheim, CA. February 18-21.
- 2018 Plemons AM, Hefner JT, **Kamnikar KR**. *Refining Asian ancestry classifications via cranial macromorphoscopic traits*. Poster presented at the 87th annual meeting of the American Association of Physical Anthropology in Austin, TX. April 11-14.
- 2018 **Kamnikar KR**, Herrmann NP, Plemons AM. *New approaches to juvenile age estimation in forensics: Application of transition analysis via the Shackelford et al method to a diverse modern subadult sample*. Poster presented at the 87th annual meeting of the American Association of Physical Anthropology in Austin, TX. April 11-14.
- 2018 **Kamnikar KR**, Goots AC, Plemons AM. *Landmark and Measurement-based Data Assistant (LAMbDA): A Pedagogical tool for cranial landmark data collection*. Poster presented at the 70th annual meeting of the American Academy of Forensic Sciences in Seattle, WA. February 19-24.
- 2018 **Kamnikar KR**, Herrmann NP, Plemons AM. *New approaches to juvenile age estimation in forensics: Application of transition analysis via the Shackelford et al method to a diverse modern subadult sample*. Paper presented at the 3rd annual Anthropology Graduate Research Symposium, Michigan State University. February 2.
- 2017 **Kamnikar KR**, Hefner JT. *Long-term observer error, observer experience, and the value of trait standardization in macromorphoscopic trait analysis*. Poster presented at the 69th annual meeting of the American Academy of Forensic Sciences in New Orleans, LA. February 14-18.
- 2017 **Kamnikar KR**, Goots AC, Plemons AM. *LAMbDA: Landmark and Measurement-based Data Assistant*. Paper presented at the 2nd annual Anthropology Graduate Research Symposium, Michigan State University. January 27.
- 2016 Plemons AM, **Kamnikar KR**. *Macromorphoscopic traits: Ancestry estimation in the 21st century using cranial nonmetric trait data*. Paper presented at the 8th annual regional Forests, Lakes and Grasslands Forensic Anthropology Meeting, Holland, MI. October 28-29.
- 2016 **Kamnikar KR**, Herrmann NP, Guyomarc'h PM, Zuckerman MK. *Estimating age in juvenile crania using cranial vault thickness (CVT)*. Poster presented at the 68th annual meeting of the American Academy of Forensic Sciences in Las Vegas, NV. February 22-27.

- 2015 Herrmann NP, Zaleski S, **Kamnikar KR**. *Life, death and impairment at Russell Cave*. Paper presented at the 72nd annual Southeastern Archaeological Conference in Nashville, TN. November 18-21.
- 2015 **Kamnikar KR**, Zuckerman MK, Herrmann NP, Franklin JD. *Interpreting functional impairment in the Mississippian Period: A case study from the Holliston Mills Site, TN*. Paper presented at the 84th annual meeting of the American Association of Physical Anthropologists, in St. Louis MO. March 25-29.
- 2015 Sandhu KA, Zuckerman MK, Higgs BN, Harper KN, **Kamnikar KR**, Sullivan WM. *Paleoepidemiological approaches to treponemal disease*. Poster presented at the 84th annual meeting of the American Association of Physical Anthropologists, in St. Louis MO. March 25-29.
- 2014 **Kamnikar KR**, Plemons AM, Herrmann NP, Anderson DT, Zuckerman MK. *Forensic methods applied in a bioarchaeological context: The Gale Family Cemetery*. Poster presented at the 79th annual meeting of the Society for American Archaeology, in Austin TX. April 23-27.
- 2013 **Kamnikar KR**, Plemons AM, Herrmann NP, Anderson DT, Zuckerman MK. *Gale Family Cemetery Project*. Paper presented at the annual Mountain, Swamp and Beach Regional Forensic Conference in Starkville MS. August 31.

Presented Workshops

- 2021 **Kamnikar KR**. Six-day intensive training course on craniometric and macromorphoscopic data collection using ThreeSkull and FORDISC; transition analysis in age estimation using TA3 and TADA. Workshop presented in Spanish for the anthropologists in the Subárea de Antropología. Instituto Nacional de Ciencias Forenses (INACIF), Guatemala City, Guatemala, June 2-9.
- 2021 **Kamnikar KR**, Robledo I, Herrmann NP. *Análisis transicional: aplicaciones para estimar la edad en restos humanos esquelitizados*. Workshop presented in Spanish for the Fundación de Antropología Forense de Guatemala (FAFG), Guatemala City, Guatemala (virtual), May 14.
- 2021 **Kamnikar KR**. *Técnicas de medición craneofacial y su interpretación con el software Fordisc 3.0*. Workshop presented in Spanish for the Instituto Nacional de Ciencias Forenses (INACIF), Guatemala City, Guatemala (virtual), March 29.
- 2020 **Kamnikar KR**. *El análisis craneométrico*. Workshop presented in Spanish at the Instituto Nacional de Ciencias Forenses (INACIF), Guatemala City, Guatemala. January 10.
- 2019 Hefner JT, **Kamnikar KR**, Plemons AM. *Macromorphoscopic (MMS) traits: Data collection and analysis*. Workshop presented at Texas State University, San Marcos, November 22.
- 2019 **Kamnikar KR**, Herrmann NP, Robledo I. *Análisis transicional para la estimación de la edad biológica*. Workshop presented in Spanish at the XV Congress of the Asociación Latinoamericana de Antropología Forense in Puno, Peru. October 21-25.
- 2018 **Kamnikar KR**, Herrmann NP, Plemons AM. *Análisis transicional para la estimación de la edad biológica*. Workshop presented in English and Spanish at the XIV Congress of the Asociación Latinoamericana de Antropología Forense in Santa Marta, Colombia. October 22-26.
- 2018 Hefner JT, **Kamnikar KR**, Plemons AM. *Macromorphoscopic (MMS) traits: Data collection and analysis*. Workshop presented at the 70th annual meeting of the American Academy of Forensic Sciences in Seattle, WA. February 19-24.

2016 Hefner JT, **Kamnikar KR**, Plemons AM. *Macromorphoscopic (MMS) traits: Introduction and data collection*. Workshop presented at Khon Kaen University, Khon Kaen, Thailand. December.

Invited Lectures/Panels

- 2023 **Kamnikar KR**, Edgar HJ, Appel NS. Presentation on project progress to the UNM Missing and Murdered American Indian Advisory Group. August 15.
- 2022 **Kamnikar KR**, Plemons AM. John Jay College Forensic Anthropology Club. *Panel on Graduate School in Forensic Anthropology*. May 2.
- 2020 **Kamnikar KR**. *Establecimiento de análisis estadístico de datos macromorfooscópicos y craneométricos del INACIF*. Presentación de investigaciones científicas 2019-2020, con el respaldo del Área de Investigación y Desarrollo Científico del INACIF. Guatemala City, Guatemala (virtual). October 21-22. https://www.youtube.com/watch?v=8SjfkXSGBBE&feature=emb_logo
- 2020 **Kamnikar KR**. *El análisis macromorfooscópico y craneométrico en la antropología forense*. Instituto Nacional de Ciencias Forenses de Guatemala, Guatemala City, Guatemala. January.
- 2020 **Kamnikar KR**. *Variación métrica y no métrica del cráneo en el sureste de México, Guatemala, y El Salvador: Implicaciones forenses para la estimación de la ancestría en los EEUU*. Instituto Nacional de Ciencias Forenses de Guatemala, Guatemala City, Guatemala. January.

Symposiums

- 2020 Biggs J, **Kamnikar KR**, Plemons AM, Spiros MC, Watson EO. Co-organized the 5th annual *Graduate Research Symposium*, Michigan State University. February.
- 2019 **Kamnikar KR**, Plemons AM, Biggs J. Co-organized the 4th annual *Graduate Research Symposium*, Michigan State University. February.

Other Events

- 2024 **Kamnikar KR**, Edgar HJH. Co-organized a lecture and workshop “*Incorporating Cultural Information in Forensic Casework: Insights from South Texas and Guatemala*”, University of New Mexico, April.

TEACHING

Rutgers University

- 2021 21:070:314:B5 Topics in Anthropology: Introduction to Forensic Anthropology
(Instructor)

Michigan State University Undergraduate Courses

- 2021 ANP 203: Introduction to Archaeology
(Teaching Assistant)
- 2020 ANP 270: Women and Health: Anthropological and International Perspectives
(Teaching Assistant)
- 2020 ANP 270: Women and Health: Anthropological and International Perspectives
(Instructor)

Mississippi State University Undergraduate Courses

2012-14 AN 1344: Introduction to Biological Anthropology (Teaching Assistant)

University of North Dakota Undergraduate Courses

2006-07 ANAT 204L: Anatomy for Paramedical Personnel Laboratory (Teaching Assistant)

Short Courses

2021 Short Course in Forensic Anthropology, lecture and practical activity for medical-legal professionals working in Honduras and El Salvador. Sponsored by the International Committee of the Red Cross. Tegucigalpa, Honduras. November 3-8.

2019 Human Remains Course. Lecture, hands-on osteology laboratory, and full-scale excavation training course for Michigan State Police. Lansing, MI.

2006-07 Skeletal Analysis, National Student Leadership Conference, American University

2006-07 Conflict Resolution, National Student Leadership Conference, American University

Class Lectures

2019 *Understanding the Past: Archaeological and Paleoanthropological Methods*. Michigan State University, MI.

2018 *Introduction to Forensic Anthropology*. Michigan State University, MI.

2015 *Forensic Anthropology in Humanitarian Contexts*. Mississippi State University, MS.

2015 *Forensic Anthropology*. Mississippi State University, MS.

2014 *Linguistic Anthropology*. Mississippi State University, MS.

2013 *Forensic Anthropology*. Mississippi State University, MS.

2012 *IHL and the ICRC*. Mississippi State University, MS.

Student Mentorship

Esteban Rangel University of New Mexico, 2023-present

Nicollette Appel University of New Mexico, 2022-present

Hannah Cantrell University of New Mexico, 2022

Carolynn Sauter Michigan State University, 2021; Andrew Undergraduate Research Fellow (2020-2021)

Anna Doyle Michigan State University, 2018

Hannah Trevino Michigan State University, 2018

Abigale Whipple Mississippi State University, 2015

Lauren Scott Mississippi State University, 2015

PROFESSIONAL TRAINING

2020 *Utilizing Culturally Responsive Strategies in Student Instruction*, Michigan State University; Ayeni F.

2019 *Dental Development Workshop*, Dental Anthropology Association, Cleveland, OH; Liversidge H, Stull S.

- 2017 *Disaster Victim Identification* – Combined DMORT and MIMORT full scale activity. Western Michigan University, Kalamazoo, MI.
- 2015 *Histology in Anthropology: Introduction and Practical Uses in Bioarchaeology and Forensic Research*, Mississippi State University: Starkville, MS; Michael AR.
- 2013 *Perimortem Trauma Workshop*, Mountain, Swamp and Beach Regional Forensic Conference, Mississippi State University: Starkville, MS; Steadman DW.
- 2012 Forensic Anthropology Internship, project assistant to Carl Stephan, Central Identification Laboratory-Joint POW/MIA Accounting Command, Hickam Air Force Base, HI.
- 2011 *ICRC AMPM Database Training of Trainers*, Ecogia, Switzerland.
- 2011 *ICRC 4th International Course on Management of the Dead in Armed Conflicts and Catastrophes*, Ecogia, Switzerland.
- 2010-12 Humanitarian Forensic Anthropology Traineeship, assistant to Tidball-Binz M and Martin S, International Committee of the Red Cross, Geneva, Switzerland.
- 2008 Forensic Anthropology Internship, assistant to Snow F, Georgia Bureau of Investigation, Decatur, GA.

HUMAN SKELETAL ANALYSIS

- 2022-present Forensic Anthropologist Volunteer, New Mexico Office of the Medical Investigator, Forensic Anthropology Laboratory. Director: Edgar HJH.
- 2016-22 Osteological Technician, 12 cases, Michigan State University Forensic Anthropology Laboratory. Directors: Fenton TW, Hefner JT, Isaac CV.
- 2021 Field Laboratory Director, Georgian Recovery, Documentation, and Identification Project. Batumi Georgia. PI: Gonashvili M.
- 2021 Osteological Assistant, Tulsa Race Massacre Project. City of Tulsa, Oklahoma. Directors: Stubblefield PR, Stackelbeck K.
- 2020 Craniometric and macromorphoscopic data collection, Instituto Nacional de Ciencias Forenses, Guatemala City, Guatemala. PI: Hefner JT.
- 2019 Macromorphoscopic data collection, Xoclán Cemetery Collection, Autonomous University of the Yucatan, Merida, Mexico. PI: Hefner JT.
- 2018 Forensic Anthropologist volunteer, comparison of postmortem information from skeletal cases to antemortem data collected from family members, Colibrí Center for Human Rights, Tucson, Arizona. Supervisor: Monterosso M.
- 2018 Osteological Technician, 12 cases, Argentine Forensic Anthropology Team (EAAF), Tbilisi, Georgia. Director: Simonetto A.
- 2018 Macromorphoscopic data collection for the National Institute of Justice Award No. 2015-DN-BX-K012, Documented Collection, Maxwell Museum, University of New Mexico, Albuquerque, NM. PI: Hefner JT.
- 2017 Osteological Technician, 12 cases, Argentine Forensic Anthropology Team (EAAF), Tbilisi, Georgia. Directors: Salado M, Simonetto A.
- 2017 Macromorphoscopic data collection for the National Institute of Justice Award No. 2015-DN-BX-K012, Bass Collection, University of Tennessee, Knoxville, TN. PI: Hefner JT.

- 2016 Macromorphoscopic data collection for the National Institute of Justice Award No. 2015-DN-BX-K012, Khon Kaen University, Khon Kaen, Thailand. PI: Hefner JT.
- 2015 Osteological technician, Ayio Omoloyites Bioarchaeology Project, Nicosia, Cyprus. PI: Herrmann NP.
- 2014-15 Laboratory Manager, Biological Anthropology Research Laboratory (BARL), Mississippi State University.
- 2013-15 Osteological Technician, 9 cases, Forensic and Biological Anthropology Lab (FAB Lab), Mississippi State University. Director: Herrmann NP.
- 2009 Osteological technician, Asociación para La Recuperación de la Memoria Histórica Española, Ponferrada (León) Spain. Director: Prieto JL.
- 2008 Osteological technician, Forensic Teaching Laboratory University of North Dakota, Grand Forks ND. Director: Stubblefield P.
- 2008 Anatomy dissection, University of North Dakota Medical School, Grand Forks ND. Director: Jackson J.
- 2007 Osteological technician, Grand Forks County ND. Director: Stubblefield P.

ARCHAEOLOGICAL FIELD EXPERIENCE

- 2021 Excavation and recovery of human remains from a mass grave. Georgian Recovery, Documentation, and Identification Project. Batumi, Georgia. PI: Gonashvili, M.
- 2019 Excavation and recovery of human remains. Ingham Township, MI. Director: Hefner JT.
- 2018 Excavation and recovery of human remains. Flint, Michigan. Director: Hefner JT.
- 2015-16 Tennessee Valley Archaeological Research:
 - 2016 Itawamba County MS, Phase III: Excavation of a multi component site for the Mississippi Department of Transportation. Duties included excavation, mapping, profiling, and drawing features. Director: Butz S.
 - 2016 Chocktaw and Attala County MS, Phase I: Site survey along a Tennessee Valley Authority transmission line. Duties included shovel testing, site boundary definition, profiling shovel tests. Director: Manning K.
 - 2016 Lee County MS, Phase I: Site survey serving the Chickasaw Nation. Duties included laying a shovel test grid, shovel testing, profiling shovel tests, recording data using a Topcon. Director: DeGregory R.
 - 2016 Gordon and Whitfield Counties GA, Phase II: Excavation of several sites along a Tennessee Valley Authority transmission line. Duties included excavation, mapping, profiling, and drawing features. Directors: Meeks S, Butz S.
 - 2016 Attala and Yalobusha Counties MS, Phase I: Survey along a Tennessee Valley Authority transmission line. Duties included shovel testing and profiling shovel tests. Directors: Butz S, Manning K.
 - 2015 Coffee County AL, Phase III: Excavation of an archaic site for the Alabama Department of Transportation. Duties included assisting field directors in survey and excavation, mapping, profiling and drawing features. Director: Butz S, Johnson H.

- 2015 Panola County MS, Phase I: Site survey along a Tennessee Valley Authority transmission line. Duties included shovel testing, site boundary definition, and profiling shovel tests. Director: Manning K.
- 2015 University of Mississippi Medical Center, Jackson MS. Project aimed to oversee parking lot removal over historic cemetery grounds. Duties included monitoring trenched areas, mapping trenches with a total station, and note taking. PI: Herrmann NP.
- 2014 University of Mississippi Medical Center Dental School Trenching Project, Jackson MS. Project aimed to oversee construction of dental school building footprint. Duties included backhoe supervision, monitoring, and mapping. PI: Herrmann NP.
- 2014 Aklis Archaeological Site: Sandy Point Wildlife Refuge, St. Croix USVI, Archaeological Excavation Field School. Assisted with emergency excavation of a burial shell midden. Duties included mapping points with a total station, mapping, photographing, excavation of artifacts and human skeletal remains. Director: Herrmann NP.
- 2014 Panola County MS. Forensic Recovery of human remains serving the Panola County Coroner's Office. Duties included mapping points with a total station, setting up a grid, cleaning the ground surface, and recovering skeletal material. Director: Herrmann NP.
- 2013 Nebaj and Quiche, Guatemala. Assisted with excavation of clandestine and mass burials relating to the Guatemalan civil war. Duties included mapping, excavating, recovering human remains, interacting with families of victims. Fundación de Antropología Forense de Guatemala (FAFG). Directors: Gallegas S, Gatica JC.
- 2013 North MS and Nanahala National Forest NC: MSU Archaeological Survey Field School. Assisted with archaeological site survey with the aim to locate and document unknown Native American archaeological sites. Duties included shovel tests along transects, mapping, profiling of test units, excavating and collecting artifacts.
- 2013 Mississippi State Asylum Cemetery Project, Jackson, MS. Assisted with the excavation and recover of human remains interred in the state asylum cemetery. Duties included mapping, photography, excavation and recovery of multiple burials. PI: Herrmann NP.
- 2012 Gale Cemetery Survey, Jackson, MS. Assisted with the excavation and recovery a family cemetery plot. Duties included mapping, photography, excavation, and recovery of two cast iron coffins and two sets of skeletal remains. Director: Herrmann NP.
- 2007 Oslo MN. Assisted with screening a backfill pile for human remains for the Oslo Cemetery Association. Director: Stubblefield S.

PROFESSIONAL SERVICE

- 2025-present Reviewer, *International Journal of Legal Medicine*, Springer.
- 2024 Consultancy for the co-authorship of *Commemorating 20 years of Humanitarian Forensic Action: ICRC Forensic Unit (2004-2024)*. The International Committee of the Red Cross, Headquarters.
- 2024-present Member, *Application Recommendation ad hoc Committee*, American Academy of Forensic Sciences.
- 2022-present Reviewer, *PLOS ONE*, Public Library of Science.

- 2021-present Member, *Education Committee*, Humanitarian and Human Rights Resource Center, American Academy of Forensic Sciences.
- 2021 Evaluator, *Michigan State University Undergraduate Research and Arts Forum*, Michigan State University.
- 2020-present Member, *ad hoc Committee on Outreach, Engagement, Recruitment, and Retention*, American Academy of Forensic Sciences.
- 2020-present Reviewer, *Forensic Sciences Research*, Academy of Forensic Science.
- 2020-present Reviewer, *European Journal of Anatomy*, The Spanish Society of Anatomy.
- 2019-present Reviewer, *Forensic Anthropology*, University of Florida Press.
- 2018-19 Editorial Assistant, *Forensic Anthropology*, University of Florida Press.

Outreach

- 2020 Dunn RR, **Kamnikar KR**, Spiros MC. *Forensic Anthropology*. Hands-on interactive table at the Darwin Day at the Michigan State University Museum
- 2018 Goots AC, **Kamnikar KR**, Watson EO. *Hominin fossils*. Hands-on interactive table at Darwin Day at the Michigan State University Museum.
- 2017 Goots AC, Isa M, **Kamnikar KR**, Plemons AM, Vogelsberg CCM. *Forensic Anthropology*. Forensic anthropology lecture for high school students. Michigan State University.
- 2017 Isa M, **Kamnikar KR**, Vogelsberg CM. *Hominin fossils*. Hands-on interactive table at Darwin Day at the Michigan State University Museum.
- 2016 Hefner JT, Goots AC, Isa M, **Kamnikar KR**, Plemons AM. *Forensic Anthropology*. Forensic anthropology lecture for high school students. Michigan State University.
- 2014-15 *Armstrong Middle School Science Day*. Hands-on exercise in biological anthropology as part of the eighth-grade tour of Mississippi State University's Natural Science Laboratory.
- 2013-15 Mississippi State University Cross-College Forensic Working Group. Conducted decomposition research and attended progress meetings with various departments at Mississippi State University.
- 2014 Herrmann NP, **Kamnikar KR**, Plemons AM, Warner MM. *Human Versus Nonhuman*, Mississippi Coroner Training Workshop. Workshop to train coroners throughout Mississippi to distinguish between human and faunal remains. Assisted in organizing the workshop and oversaw the juvenile human vs small mammal session.
- 2014 *Excavation Station* as part of Mississippi Archaeology Month, Mississippi Archaeology Expo at Mississippi State University.
- 2013 Herrmann NP, Zuckerman MK, **Kamnikar KR**. *Bioarchaeology Information Table*. Part of Mississippi Archaeology Month, Mississippi Archaeology Expo at Mississippi State University.

Membership

- 2024-present American Academy of Forensic Sciences, Anthropology Section, Member
- 2018-2022 *Asociación Latinoamericana de Antropología Forense*, student member
- 2016-2022 *Michigan Mortuary Response Team (MIMORT)*, Forensic Anthropologist
- 2013-2023 *American Academy of Forensic Sciences*, Anthropology Section, Student Member
- 2013-2023 *American Association of Physical Anthropologists*, Student Member

Elected Positions

- 2019-20 Michigan State University Anthropology Graduate Student Association, Co-President
- 2018-19 Michigan State University Anthropology Graduate Student Association, President
- 2017-18 Michigan State University Anthropology Graduate Student Association, Treasurer

AWARDS & SCHOLARSHIPS

American Academy of Forensic Sciences

- 2016 Forensic Science Foundation, Student Travel Award (\$1,500)

Michigan State University

- 2022 Council of Graduate Students, Professionalism Award (\$500)
- 2021 The Graduate School, Dissertation Completion Fellowship (\$7,500)
- 2020 Michigan State University, Department of Student Life, Graduate Student Leader Silver Medalist
- 2020 Department of Anthropology, Travel Award (Summer) (\$500)
- 2019 The Graduate School, Travel Award (\$275)
- 2019 College of Social Sciences, Travel Award (\$450)
- 2019 Department of Anthropology, Travel Award (Fall/Spring) (\$800)
- 2019 Department of Anthropology, Travel Award (Summer) (\$300)
- 2018 Department of Anthropology, Travel Award (Fall) (\$500)
- 2018 College of Social Sciences, Travel Award (Fall) (\$500)
- 2018 Office of International Programs (\$100)
- 2018 Council of Graduate Students, Conference Award (\$300)
- 2018 Department of Anthropology, Travel Award (Spring) (\$1,100)
- 2017 Department of Anthropology, Travel Award (Summer) (\$300)
- 2016 Department of Anthropology, Travel Award (Spring) (\$500)

Mississippi State University

- 2015 Women's Club Scholarship (\$500)
- 2015 College of Arts & Sciences, Graduate Student Travel Support (\$400)
- 2015 Office of the Graduate School, Travel Assistance Grants for Graduate Students (\$400)
- 2015 Department of Anthropology and Middle Eastern Cultures, Travel Award (\$300)
- 2014 Department of Anthropology and Middle Eastern Cultures, Travel Grant (\$150)

FOREIGN LANGUAGE

English-native proficiency

Spanish-fluent (spoken, written, and reading)

French-beginner

Italian-beginner

PRESS/MEDIA

- 2021 *Establecimiento de análisis estadístico de datos macromorfológicos y craneométricos del INACIF*. Presentación de investigaciones científicas 2019-2020, con el respaldo del Área de Investigación y Desarrollo Científico del INACIF; 54:21
https://www.youtube.com/watch?v=8SJfKXSGBBE&feature=emb_logo
- 2020 *The Sci-Files-06/21/2020-Amber, Kelly, Micayla-Talking with Skeletons*. Podcast. Michigan State University Student Radio Station. <https://impact89fm.org/89746/podcasts/the-sci-files-06-21-2020-amber-kelly-micayla-talking-with-skeletons/>
- 2019 *Forensic research to repatriate remains of Latin American immigrants*. Michigan State University, Center for Latin American and Caribbean Studies. <https://www.youtube.com/watch?v=3-cMw6AmdEs&feature=youtu.be>

SOFTWARE PLATFORM PROFICIENCIES

3Skull 2.0

Adobe Creative Suite, including Photoshop, Illustrator and InDesign

ADBOU 2.1 and 3.0

Amira/Aviso Medical Imaging software– ThermoFisher Scientific

Antemortem-Postmortem Database (ICRC AMPM Database)

FORDISC 3.0

MaMD Analytical

MMS 1.61

Microscribe G Digitizer

Microsoft Office Suite

Morphopasse Software

NamUs Database

Osteoware 2.4

'R' statistical package

Shiny-RStudio

TIVMI, medical imaging and analysis software

REFERENCES AVAILABLE UPON REQUEST

Last Updated: January 2025