

Liotta D. Noche-Dowdy, M.A.

**Ph.D. Candidate: Applied Anthropology/
Forensic Anthropology & Bioarchaeology**
Department of Anthropology
College of Arts and Sciences
University of South Florida

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EDUCATION

- 2015 to Present: Ph.D. Candidate, Applied Anthropology (USF)
Forensic Anthropology and Bioarchaeology
Advisor: Erin H. Kimmerle, PhD., Associate Professor
Dissertation proposal: The Application of Multi-Isotope and Trace Elemental Analysis to Assist in Geoprofiling Unidentified Decedents Within Florida and Southeast USA.
- 2015 University of South Florida, Tampa, Fl. (USF)
Master of Arts, Applied Anthropology
Thesis: Multi-Isotope Analysis to Reconstruct Dietary and Migration Patterns of an Avar Population from Sajópetri, Hungary, AD 568-895
- 2009 University of South Florida, Tampa, Fl. (USF)
Bachelor of Science, Biomedical Sciences, Department of Chemistry
- 1996 University of California San Diego (UCSD)
Bachelor of Arts, (Studio) Visual Arts

PROFESSIONAL EXPERIENCE

- 2019-Present Graduate Research Assistant, USF, Department of Anthropology,
Isotope Coordinator: Florida Institute of Forensic Anthropology & Applied
Science (IFAAS)
- 2015-2018 Laboratory Instructor for the Biological Anthropology Lab (ANT 2511L) and
Forensic Anthropology Lab (4520C)
- 2014-2015 Laboratory Manager, USF Forensic Anthropology Laboratory
Graduate Teaching Assistant for Osteology and Forensic Anthropology
- 2010-2014 Graduate Teaching Assistant, University of South Florida
Laboratory Instructor for the Introduction to Biological Anthropology (ANT
2511L)

- 2009-2014 Research Assistant-Laboratory Volunteer, University of South Florida
Department of Anthropology, Forensic Anthropology Laboratory
Assisted with analysis of forensic cases and bioarchaeological analyses.
- 2012 Intern, Hillsborough County Sheriff's Office, Tampa, Florida
Criminal Investigation Division – Cold Case Unit Intern
- 2010-2012 Project Coordinator: Miami One Project (Miami/Dade DA11)
USF Forensic and Bioarchaeology Laboratory, Advisor, Dr. Erin H. Kimmerle.
Inventoried skeletal material, performed osteological analyses for trauma and pathology, and collected skeletal metric analysis.
- 2002-2004 Administrative Assistant and Research Lab Volunteer, USF
Department of Microbiology and Immunology, P.I. Dr. Shaym Mohapatra

RELATED EXPERIENCES

- 2012 GPR-Slice Training, Tampa, Florida, *Short Course Participant*
- 2012 Cemetery Resource Protection Training: Preserving Historic Cemeteries and Human Burial Sites, Tampa, Florida, *Short Course Participant*
- 2011-2014 National Center for Missing and Exploited Children (NCMEC) – Forensic Imaging Techniques, Tampa, Florida, *40 Hour Short Course Participant*
- 2011 National Center for Missing and Exploited Children (NCMEC) – Advanced Forensic Imaging Techniques, Tampa, Florida, *40 Hour Short Course Participant*
- 2010 Advanced Topics in Bloodstain Pattern Analysis, Tampa, Florida, *Short Course Participant*
- 2000-2003 Human Resources Administrative Assistant (Baltimore, Maryland) and CPR and First Aid Instructor (Tampa, Florida) with American Red Cross

PUBLICATIONS AND CONFERENCE PRESENTATIONS

- 2020 Afrin Lopa, **Liotta Noche-Dowdy**, David S. Perry, Timothy Matney, Linda R. Barrett, Erin Kimmerle. Detection and characterization of human decomposition products by infrared spectroscopy. Oral Presentation for the American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting, Anaheim, California.
- 2018 **Liotta Noche-Dowdy**, Kirsten Verostick, Erin H. Kimmerle, and George D. Kamenov. The Application of Multi-Isotope Analysis to Assist with Georeferencing Unidentified Decedents. Oral Presentation for the American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting, Seattle, Washington.

- 2015 **Liotta Noche-Dowdy**, Erin H. Kimmerle, and George D. Kamenov. Stable and Heavy Isotope Analysis: The Successful Use of Chemical Research in the Tampa Bay Cold Case Initiative. Poster Presentation for the American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting, Orlando, Florida.
- 2015 George D. Kamenov and **Liotta N. Dowdy**. Geo-Chemical Profiling for Mobility, Birth Origins, and Diet. Presentation/Workshop for the American Academy of Forensic Sciences (AAFS) Annual Scientific Meeting, Orlando, Florida.
- 2012 **Liotta Noche-Dowdy** and Melissa Pope. Osteological and Multi-Isotopic Analysis of the Avar Tribes in Sajopetri, Hungary (562 – 895 AD). Poster presentation at USF Octoberfest Research Conference, Annual Meeting, Tampa, Florida.
- 2012 **Liotta Noche-Dowdy** and Erin H. Kimmerle. International Consortium for Forensic, Anthropology, and Human Rights (ICFAHR): The Tampa Bay Cold Case Project. Poster presentation and Panel Discussant at the Society of Applied Anthropologists Annual Meeting, Baltimore, Maryland.
- 2012 Anna Rivara, **Liotta Noche-Dowdy**, Ashley Humphries, John Powell, Erin H. Kimmerle. Bioarchaeological Analysis of the Miami-Dade 8DA11 skeletal remains: A glimpse into the population's past health and population structure. Poster presentation at the American Association of Physical Anthropology Annual Scientific Meeting, Portland, Oregon
- 2011 **Liotta N. Dowdy**, Erin H. Kimmerle, PhD., Vernard Adams, M.D. Heating up "Cold Cases": Research and Service for Unsolved Cases of Human Identification. Paper Presentation for General Session at the American Academy of Forensic Sciences Annual Scientific Meeting, Chicago, Illinois.
- 2010 **Liotta N. Dowdy**, Erin H. Kimmerle, PhD. John O. Obafunwa, MD. The Use of Morbidity and Mortality Patterns in Transitional Justice Initiatives Towards Human Identification. Poster Presentation at the American Academy of Forensic Sciences Annual Scientific Meeting, Seattle, Washington.
- 2009 Melissa Pope and **Liotta N. Dowdy**. Radiography as a Tool for Contemporary Anthropological Research. Poster Presentation at the American Academy of Forensic Sciences Annual Scientific Meeting, Denver, Colorado.
- 2009 Melissa Pope and Liotta N. Dowdy. Radiography as a Tool for Contemporary Anthropological Research. USF Undergraduate Research Symposium, 1st Place Award for Poster Presentation.

AWARDS

- 2019-2020 McKnight Dissertation Fellowship Award: Annual tuition and stipend

INVITED LECTURES

2014-2016

Great American Teach-In, Montessori Preparatory School, Tampa, Florida, *General Osteology of Humans and Small Mammals*

2013 Bioarchaeology at Weedon Island Cultural Preserve, assisted Florida Public Archaeology Network (FPAN) with public workshops and outreach programs

2012-2016

Applied Anthropology (ANT 4701) USF, Tampa, Florida, *Tampa Bay Cold Case Project and Associated Case Work as a Graduate Student.*

2012 Introduction of Archaeology (ANT 3101) USF, Tampa, Florida, *Osteological Analysis of the Miami-Dade (DA811) Collection.*

2011 Great American Teach-In, Benito Middle School, Tampa, Florida, *Forensic Anthropology at the University of South Florida*

GRADUATE ADVISOR AND DISSERTATION COMMITTEE MEMBERS

Erin H. Kimmerle, Ph.D., University of South Florida (Graduate Advisor)

Jonathan Bethard, Ph.D., University of South Florida

Robert Tykot, Ph.D., University of South Florida

Zachary Atlas, Ph.D., University of South Florida

George Kamenov, Ph.D., University of Florida, Gainesville, Florida

REFERENCES

Dr. Erin H. Kimmerle

Associate Professor, Department of Anthropology, University of South Florida

Director of the Florida Institute of Forensic Anthropology & Applied Science

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Dr. George D. Kamenov

Associate Professor, Department of Geological Sciences, University of Florida

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