

AMANDA B. LEE

email: aleee103@uic.edu

research interests

Skeletal morphology, asymmetry, allometry, scaling, multivariate analyses, human anatomical variation, postcranial variation, osteometric sorting, forensic anthropology, commingling

current appointment

Department of Anthropology, University of Illinois at Chicago Chicago, IL
Visiting Assistant Professor Aug 2019 – present

education

University of Illinois at Urbana–Champaign Urbana, IL
Ph.D. – Anthropology (Biological) Aug 2014 – Oct 2019 (expected)
Dissertation: *Multivariate Asymmetry and Allometry in Human Limb Bones as a Basis for Osteometric Sorting*
Advisor: *Lyle W. Konigsberg*
Committee: *Laura L. Shackelford, Douglas H. Ubelaker, and Cris E. Hughes*
M.A. – Anthropology Aug 2014 – May 2018
Advisor: *Lyle W. Konigsberg*

New York University New York, NY
B.A. – Anthropology; English & American Literature Aug 2009 – May 2013
Double major (with honors)

teaching appointments

University of Illinois at Chicago Chicago, IL
ANTH 105 Human Evolution, *Lecturer* Aug 2019 – present
ANTH 237 The Human Skeleton, *Lecturer* Aug 2019 – present

University of Illinois at Urbana–Champaign Urbana, IL
MCB 245 Human Anatomy & Physiology Lab, *Teaching Assistant* Fall 2018
ANTH 246 Forensic Science, *Instructor* Summer 2018
ANTH 246 Forensic Science, *Teaching Assistant* Fall 2014, 2015; Spring 2016, 2018
ANTH 347/456 Human Osteology, *Teaching Assistant* Fall 2016, 2017
ANTH 101 Introduction to Anthropology, *Teaching Assistant* Spring 2017
BMS 623 Human Anatomy, *Teaching Assistant* Spring 2016

American Museum of Natural History New York, NY
Sackler Laboratory, *Educator* Jan 2012 – Aug 2014
Human Evolution Summer Course, *Teaching Assistant* Jul 2012 – Jul 2013

professional appointments

Champaign County Coroner Urbana, IL
Deputy Coroner; Autopsy Technician May 2018 – May 2019

Public Service Archaeology and Architecture Program Urbana, IL
Project Facilitator (lab and field survey work) May 2015 – May 2018

Office of Chief Medical Examiner of the City of New York New York, NY
Intern (research and casework) Jun 2015 – Aug 2015

The Evolution Store New York, NY
Principal Skeletal Preparator Sept 2013 – Aug 2014

research
experience

Manila North Cemetery and the University of the Philippines at Diliman <i>Co-Principal Investigator</i>	<i>Metro Manila, Philippines</i> Jun 2016 – Aug 2016
University of Illinois at Urbana-Champaign <i>Research Assistant for Dr. John Polk (skeletal processing)</i>	<i>Urbana, IL</i> Jan 2015 – May 2015
Slavia Field School in Mortuary Archaeology <i>Student/Research Assistant</i>	<i>Drawsko, Poland</i> Jun 2013 – Jul 2013

grants &
awards

List of Teachers Ranked as Excellent <i>University of Illinois at Urbana–Champaign</i>	2016 – 2019
Honorable Mention: Demitri B. Shimkin Award <i>Department of Anthropology, University of Illinois at Urbana–Champaign</i>	2019
Increasing Diversity in Evolutionary Anthropological Sciences (IDEAS) Scholar <i>American Association of Physical Anthropologists</i>	2019
Nomination: Liberal Arts & Sciences Graduate Student Teaching Award <i>University of Illinois at Urbana–Champaign</i>	2019
NSF Doctoral Dissertation Research Improvement Grant (\$6,828) Dissertation Title: <i>Multivariate Asymmetry and Allometry in Human Limb Bones as a Basis for Osteometric Sorting</i> <i>National Science Foundation, Biological Anthropology Program</i>	2018 – 2019
Virginia Dominguez Conference Travel Grant (\$500)	2018
Conference Travel Funding (4 awards, \$250 each) <i>Department of Anthropology, University of Illinois at Urbana–Champaign</i>	2015 – 2018
Graduate Fellowship <i>Department of Anthropology, University of Illinois at Urbana–Champaign</i>	2014 – 2018
Travel Grant (\$200) <i>Paleoanthropology Society</i>	2018
Cognitive Science/AI Award (\$2 000) <i>Beckman Institute, University of Illinois at Urbana–Champaign</i>	2017
Pollitzer Student Travel Award (2 awards, \$500 each), <i>American Association of Physical Anthropologists</i>	2017, 2015
Graduate Summer Research Assistance Award (\$3,300) <i>Department of Anthropology, University of Illinois at Urbana–Champaign</i>	2016
Honorable Mention: Award for Exemplary Student Research <i>American Association of Physical Anthropologists</i>	2016
University Honors Scholar <i>New York University</i>	2013
Dean's List <i>New York University</i>	2012 – 2013
Academic Trustee Scholarship (\$20 000) <i>New York University, College of Arts and Sciences</i>	2009 – 2013

publications

Journal

- **A. B. Lee.** Sex estimation from postcranial elements in Filipino mortuary remains. *Forensic Anthropol.*, 2019.
- **S. A. Williams, J. Spear, L. Petrullo, D. Goldstein, A. B. Lee, A. Peterson, D. Miano, E. Kaczmarek, and M. Shattuck.** Increased variation in numbers of presacral vertebrae in mammals adapted to suspensory behavior and upright posture. *Nat. Ecol. Evol.*, doi: 10.1038/s41559-019-0894-2, 2019.

- A. B. Lee and L. W. Konigsberg. Univariate and linear composite asymmetry statistics for the “pair-matching” of bone antimeres. *J. Forensic Sci.*, doi: 10.1111/1556-4029.13748, 2018.
- M. C. Go, A. B. Lee, J. A. D. Santos, N. M. C. Vesagas, and R.C. Crozier. A newly assembled human skeletal reference collection of modern and identified Filipinos. *Forensic Sci. Int.* 271: 128.e1 – 128.e5, 2017.

invited talks

“Forensic Anthropology” (ANTH 101) <i>University of Illinois at Urbana–Champaign, Urbana, IL</i>	Jan 2017
“Science Outreach in a Museum Setting” (MUSE 200) <i>University of Illinois at Urbana–Champaign, Urbana, IL</i>	Jul 2016
“Building a Filipino Osteological Reference Collection” <i>University of the Philippines Diliman, Metro Manila, Philippines</i>	Aug 2016
“Faunal Skeletal Processing” <i>Morbid Anatomy Museum, Brooklyn, NY</i>	Jul 2014

presentations
& published
abstracts

“An Automated Tool for Measuring Human Limb Bones using 2D Images” <i>Poster Presentation</i> <i>American Association of Physical Anthropologists (AAPA) Meeting, Cleveland, OH</i>	Mar 2019
“Differences in Bilateral Asymmetry of the Femur Between Recent and Archaeological Human Populations Using Multivariate Measures” <i>Poster Presentation</i> <i>Paleoanthropology Society Meeting, Austin, TX</i>	Apr 2018
“Visual Versus Algorithmic Pair-Matching in a Modern Filipino Individuals” <i>Invited Poster Presentation</i> <i>AAPA Meeting, New Orleans, LA</i>	Apr 2017
“Building an Osteological Reference Collection of Modern Filipino Individuals” <i>Invited Poster Presentation</i> <i>AAPA Meeting, New Orleans, LA</i>	Apr 2017
“Pronogrady, Not Fast Speed Specifically, Acts as a Constraint on Vertebral Formula in Mammals” <i>Poster Presentation</i> <i>AAPA Meeting, New Orleans, LA</i>	Apr 2017
“Multivariate Asymmetry in the Femur as a Basis for ‘Pair-Matching’” <i>Podium Presentation</i> <i>AAPA Meeting, Atlanta, GA</i>	Apr 2016
“Similarities in the Primate Vertebral Formulae and Implications for Phylogeny and Locomotor Behavior” <i>Poster Presentation</i> <i>AAPA Meeting, St. Louis, MO</i>	Mar 2015
“Suspension, Brachiation, and the Evolution of Short Torsos in Atelines and Hominoids” <i>Poster Presentation</i> <i>AAPA Meeting, Calgary, AB</i>	Apr 2014

academic
service

Outreach

- Leal Science Night (May 5, 2017 – Leal Elementary School, Champaign, IL)
- Forensic Anthropology Lab Educator (Summer 2011 – Smithsonian Museum of Natural History, Washington, D.C.)

Reviewer

- *Human Biology*

relevant coursework

Graduate level: Human Gross Anatomy, Human Osteology & Odontology, Interpreting the Human Skeletal Morphology, Comparative Vertebrate Anatomy

Other: Intensive course in Human Osteology at the Slavia Field School for Mortuary Archaeology

technical skills

General: R; Microsoft Word/Excel/Powerpoint/Outlook/Access; 3D scanning with NextEngine; Geomagic; FORDISC 3.0; OSSA

Language: French (intermediate)
