

AMANDA B. LEE

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research interests

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

education

University of Illinois at Urbana–Champaign *Urbana, IL*
Ph.D. – Anthropology (Biological) **Aug 2014 – May 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, John D. Polk, 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 Urbana–Champaign *Urbana, IL*
MCB 245 Human Anatomy & Physiology Lab, *Teaching Assistant* **Aug 2018 – present**
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 – present**

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 *Metro Manila, Philippines*
Co-Principal Investigator **Jun 2016 – Aug 2016**

University of Illinois at Urbana-Champaign *Urbana, IL*
Research Assistant for Dr. John Polk (skeletal processing) **Jan 2015 – May 2015**

Slavia Field School in Mortuary Archaeology *Drawsko, Poland*
Student/Research Assistant **Jun 2013 – Jul 2013**

grants & awards

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>	2018
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
Travel Grant (\$200) <i>Paleoanthropology Society</i>	2016
Virginia Dominguez Conference Travel Grant (\$500)	2018
List of Teachers Ranked as Excellent <i>University of Illinois at Urbana–Champaign</i>	2016 – 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
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. [to appear]
 - **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.*, 2019. [to appear]
 - **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.
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invited talks

“Forensic Anthropology” (ANTH 101) **Jan 2017**
University of Illinois at Urbana–Champaign, Urbana, IL

	“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

	“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>American Association of Physical Anthropologists (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)