

## Curriculum Vitae

**Melody D. Ratliff Wood, M.A.**

3586 Rock Creek Rd  
 Ottawa, KS 66067  
 melodywood@ku.edu

EDUCATION

- University of Kansas**, Lawrence, KS In Progress  
 Doctor of Philosophy: Biological Anthropology  
 Emphasis: Anthropological Genetics  
 GPA: 3.87  
 Advisor: Michael Crawford, Ph.D.  
 Committee Members: Dennis O'Rourke, Ph.D., Jennifer Raff, Ph.D., Charla Marshall, Ph.D.
- University of Montana**, Missoula MT 2014  
 Master of Arts: Forensic Anthropology  
 GPA: 3.85  
 Advisor: Randall Skelton, Ph.D.  
 Thesis: Evaluating Morphoscopic Trait Frequencies of Southeast Asians and Pacific Islanders  
 Committee Members: Ashley McKeown, Ph.D., Jeffrey Good, Ph.D., Joseph Hefner, Ph.D., RPA, D-ABFA
- University of Tennessee**, Knoxville, TN 2012  
 Bachelor of Arts: Anthropology  
 Minor in Business Administration  
 Cum Laude  
 Advisor: Lee Meadows Jantz, Ph.D.

TEACHING EXPERIENCE

- Spring 2017 **Adjunct Professor:** Washburn University  
 AN 116: Physical Anthropology  
 Taught lecture course with lab components
- Spring 2017 **Graduate Teaching Assistant:** University of Kansas  
 BIO 150: Principles of Molecular and Cellular Biology  
 Conducted 3 weekly laboratory sections  
 Tuition waiver with stipend
- Summer 2016- **Summer Instructor:** University of Kansas  
 Summer 2017 ANTH 304: Fundamentals of Physical Anthropology (online)  
 Intensive summer course

Fall 2015-  
Fall 2016 **Graduate Teaching Assistant:** University of Kansas  
ANTH 104/304: Fundamentals of Physical Anthropology  
Professor: Jennifer Raff, Ph.D.  
Conducted 4 weekly discussion/laboratory sections  
Tuition waiver with stipend

Fall 2015-  
Fall 2016 **Invited Guest Lecturer:** University of Kansas  
Lecture Title: "Topics in Forensic Anthropology"  
Presented to ANTH 104/304 Students  
Supervisor: Jennifer Raff, Ph.D.

Spring 2015 **Graduate Teaching Assistant:** University of Kansas  
BIO 247/647: Principles of Human Physiology Laboratory  
Professor: Kelly Johnson, Ph.D.  
Conducted 3 weekly laboratory sections  
Tuition waiver with stipend

Fall 2014 **Academic Tutor:** University of Kansas  
Athletic Department- Hourly appointment  
ANTH 102: Succeeding in Anthropology  
ANTH 160: The Varieties of Human Experience  
ANTH 304: Fundamentals of Physical Anthropology  
ANTH 310: Introduction to Archaeology  
BIO 246: Principles of Human Physiology  
BIO 350: Principles of Genetics  
BIO 400: Fundamentals of Microbiology  
BIO 413: History and Diversity of Organisms

Spring 2013 **Teaching Assistantship:** University of Montana  
ANTY 323: Native Peoples of Montana  
Professor: Greg Campbell, Ph.D.  
Tuition waiver with stipend

#### FUNDED AWARDS

Spring 2017 **Carroll D. Clark Summer Research Award:** University of Kansas  
\$1,000 for costs associated with dissertation research at the Armed Forces DNA  
Identification Laboratory in Dover, DE.

Fall 2015 **Carroll D. Clark Research Award:** University of Kansas  
\$400 for laboratory research costs: "Genetic Micro-differentiation of the Southern  
Fishing Outports of Newfoundland"

Spring 2013 **Provost Academic Enrichment Funding:** University of Montana  
\$1000 for travel to the American Academy of Forensic Sciences Conference in  
Seattle, WA for presentation of research:  
"Hydrochloric Acid Treatment on Dismembered Pig Remains: A case study of the  
Snowtown Murders"

Spring 2013 **Travel Funding:** University of Montana  
 Montana Anthropology Student Association  
 \$200 for travel to collect thesis data in Philadelphia, PA

### FIELD & LAB EXPERIENCE

Summer 2017 **Research Intern;** Armed Forces DNA Identification Laboratory: Armed Forces Medical Examiner System, Dover Air Forces Base, DE  
 Supervisor: Charla Marshall, Ph.D.  
 Focus: Next Generation Sequencing and Data Analysis

Spring 2016 **Formal Lab Training;** Raff Laboratory, Laboratories of Biological Anthropology, University of Kansas  
 Supervisor: Jennifer Raff, Ph.D.  
 Focus: Laboratory Techniques with Contemporary DNA

Summer 2013 **Joint POW/MIA Accounting Command: Central Identification Laboratory;** Hickam AFB, HI  
 Intern: Assisted with disinterments and the radiograph identification project.  
 Worked with Joe Hefner, Ph.D., RPA, D-ABFA for standardized assessments of morphoscopic traits for M.A. thesis data collection

August 2013 **Visiting Researcher;** Smithsonian Institution National Museum of Natural History: Human Skeletal Collections  
 Collected skeletal measurements for Master's thesis data  
 Supervisor: David Hunt, Ph.D.

August 2013 **Visiting Researcher;** The University of Pennsylvania Museum of Archaeology and Anthropology: Human Skeletal Collections  
 Collected skeletal measurements for Master's thesis data  
 Supervisor: Janet Monge, Ph.D.

2011-2012 **Anthropological Research Facility;** University of Tennessee  
 Volunteer: Human skeletal recoveries and new donor body placements

Summer 2012 **Shadowed Murray Marks Ph.D., D-ABFA;** University of Tennessee Graduate School of Medicine  
 Assisted with case work and observed autopsies

Summer 2011 **PortAnta Archaeological Field School;** Lisbon, Portugal  
 Processed, identified, labeled, and documented 1,000's of fragmented human skeletal elements

2008-2011 **Forensic Anthropology Center;** University of Tennessee  
 Volunteer: Processed human skeletal remains

Summer 2008 **Shadowed Orthopedic Surgeon;** Dr. Tracy Pesut M.D., Tennessee Orthopedic Clinic, Knoxville, TN

Summer 2007 **Crime Scene Investigation Program**; Lead America; Fordham University, Bronx, NY

Summer 2006 **Medicine & Healthcare Program**; National Youth Leadership Forum, UCLA, Los Angeles, CA

#### DEPARTMENTAL INVOLVEMENT

2015-Present **Web Editor**; University of Kansas  
Laboratory of Biological Anthropology

Fall 2015 **Co-editor of KU Anthropologist**; University of Kansas  
Anthropology Department Newsletter

Spring 2015 **Co-editor of LBA Newsletter**; University of Kansas  
Laboratory of Biological Anthropology Newsletter

2013-2014 **Anthropology Department Student Representative**; University of Montana  
Selected by Anthropology department head as the one student representative for the academic year

#### CONFERENCE PRESENTATIONS

2015 **Correlations Among Morphoscopic Traits in Peoples of the Pacific.**  
Melody D. Ratliff. Poster presented at the 84<sup>th</sup> annual American Association of Physical Anthropologists meeting, St. Louis, MO.

2014 **Morphoscopic Trait Frequencies of Southeast Asians and Pacific Islanders.**  
Melody D. Ratliff. Poster presented at the 66<sup>th</sup> annual American Academy of Forensic Sciences meeting, Seattle, WA.

2014 **Hydrochloric Acid Treatment on Dismembered Pig Remains: A case study of the Snowtown murders.** Kathleen A. Hauther, Melody D. Ratliff, Kelsey M. Collins. Poster presented at the Young Forensic Scientist Forum at the 66<sup>th</sup> annual American Academy of Forensic Sciences meeting, Seattle, WA.

2014 **Evaluating Morphoscopic Trait Frequencies of Southeast Asians and Pacific Islanders: Clinal Distribution Patterns.** Melody D. Ratliff. Poster presented at the 83<sup>rd</sup> annual American Association of Physical Anthropologists meeting, Calgary, Alberta

2013 **Morphoscopic Trait Frequencies of Southeast Asians and Pacific Islanders: A Preliminary Examination.** Melody D. Ratliff. Poster presented at the 1<sup>st</sup> annual Western Bioarchaeology Group Conference, University of California Berkeley.

## FORENSIC REPORTS

- Fall 2013     **Head Case Analyst: Forensic Science Division Case # 12-007660;** University of Montana
- Fall 2012     **Case Analyst: Forensic Science Division Case # 12-004600;** University of Montana for the Montana State Crime Lab

## ORGANIZATIONS

- 2016-Present **Evolutionist Club,** University of Kansas  
Member
- 2015-Present **American Association of Anthropological Genetics**  
Student Member
- 2013-Present **American Association of Physical Anthropologists**  
Student Member
- 2013-Present **American Academy of Forensic Sciences**  
Student Affiliate
- 2013-2014   **Lambda Alpha, Anthropology Honor Society,** University of Montana  
Helped start the first active chapter  
President: 2013-2014
- 2012-2014   **Montana Anthropology Student Association,** University of Montana  
President: 2013-2014  
Fundraising Banquet Committee: 2013
- 2010-2012   **Undergraduate Anthropology Association,** University of Tennessee  
Member

## SERVICE

- 2014           **American Academy of Forensic Sciences,** Seattle WA  
Volunteer
- 2014           **Forensic Anthropology Student Introduction,** Missoula, MT  
Hosted a biology class from Big Sky High School for an afternoon to learn about the field of Forensic Anthropology
- 2013           **American Academy of Forensic Sciences,** Washington D.C.  
Volunteer
- 2013           **58<sup>th</sup> Annual Montana State Science Fair,** Missoula, MT  
Physical and Biological Science Judge

- 2013 **Alpha Lambda Delta Physical Anthropology Day**, Missoula, MT  
Hosted 5<sup>th</sup> graders from local schools for an afternoon to learn about  
Anthropology and Forensics
- 2009-2012 **Sigma Alpha Professional Agriculture Sorority**, University of Tennessee  
Member  
Outstanding Senior of the Year  
Fundraising Chair: Coordinated Activities to Fund Philanthropies:  
  - Ag in the Classroom (Knox County Schools)
  - Ronald McDonald House
  - Relay for Life
- Summer 2009 **Mountain Hope Good Shepherd Clinic**: Quality Free/Reduced Medical Care to  
Working Individuals without Health Insurance, Sevierville TN  
Volunteer