

# CARRIE B. LEGARDE

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University of South Florida  
Department of Anthropology  
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## **EDUCATION**

- 2015 – present PhD Student, Applied Anthropology, University of South Florida  
2012 M.A. Forensic Anthropology, University of Montana  
Master's Thesis: *Asymmetry of the Humerus: The Influence of Handedness on the Deltoid Tuberosity and Possible Implications for Osteometric Sorting*  
2009 B.A. Anthropology with Honors, Forensic Anthropology Option, University of Montana  
2009 B.A. Biology, Human Biology Option, University of Montana  
2009 Certificate in Forensic Studies, University of Montana

## **LABORATORY AND FIELD EXPERIENCE**

- 06/6-10/16 Geophysical Survey Volunteer, Winnett Cemetery Board & Archaeo-Physics, LLC, Winnett, Montana  
08/15 – present Anthropologist, Forensic Anthropology Laboratory, Florida Institute of Forensic Anthropology & Applied Science (IFAAS) at the University of South Florida, Tampa, Florida  
06/12 – present Anthropologist, Defense POW/MIA Accounting Agency – Laboratory (formerly JPAC-CIL), Offutt AFB, Nebraska  
06/08 – 05/12 Autopsy Technician, Department of Justice, Montana Forensic Science Division, Missoula, Montana  
11/11 – 05/12 Fingerprint Technician, Department of Justice, Montana Forensic Science Division, Missoula, Montana  
07/11 – 08/11 Pozzeveri Bioarchaeology Field School, Ohio State University and University of Pisa, Lucca, Italy  
05/11 – 07/11 Intern – Forensic Anthropology, K208 Project, Joint POW/MIA Accounting Command – Central Identification Laboratory (JPAC-CIL), Joint Base Pearl Harbor-Hickam, Hawaii  
03/08 – 05/11 Firearm Technician (NIBIN) and Evidence Technician, Department of Justice, Montana Forensic Science Division, Missoula, Montana  
01/06 – 03/08 Forensic Laboratory Assistant – DNA/Serology Section, Department of Justice, Montana Forensic Science Division, Missoula, Montana

## **TEACHING EXPERIENCE**

- 01/16 – present Adjunct Instructor, State University of New York at Canton  
JUST 395: Forensic Taphonomy (Spring 2016, Fall 2017)  
08/16 – present Instructor, University of South Florida  
ANT 4520: Forensic Anthropology Lab (Fall 2016)  
ANT 2511: Introduction to Biological Anthropology (Spring 2017)  
08/15 – present Graduate Teaching Assistant, University of South Florida  
ANT 4525: Human Osteology (3 semesters)  
ANT 4520: Forensic Anthropology (3 semesters)  
ANT 2410: Cultural Anthropology

### **TEACHING EXPERIENCE (continued)**

- 08/10 – 05/12 Graduate Teaching Assistant, University of Montana  
ANTY 101: Anthropology & the Human Experience  
ANTY 412: Human Osteology (2 semesters)  
ANTY 413: Forensic and Mortuary Archaeology (2 semesters)  
ANTY 491: Skeletal Analysis  
ANTY 491: Vertebrate Osteology
- 08/06 – 08/09 Undergraduate Teaching Assistant, University of Montana  
ANTY 412: Human Osteology (3 semesters)  
BIOL 312: Anatomy & Physiology I – Lab

### **PUBLICATIONS**

- 2017 Winburn AP, Rubin KM, **LeGarde CB**, Finlayson JE. Use of qualitative and quantitative techniques in the resolution of a small-scale medicolegal case of commingled human remains. *Florida Scientist*, *In press*.
- ND Bongiovanni R, **LeGarde CB**. Sexual dimorphism of the humerus in a Japanese sample: A test of the İşcan et al. (1998) method. Under review: *American Journal of Physical Anthropology*.
- ND Bongiovanni R, **LeGarde CB**. A Univariate Approach to Sex Estimation for the Upper Limb. Under review: *Journal of Forensic Sciences*.
- 2014 Byrd JE, **LeGarde CB**. Osteometric Sorting. In: Adams BA, Byrd JE (eds). *Commingled Human Remains: Methods in Recovery, Analysis, and Identification*. Academic Press. San Diego, CA. pp 167-192.
- 2014 Jin JH, Burch AL, **LeGarde CB**, Okrutny EC. The Korea 208: A Large-Scale Commingled Case of American Remains from the Korean War. In: Adams BA, Byrd JE (eds). *Commingled Human Remains: Methods in Recovery, Analysis, and Identification*. Academic Press. San Diego, CA. pp 407-424.
- 2013 Bongiovanni R, **LeGarde CB**, Minetz JA. Quality Assurance, Correction Factors, and Formulae for Osteometric Boards and Mandibulometers. *Journal of Forensic Sciences*, 58 (3): 842–844. doi: 10.1111/1556-4029.12110

### **PRESENTATIONS**

- 2017 Poster Presentation. \***LeGarde CB**. “To group or not to group?” American Academy of Forensic Sciences Annual Meeting, New Orleans, LA.
- 2017 Poster Presentation. \*Damann FE, Brown CA, **LeGarde CB**, Byrd JE. “Assessing the Accuracy of Historical Associations in a Commingled Assemblage.” American Academy of Forensic Sciences Annual Meeting, New Orleans, LA.
- 2016 Poster Presentation. \***LeGarde CB**, Bongiovanni R. “A univariate approach to sex estimation for the fragmentary upper limb.” American Association of Physical Anthropologists Annual Meeting, Atlanta, GA.
- 2016 Oral Presentation. \*Winburn AP, Rubin KM, **LeGarde CB**. “Use of qualitative and quantitative techniques in the resolution of a small-scale medicolegal case of commingled human remains.” Florida Academy of Sciences Annual Meeting, St. Petersburg, FL.
- 2015 Poster Presentation. \***LeGarde CB**. “A Test of Wright and Vasquez (2003) on an American Population.” American Academy of Forensic Sciences Annual Meeting, Orlando, FL.

### **PRESENTATIONS (continued)**

- 2013 Oral Presentation. \*Burch A, Jin JH, **LeGarde CB**, Okrutny E. “Don’t be Fooled by Taphonomy.” Society for American Archaeology Annual Meeting. Honolulu, HI.
- 2013 Poster Presentation. \***LeGarde CB**, Byrd JE. “Asymmetry of the Humerus: The Influence of Handedness on the Deltoid Tuberosity and Possible Implications for Osteometric Sorting.” American Academy of Forensic Sciences Annual Meeting, Washington, DC.
- 2012 Poster Presentation. \***LeGarde CB**, Minetz JA, Byrd JE. “Asymmetry of the Deltoid Tuberosity and the Possible Impact on Osteometric Sorting.” American Academy of Forensic Sciences Annual Meeting, Atlanta, GA.

*\*Presenting author*

### **MEMBERSHIPS and CERTIFICATIONS**

- 2016 Florida Academy of Sciences (FAS), Student Member – Anthropological Sciences  
*Anthropological Sciences Section Co-chair 2016 - 2017*
- 2016 Paleopathology Association, Student Member
- 2015 American Academy of Forensic Sciences (AAFS), Associate Member – Anthropology  
*Trainee Affiliate Member 2013 - 2015*
- 2009 Disaster Mortuary Operational Response Teams (DMORT) – Region VIII, *Forensic Anthropologist*, U.S. Department of Health & Human Services; *No deployments to date*

### **HONORS and AWARDS**

- 2012 Graduate Teaching Assistantship, Department of Anthropology, University of Montana
- 2011 Inducted into Phi Kappa Phi Honor Society, Member
- 2009 Outstanding Senior Award, Department of Anthropology, University of Montana
- 2006 Inducted into Golden Key International Honour Society, Member
- 2006 Jane Buttrey Memorial Scholarship, Department of Anthropology, University of Montana
- 2004 – 2011 Bratten Memorial Scholarship, Winnett, MT (awarded five years)
- 2004 – 2008 Montana University System Honor Scholarship (renewable up to four years)
- 2004 – 2005 Rector Memorial Scholarship, University of Montana (awarded two years)

### **TRAINING RECEIVED/CONFERENCES ATTENDED**

- 2016 Logistics Training Course, National Disaster Medical System, Center for Domestic Preparedness, Anniston, AL
- 2016 American Association of Physical Anthropologists Annual Meeting, Atlanta, GA  
Poster and Lecture Series
- 2016 Society for American Archaeology Annual Meeting, Orlando, FL  
Poster and Lecture Series
- 2016 Florida Academy of Sciences Annual Meeting, St. Petersburg, FL  
Poster and Lecture Series – Anthropological Sciences
- 2016 American Academy of Forensic Sciences 2016 Meeting, Las Vegas, NV  
Poster and Lecture Series – Physical Anthropology
- 2015 American Academy of Forensic Sciences 2015 Meeting, Orlando, FL  
*Workshop: Forensic Anthropology and Cold Case Investigations: Breaking the Ice*  
Poster and Lecture Series – Physical Anthropology
- 2014 R Programming, Online course (4 wks), Coursera.org, Johns Hopkins University

**TRAINING RECEIVED/CONFERENCES ATTENDED (continued)**

- 2014 American Academy of Forensic Sciences 2014 Meeting, Seattle, WA  
Poster and Lecture Series – Physical Anthropology
- 2014 R Training, Dr. Rob Kabacoff, Hickam AFB, HI
- 2013 *Biostatistics*, graduate course (post-baccalaureate credit), University of Hawaii – Manoa
- 2013 Tenth Annual Traumatized Bone Short Course: *Analysis of Bone Trauma and Pseudo-Trauma in Suspected Violent Death*  
Department of Applied Forensic Sciences, Mercyhurst University, Erie, PA
- 2013 American Academy of Forensic Sciences 2013 Meeting  
*Workshop: Bones and Children – An Interdisciplinary Approach to Forensic Issues*  
Poster and Lecture Series – Physical Anthropology
- 2012 American Academy of Forensic Sciences 2012 Meeting, Atlanta, GA  
Poster and Lecture Series – Physical Anthropology  
Interdisciplinary Symposium
- 2011 American Academy of Forensic Science 2011 Meeting, Chicago, IL  
*Workshop: Coping with the CSI Effect*  
*Workshop: Internationalization of Forensic Science Disciplines – Certification in Forensic Anthropology*  
Interdisciplinary Symposium  
Poster and Lecture Series – Physical Anthropology
- 2010 Mapping and exhumation of clandestine burials, RTI International/National Institute of Justice, Online Instruction~1 hour
- 2009 – 2010 West Virginia University – Continuing Education  
The Science of Fingerprints, Online Instruction ~25 hours  
Introduction to Firearms and Toolmarks, Online Instruction ~20 hours  
The Basics of Biological Evidence, Online Instruction ~6 hours
- 2009 Northwest Association of Forensic Scientists (NWAFS) Conference, Fort Collins, CO  
*Workshop: Shotgun Pattern Interpretation/Trajectory into Vehicles*  
*Workshop: Serial Number Restoration*
- 2008 Managing Property and Evidence in Law Enforcement Agencies, International Association for Property and Evidence, Inc., Missoula, MT
- 2008 NIBIN/IBIS Users Training, Forensic Technology, Inc., Largo, FL