

Alicia R. Grosso

Department of Physical Therapy | Clarkson University
8 Clarkson Ave., Potsdam, New York 13699

Education

PhD in Anthropology with a concentration in Physical Anthropology (2014 – April 2020)

University of Pittsburgh, Pittsburgh, PA

Advisor: Michael Siegel, PhD

Dissertation: Tissue Variability Effects on Saw Mark Evidence in Bone

MS in Anthropology with a concentration in Biological and Forensic Anthropology (2011 – 2013)

Mercyhurst University, Erie, PA; GPA 3.929

Advisor: Dennis C. Dirkmaat, PhD D-ABFA

Graduation: May 2013 with Sister Eustace Taylor Award in Anthropology

Thesis: Evaluation of Saw Blade Teeth-Per-Inch Measurements in Bone: Considerations for Validation Studies

BS in Applied Forensic Sciences with a double concentration in Forensic Anthropology and Criminalistics/Forensic Biology (2007 – 2011)

Mercyhurst College, Erie, PA; GPA 3.925

Advisor: Steven A. Symes, PhD D-ABFA

Graduation: May 2011 *Summa Cum Laude*, Mercyhurst Honors Student

Thesis: A Craniometric Study of *Odocoileus virginianus*, *Felis domesticus*, and *Lynx rufus*: Principal Component Analysis with Varied Biological Classifications

Research Interests

Human skeletal biology, forensic anthropology, gross anatomy, skeletal trauma analysis, toolmark analysis, biomechanics of trauma, bone tissue variability, fragmentary human osteology, comparative vertebrate osteology

Professional Experience

- 2020 – Assistant Professor – Department of Physical Therapy, Clarkson University
- 2020 – Pre-PT Student Advisor – Department of Physical Therapy, Clarkson University
- 2019 – 2020 Undergraduate Advisor – Anthropology Department, University of Pittsburgh
- 2017 – 2018 TA mentor – Anthropology Department, University of Pittsburgh
- 2015 – 2019 Teaching Assistant/Teaching Fellow – Anthropology Department, University of Pittsburgh
- August 2013 Assistant Instructor – Cambria County Camp Cadet, Cresson, PA
- 2011 – 2013 Graduate Assistant – Applied Forensic Sciences Department, Mercyhurst University
- 2011 – 2013 Collections Manager – Applied Forensic Sciences Department, Mercyhurst University
- 2011 – 2013 Work Study Supervisor – Applied Forensic Sciences Department, Mercyhurst University
- June 2012 Assistant for Death Scene Archaeology Short Course – Applied Forensic Sciences Department, Mercyhurst University
- June 2012 Assistant for Laboratory Methods in the ID of Human Skeletal Remains Short Course – Applied Forensic Sciences Department, Mercyhurst University
- June 2012 Assistant for Analysis of Bone Trauma and Pseudo-Trauma in Suspected Violent Deaths Short Course – Applied Forensic Sciences Department, Mercyhurst University
- June 2012 Assistant for Recovery and Interpretation of the Mass Fatality/Bomb Blast/Fatal Fire Scene Short Course – Applied Forensic Sciences Department, Mercyhurst University
- 2007 – 2011 Laboratory Assistant – Processing Laboratory, Mercyhurst Archaeological Institute and Applied Forensic Sciences Department, Mercyhurst College
- Summer 2010 Intern – Erie County Medical Examiner's Office, ECMC, Buffalo, NY

Teaching Experience

Clarkson University, Potsdam NY

Spring 2021	Cardiopulmonary/Exercise Science (Anatomy lab coordinator)	PT515
Fall 2020	Foundational Sciences for Physical Therapy (Anatomy lab coordinator)	PT505
Fall 2020	Gross Anatomy (Instructor)	OT501

Duquesne University, Pittsburgh PA

Spring 2020	Anatomy II Lab (PA/PTs) (Clinical Teaching Professional)	HLTS 471
Fall 2019	Anatomy I Lab (PA/PTs) (Clinical Teaching Professional)	HLTS 470
Fall 2019	Anatomy Lab (AT/OTs) (Clinical Teaching Professional)	HLTS 315
Spring 2019	Anatomy II Lab (PA/PTs) (Clinical Teaching Professional)	HLTS 471
Fall 2018	Anatomy I Lab (PA/PTs) (Clinical Teaching Professional)	HLTS 470
Fall 2019	Anatomy Lab (AT/OTs) (Clinical Teaching Professional)	HLTS 315

University of Pittsburgh, Pittsburgh PA

Spring 2019	Human Skeletal Analysis and recitations (TA)	ANTH 1602
Fall 2018	Introduction to Physical Anthropology and recitations (TA)	ANTH 0680
Summer 2018	Introduction to Physical Anthropology (Instructor)	ANTH 0680
Spring 2018	Primate Anatomy (TA)	ANTH 1605
Fall 2017	Introduction to Physical Anthropology and recitations (TA)	ANTH 0680
Spring 2017	Introduction to Physical Anthropology and recitations (TA)	ANTH 0680
Fall 2016	Forensic Anthropology and recitations (TA)	ANTH 0630
Spring 2016	Introduction to Physical Anthropology and recitations (TA)	ANTH 0680
Fall 2015	Forensic Anthropology and recitations (TA)	ANTH 0630

Duke University Talent Identification Program (Site location: Texas A & M University, College Station, TX)

July 2013	Modern Medicine: Disease and Immunology 1 (TA)
June 2013	Modern Medicine: Disease and Immunology 1 (TA)

Mercyhurst University, Erie PA

Spring 2013	Environmental Evidence and lab (TA)	FRSC300/301
Spring 2013	Method and Theory in Forensic Anthropology and lab (TA)	ANTH350/351
Winter 2012	Zooarchaeology and lab (TA)	ANTH560/561/250/251
Fall 2012	Introduction to Forensic Anthropology (TA)	ANTH242
Fall 2012	Skeletal Trauma Analysis and lab (TA)	ANTH630/631
Fall 2012	Fragmentary Human Osteology and lab (TA)	ANTH520/521
Spring 2012	Death Investigations (TA)	FRSC410
Winter 2011	Zooarchaeology and lab (TA)	ANTH560/561/250/251
Fall 2011	Introduction to Forensic Science and lab (TA)	FRSC150/151
Fall 2011	Indoor Crime Scene Investigation and lab (TA)	FRSC320

Presentations and Invited Lectures

- 2020 Grosso AR. Tissue Variability Effects on Saw Mark Evidence in Bone. Dissertation Defense, University of Pittsburgh, Pittsburgh, PA. March 19.
- 2020 Grosso AR. Bone and its Properties. Invited lecture, Primate Biology, University of Pittsburgh, Pittsburgh, PA.
- 2020 Grosso AR, Begley A. How Many Tooth Hops Does It Take to Accurately Measure Saw Blade Teeth-Per-Inch in Bone? Poster presentation at the 89th Meeting of the American Association of Physical Anthropology, Los Angeles, CA. (*Accepted*)

- 2020 Grosso AR, Begley A. How Many Tooth Hops Does It Take to Accurately Measure Saw Blade Teeth-Per-Inch in Bone? Panel presentation at the A&S Grad Expo, University of Pittsburgh, Pittsburgh, PA. March 20. (*Accepted*)
- 2020 Toth SA, **Grosso AR**, Siegel MI. Musculoskeletal Modeling: Human ACL Rupture Recognized as Multifactorial Using Dog CCL Rupture Cases. Poster presentation at the 89th Meeting of the American Association of Physical Anthropology, Los Angeles, CA. (*Accepted*)
- 2019 Grosso AR. Skeletal Trauma: GSWs, Sharp Force Trauma, and Cases of Postmortem Dismemberment. Invited lecture, Forensic Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2019 Grosso AR, Toth SA, Neidich DL. Variability of Saw Blades and Saw Marks Measured from Nonhuman Bone: Implications for the Evaluation of Accuracy of Microscopic Saw Mark Analysis. Poster presentation at the 88th Meeting of the American Association of Physical Anthropology, Cleveland, OH. March 27-30.
- 2019 Grosso AR. Variability of Saw Blades and Saw Marks Measured from Nonhuman Bone: Implications for the Evaluation of Accuracy of Microscopic Saw Mark Analysis. Poster presentation at the A&S Grad Expo, University of Pittsburgh, Pittsburgh, PA. March 22.
- 2019 Grosso AR. Bone Biology. Invited lecture, Human Skeletal Analysis, University of Pittsburgh, Pittsburgh, PA.
- 2018 Grosso AR. Human Osteology. Invited lecture, Introduction to Physical Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2017 Grosso AR. Forensic Archaeology. Invited lecture, Forensic Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2017 Grosso AR. Human Osteology. Invited lecture, Introduction to Physical Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2017 Grosso AR. Primate Behavior. Invited lecture, Introduction to Physical Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2016 Grosso AR. Femoral Fracture Patterns from Gunshot Wounds in a U.S. Civil War Skeletal Sample. Poster presentation at the A&S Grad Expo, University of Pittsburgh, Pittsburgh, PA. March 24.
- 2016 Grosso AR, Neidich DL. Forensic Taphonomy. Invited lecture, Forensic Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2016 Grosso AR. Skeletal Trauma. Invited lecture, Forensic Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2015 Grosso AR. Forensic Archaeology. Invited lecture, Forensic Anthropology, University of Pittsburgh, Pittsburgh, PA.
- 2014 Grosso AR. Examination of Saw Blade Teeth-Per-Inch Measurements in Bone. Poster presentation at the 66th Meeting of the American Academy of Forensic Sciences, Seattle, WA. February 17-22.
- 2013 Grosso AR. Evaluation of Saw Blade Teeth-Per-Inch Measurements in Bone: Considerations for Validation Studies. Thesis Defense, Mercyhurst University, Erie, PA.
- 2012 Grosso AR, Fredette SM. A Forensic Case of Burned and Commingled Remains: Interactive Analysis with Arc GIS. Death Scene Archaeology Short Course, Mercyhurst University, Erie, PA.

- 2011 The Role of Forensic Anthropology in Outdoor Crime Scene Recovery. Missing Person Awareness Event, Warren, PA.
- 2011 Grosso AR, Fredette SM. A Forensic Case of Burned and Commingled Remains. Forest, Lakes, and Grasslands Regional Forensic Meeting, Roscommon, MI.

Academic Awards and Scholarships

- 2017 Elizabeth Baranger Excellence in Teaching Award (\$750), University of Pittsburgh
- 2016 Outstanding Presenter (\$100), 2016 Grad Expo, University of Pittsburgh
- 2015 GSO Summer Research Grant (\$500), University of Pittsburgh
- 2014 Arts and Sciences Graduate Fellowship, University of Pittsburgh
- 2013 Sister Eustace Taylor Graduate Student Award in Anthropology, Mercyhurst University
- 2011 Zurn School of Natural Sciences and Mathematics Certificate of Excellence, Mercyhurst College
- 2011 Certificate of Excellence for the Applied Forensic Sciences Department, Mercyhurst College
- 2007 – 2011 Dean’s List, Mercyhurst College
- 2007 – 2011 Valedictorian Scholarship, Mercyhurst College
- 2007 Dresser-Rand Employee Scholarship

Service

Professional Service

- 2020 Reviewer – *International Journal of Paleopathology*

Departmental and University Service

- 2020 – Pre-PT Student Advisor – Department of Physical Therapy, Clarkson University
- 2020 – Curriculum Committee – Department of Physical Therapy, Clarkson University
- 2020 – 2021 PT Club Advisor – Department of Physical Therapy, Clarkson University
- 2020 – 2021 Admissions Committee – Department of Physical Therapy, Clarkson University
- 2019 – 2020 Undergraduate Studies Committee – Anthropology Department, University of Pittsburgh
- 2018 – 2019 Faculty Search Committee for Associate Professor – Anthropology Department, University of Pittsburgh
- 2018 – 2019 Website Committee – Anthropology Department, University of Pittsburgh
- 2018 – 2019 Colloquium Committee – Anthropology Department, University of Pittsburgh
- 2017 – 2018 Grad Studies Committee – Anthropology Department, University of Pittsburgh
- 2016 – 2017 Colloquium Committee– Anthropology Department, University of Pittsburgh
- 2016 – 2017 ASGSO Summer Research Grant Committee – University of Pittsburgh
- 2016 – 2017 ASGSO Grad Expo Committee – University of Pittsburgh

Student Outreach and Support

- Fall 2020 Mentoring graduate student (Sharon Toth) for Project YES, a career enhancing project
- Fall 2019 Mentoring undergraduate student (Anne Begley) for internship credit on saw mark analysis – Anthropology Department, University of Pittsburgh
- Oct 2019 International Archaeology Day – Classics Department, University of Pittsburgh
- June 2019 Anatomy Lab Assistant for Greater Latrobe Area High School lab tour for students interested in health sciences – Seton Hill University and LECOM (6/13/19)
- May 2019 Anatomy Lab Assistant for Avonworth High School lab tour for students interested in STEM fields– Duquesne University (5/17/19)
- May 2019 Falk School Carnival, Anthropology booth – Falk Laboratory School, Pittsburgh, PA (5/5/19)
- Oct 2018 International Archaeology Day – Classics Department, University of Pittsburgh
- Spring 2012 Introduction to Forensic Anthropology (for seniors) – Mercyhurst University
- Spring 2011 Presenting on how forensic anthropology can aid in investigations – Missing Person Awareness Event, Warren, PA
- July 2012 Assistant Instructor for Somerset County Camp Cadet – Boswell, PA

July 2011 Assistant Instructor for Somerset County Camp Cadet – Boswell, PA

Professional Organization and Honor Society Membership

Since 2019 American Association of Anatomists, Student Member
Since 2015 American Association of Physical Anthropologists, Student Member
2013-2016 American Academy of Forensic Sciences, Physical Anthropology, Student Affiliate
Since 2013 *Lambda Alpha* Anthropology Honors Society
Since 2008 *Phi Eta Sigma* Honors Society