

# Ryan Maureen Tubbs

## Office

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## **RESEARCH INTERESTS**

Biological Anthropology, including the identification of changes in gross skeletal morphology through time, identifying gross morphologies that can be used for positive medicolegal identification, identifying trends in skeletal health, and examining stable carbon and nitrogen isotopes in human remains to explore dietary choices.

## **EDUCATION**

2001-present Michigan State University  
East Lansing, MI 48823

MA/PhD. program in Physical Anthropology; advisor Dr. Norm Sauer. MA awarded Spring 2007.  
Projected PhD graduation Fall 2011.

1997-2001 Eastern New Mexico University  
Portales, NM 88130

Bachelor of Science, summa cum laude, in Anthropology, with minor in Biology.

August 2000 University of New Orleans  
New Orleans, LA 70148

"Forensic Pathology for Law Enforcement and Death Investigators" summer course.

Summer 1996 Occidental College  
Los Angeles, CA 90041

Five week, intensive Marine Biology summer program.

## **ANATOMY AND OSTEOLOGY APPOINTMENTS**

July 2009-present **Basic Science Instructor**  
College of Human Medicine  
Michigan State University  
Grand Rapids, MI 49503

Responsibilities include lecturing in medical gross anatomy course and lab coordination and instruction in medical gross anatomy and histology courses.

July 2008-July 2009 Assistant Director of Academic Support  
College of Human Medicine  
Michigan State University  
Grand Rapids, MI 49503

Responsibilities include facilitating academic support for Block II medical students, monitoring and evaluating student performance, development and implementation of independent study courses for extended students, and training and monitoring tutors and small group leaders.

January 2006-July 2008

**Instructor**

Radiology Department, Division of Human Anatomy  
Michigan State University  
East Lansing, MI 48824

Responsibilities include lecturing in undergraduate and postgraduate gross anatomy courses and lab instruction in postgraduate and medical gross anatomy courses.

January 2006-July 2008

**Block I Academic Support Supervisor**

Office of Academic Programs  
College of Human Medicine  
Michigan State University  
East Lansing, MI 48824

Responsibilities include facilitating Supplemental Instruction groups for Block I medical students, facilitating and leading Supplemental Instruction groups for the ABLE program, curriculum development for the ABLE summer institute, monitoring and evaluating student performance, individual gross anatomy instruction sessions, development and implementation of an anatomy seminar for extended students, and training and monitoring Supplemental Instruction group leaders.

Fall Semester 2005

**Academic Support Graduate Assistant**

College of Human Medicine  
Michigan State University  
East Lansing, MI 48824

Responsibilities included facilitating Supplemental Instruction groups for Year I medical students and the ABLE program, leading Supplemental Instruction groups for ANTR 551, evaluating students, and training and monitoring Supplemental Instruction group leaders

Fall Semester 2005

**Graduate Teaching Assistant**

Radiology Department, Division of Human Anatomy  
Michigan State University  
East Lansing, MI 48824

Graduate teaching assistant responsibilities include clarification and explanation of laboratory objectives, with variable hours each week spent in the human cadaver laboratory.

Summer Semester 2005

**ABLE Human Anatomy Lab Instructor**

College of Human Medicine  
Michigan State University  
East Lansing, MI 48824

Responsibilities included instructing the ABLE student group in the human anatomy teaching laboratory. Teaching strategies included the presentation, clarification, and explanation of laboratory objectives to students in varying group environments. Additionally, responsibilities included the preparation, administration, and grading of laboratory practical exams.

Fall Semesters 2002-2004      **Directed Study Group Leader and Tutor**  
College of Human Medicine  
Michigan State University  
East Lansing, MI 48824

Responsibilities included supplemental lecturing and review, exam preparation, and modeling study strategies for ANTR 551, Medical Gross Anatomy. Directed Study Group met for four hours each week throughout the semester. Tutoring was on an individual basis with variable hours.

Fall Semesters 2002-2004      **Laboratory Teaching Assistant**  
Radiology Department, Division of Human Anatomy  
Michigan State University  
East Lansing, MI 48824

Teaching assistant responsibilities include assistant with laboratory instruction for ANTR 551. Duties included clarification and explanation of laboratory objectives to students in one on one interactions and preparation of laboratory practical exams.

Fall Semester 2004              **Osteology Graduate Assistant**  
Anthropology Department  
Michigan State University  
East Lansing, MI 48823

Responsibilities included two guest lectures in human osteology along with the creation and proctoring of weekly osteology quizzes throughout the semester.

Summer Semester 2004        **Osteology Graduate Assistant**  
Study Abroad Program  
Michigan State University  
East Lansing, MI 48824

Responsibilities included a week of lectures in human osteology at the University of Cambridge along with the creation and proctoring of an osteology exam at the end of the short course.

Fall Semester 2003              **ABLE Supplemental Instructor**  
College of Human Medicine  
Michigan State University  
East Lansing, MI 48823

Responsibilities were compatible with my responsibilities as a directed study group leader and included supplemental lecturing and review, exam preparation, and modeling study strategies for ANTR 551, Medical Gross Anatomy for the ABLE student group. The ABLE group met for four hours each week throughout the semester.

Jan. 2003 - May 2003

**Graduate Coordinator**

Advanced Death Investigation Short Course  
Forensic Anthropology Lab  
Michigan State University  
East Lansing, MI 48824

Responsibilities included preparing brochure and managing applications, assisting in organizing the course, acquiring the course materials and supplies, developing and instructing a lab in human osteology.

Jan. 1999- May 2000

**Human Anatomy Student Mentor**

Biology Department  
Eastern New Mexico University  
Portales, NM 88130

Mentor work included demonstration of dissection, quiz and exam creation, and lecture on important highlights.

**PUBLICATIONS**

Megyesi, Mary E., Ryan M. Tubbs, and Norman J. Sauer

2009 An analysis of human skeletal remains with cerebral palsy: associated skeletal age delay and dental pathologies. *Journal of Forensic Sciences*: 54(2):270-4.

Tubbs, Ryan M. and Jodie O’Gorman

2005 Assessing Oneota Diet and Health: A Community and Lifeway Perspective. *Midcontinental Journal of Archaeology*, 30(1):119-164..

Sauer, Norman and Ryan M. Tubbs

n.d. *The Skeletal Remains from Fort Michilimackinac*. Manuscript in preparation.

Fenton, Todd, Walter Birkby, Bruce Anderson, David Rankin, Ryan Tubbs and Chrissina Burke

n.d. Anthropological Interpretation of Fractures Diagnostic of High Velocity Vertical Impacts. Manuscript in preparation, to be submitted to the *Journal of Forensic Sciences*.

Hyde, Martha and Ryan M. Tubbs

n.d. *Human Anatomy Laboratory Manual: using the Socratic method to teach anatomy*. Manuscript in preparation.

Durand, Kathy Roler and Ryan M. Tubbs

n.d. *Zooarchaeology Lab Manual for Mammal Skeletal Element Identification*. Manuscript in preparation.

**PRESENTATIONS**

Tubbs, Ryan M.

2011 “Late Prehistoric Diet in the Central Illinois River Valley: A Comparison between Oneota and Middle Mississippian Populations.” Presentation at the Paleopathology Association’s Annual Meeting, Minneapolis, MN.

Tubbs, Ryan M. and Mary S. Megyesi

2006 "Forensic Anthropology." Presentation at the Forensic Science Educational Conferences, organized by the American Academy of Forensic Sciences, Indiana University/Purdue University at Indianapolis.

Tubbs, Ryan M. and Jodie O'Gorman

2003 "You Are What You Eat: Why Then Do Some Anthropologists Get It Wrong?" Poster Presented at Tenth Annual Meeting of the Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Loyola University-Chicago.

Tubbs, Ryan M.

2003 "Physical Anthropology" presentations at Northview High School's tenth grade biology classes, Grand Rapids, MI.

2001 "Mesoamerican Archaeology" presentations at Northview High School, Grand Rapids, MI (six presentations).

2001 "The Olmec World" presentation at Crossroads Middle School, Grand Rapids, MI, December 2000.

### **FELLOWSHIPS AND SCHOLARSHIPS**

Jacob K. Javits Fellowship, 2001-2005

Grand Rapids Community Foundation Scholarship, 2001-2002

Anthropology Faculty Scholarship, 2000-2001

Chaparral Presidential Scholarship, 1997-2001

### **PROFESSIONAL MEMBERSHIPS**

American Association of Anatomists, Student Member

Paleopathology Association, Student Member

Midwest Bioarchaeology and Forensic Anthropology Association (BARFAA), Member

American Association of Physical Anthropologists, Student Member

Graduate Students in Anthropology, Michigan State University, Educational Liaison

Phi Kappa Phi Honor Society, Lifetime Member

Mu Alpha Nu (Anthropology Club), Eastern New Mexico University, Member 1998-2001

### **AWARDS AND ACHIEVEMENTS**

Nominated for a Green Apple Award by Block I CHM students, 2011.

Educational Liaison for Anthropology Department, organizing and participating in two Educational Outreach programs each year.

Participated in full-time five week archaeological field school at the Moccasin Bluff site, Michigan State University, 2002

Awarded "Outstanding Undergraduate in Anthropology, ENMU 2000"

Volunteered Human Anatomy tutoring 1999-2000