

Curriculum Vitae
Myra Frances Laird

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Education

Graduate-New York University, New York, NY, entered Fall 2010

(In Progress) Ph.D. Physical Anthropology

Undergraduate- Cum laude, University of Iowa, Iowa City, IA, 2010

B.S. Anthropology with honors

B.A. Geoscience with honors

High School Diploma-Nevada High School, Nevada, IA, 2006

Research Interests

Modern human origins, craniodental morphology, migrations of genus *Homo*, functional morphology, biomechanics, geometric morphometrics

Peer-Reviewed Publications

(In Prep) **Laird MF**, Holton NE, Scott JE, Franciscus RG, Marshall SD, Southard TE.

Variation in alveolar prognathism and the mandibular curve of Spee in extant and fossil hominins. *American Journal of Physical Anthropology*.

(In Revision) **Laird MF**, Antón SC. Emergence of Genus *Homo*. Nature Education Project.

(Submitted) **Laird MF**, Pontzer H. 2012. Biomechanical relationships between chewing efficiency and dental morphology in modern humans. *American Journal of Physical Anthropology* (Abstract).

Laird MF, Holton NE, Scott JE, Franciscus RG, Marshall SD, Southard TE.

2011. Variation in the mandibular curve of Spee in fossil *Homo* and extant populations. *American Journal of Physical Anthropology* 144:194-195 (Abstract).

Laird MF, Holton NE, Scott JE, Franciscus RG, Marshall SD, Southard TE.

2010. The influence of lower facial projection on the mandibular curve of Spee in extant humans. *American Journal of Physical Anthropology*, 141:98. (Abstract)

Scott JE, Holton NE, **Laird MF**, Franciscus RG, Marshall SD, Southard TE.

2010. Spatial determinants of chin prominence in extant modern humans. *American Journal of Physical Anthropology*, 141:211. (Abstract)

Adrain TS, Majewski D, **Laird MF**, Beck B. 2010. Preserving 150 years of fossil collecting at the University of Iowa Paleontology Repository. *Geological Society of America Abstracts with Program*. (Abstract)

Laird MF, AF Budd. 2009. Morphometric analysis of the *Montastraea cavernosa* complex in the Miocene to recent of the western Caribbean. *Geological Society of America Abstracts with Program* 41:16. (Abstract)

Field work/professional experience

NYCEP internship-Biomechanics with Herman Pontzer-Fall 2011

Human Evolution ANTH 002 Teaching Assistant
 -Teach two laboratory sections-Fall 2011
 Rusinga Island, Kenya paleoanthropology project, June 2011-July 2011
 University of Iowa Paleontology Repository-Undergraduate Research Assistant
 -Specimen organization and cataloging, morphometric data collection, virtual lab design-January 2007-July 2010
 Human Osteology 113:190 Course Assistant
 -Laboratory section and exam preparation-Fall 2009
 Cleveland Museum of Natural History Hamann-Todd Collection
 -Data collection for anthropology honors thesis-July 2009
 University of Iowa Rock Lab
 -Preparation of Petrographic Thin Sections for geoscience honors thesis-Spring 2008
 Bureau of Archaeology in Nijmegen, Netherlands-Summer 2007
 Nevada Public Library-Student librarian-December 2004-August 2006

Research Grants/Fellowship

\$500-ICRU-Iowa Center for Research by Undergraduates /OVPR-Office of the Vice President of Research Travel Grant, Spring 2010, The influence of lower facial projection on the mandibular curve of Spee in hominins and extant humans. Co-PI-Dr. R.G. Franciscus.
 \$300-Dewey Stuit Fund, Summer 2009, The influence of lower facial projection on the mandibular curve of Spee in hominins and extant humans. Co-PI-Dr. R.G. Franciscus.
 \$500-ECGPS-Executive Council of Graduate and Professional Students, Summer 2009, The influence of lower facial projection on the mandibular curve of Spee in hominins and extant humans. Co-PI-Dr. R.G. Franciscus.
 \$2500-ICRU-Iowa Center for Research by Undergraduates, Fall 2009 and Spring 2010, The influence of lower facial projection on the mandibular curve of Spee in hominins and extant humans. Co-PI-Dr. R.G. Franciscus
 \$2995-IREU-Iowa research experience for undergraduates, Spring 2008, A morphological and paleontological analysis of Costa Rica, Panama, and Belize corals from the *Montastraea cavernosa* complex. Co-PI-Dr. A.F. Budd
 MacCracken Fellowship, New York University, 2010-2015.

Presentations

Poster- American Association of Physical Anthropologists 2011 Annual Meeting. April 16, 2011, Variation in the mandibular curve of Spee in fossil *Homo* and extant populations. Co-authors-Holton, Scott, Franciscus, Marshall, and Southard.
 Poster- American Association of Physical Anthropologists 2010 Annual Meeting, April 15, 2010, The influence of lower facial projection on the mandibular curve of Spee in extant humans. Co-authors-Holton, Scott, Franciscus, Marshall, and Southard.
 Poster- Spring Undergraduate Research Festival, University of Iowa Honors Program,

- March 27, 2010, The influence of lower facial projection on the mandibular curve of Spee in hominins and extant humans. Co-authors-Holton, Scott, Franciscus, Marshall, and Southard.
- Poster-Spring Undergraduate Research Festival, University of Iowa Honors Program, April 25, 2009, A morphological and paleontological analysis of Costa Rica, Panama, and Belize corals from the *Montastraea cavernosa* complex. Co-author-Budd.
- Poster-North-Central Geological Society of America, April 2, 2009, A morphological and paleontological analysis of Costa Rica, Panama, and Belize corals from the *Montastraea cavernosa* complex. Co-author-Budd.
- Poster-Research in the Capitol, University of Iowa Honors Program, March 9, 2009, A morphological and paleontological analysis of Costa Rica, Panama, and Belize corals from the *Montastraea cavernosa* complex. Co-author-Budd.

Theses

- (In Progress) Masters of Arts- Biomechanical relationships between chewing efficiency and dental morphology in modern humans. Advisor-Dr. S.C. Antón. Expected May 2012.
- Undergraduate Honors in Anthropology- The influence of lower facial projection on the mandibular curve of Spee in fossil hominins and extant humans. Advisor-Dr. R.G. Franciscus. Completed May 2010.
- Undergraduate Honors in Geoscience-Morphometric Analysis of the *Montastraea cavernosa* complex in the Miocene to Recent of the western Caribbean. Advisor-Dr. A.F. Budd. Completed December 2008.

Service

- New York University-anthropology undergraduate student association graduate school discussant-2011
- New York University physical anthropology job search-Student committee co-chair-2011
- University of Iowa Department of Geoscience Children's Halloween Party-2007-2009
-Primary student organizer for geology and paleontology themed Halloween open house for 400-600 elementary school students
- University of Iowa Paleontology Repository Educational Outreach-2009-2010
-Instruct Iowa City area elementary and middle school students about Iowa fossils and paleontology
- Army Corps of Engineers Devonian Fossil Gorge Tour Guide-2009-2010
-Instruct tours on Devonian fossils and paleontology to school students and professional groups
- University of Iowa Natural History Museum-2009
-Assist in projects and specimen identification during family weekend
- University of Iowa Flood Relief-June 2008

Memberships

- Paleoanthropology Society
American Association of Physical Anthropologists
Phi Beta Kappa

Sigma Gamma Epsilon

-Geoscience Honors Society-Treasurer from fall 2008-Spring 2010
 National Society of Collegiate Scholars-Undergraduate honors society
 University of Iowa Honors Program
 Anthropology Student Organization-University of Iowa

Honors

National Science Foundation Graduate Research Fellowship-Honorable Mention-2011
 University of Iowa Sanxay Prize-College of Liberal Arts and Sciences senior exhibiting
 the highest promise of outstanding graduate work-Spring 2010
 Matt Blanche Memorial Scholarship-Outstanding geoscience and environmental science
 undergraduate-Spring 2010
 Bill Vosper Award-Outstanding undergraduate geoscience student-Spring 2010
 WA Tarr Award-Outstanding geosciences undergraduate Sigma Gamma Epsilon
 member-Spring 2010
 University of Iowa 2010 Collegiate Scholar
 University of Iowa Department of Geoscience Undergraduate Representative-2009-2010
 University of Iowa Honors Commendation-Fall 2008
 University of Iowa Homecoming Scholarship-Fall 2007
 Nevada American Business Women's Association Scholarship-May 2006-2011
 Iowa Bar Association Citizenship Award-May 2006
 PEO-Ambrose Scholarship-May 2006
 Heather Johnson Memorial Scholarship-May 2006
 Nevada Masonic Lodge Scholarship-May 2006

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