

**CURRICULUM VITAE
CATHERINE M. GAITHER**

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CURRENT POSITION

Assistant Professor of Anthropology, Metropolitan State College of Denver

EDUCATION:

2004: Ph.D. (Anthropology) Tulane University, New Orleans

2001: M.A. (Anthropology) Tulane University, New Orleans

1995: B.A. Summa Cum Laude (Anthropology major, Practical Writing minor) Metropolitan State College of Denver

EMPLOYMENT

TEACHING EXPERIENCE

Assistant Professor of Anthropology, Metropolitan State College of Denver: Fall 2006 - present

Visiting Assistant Professor of Anthropology, Metropolitan State College of Denver: Fall 2005 – present

Adjunct Professor of Anthropology, Metropolitan State College of Denver: Fall 2002 – Spring 2005

Adjunct Professor of Anthropology, Arapahoe Community College: Spring 2002 – Spring 2005

Adjunct Professor of Anthropology, Front Range Community College: Spring 2003 – Spring 2005

Adjunct Professor of Anthropology, Red Rocks Community College: Fall 2003 – Spring 2005

Adjunct Professor of Anthropology, Tulane University: Fall 2001

Adjunct Professor of Anthropology, University College of Tulane University: Fall 2000 – Spring 2001

Adjunct Professor of Anthropology, Southeastern Louisiana University: Spring 2001

FIELD SCHOOL COURSES (Instructor)

ANT 499J – Bioarchaeology Field School in Peru – 1 course taught, summer semester 2005, at the site of Santa Rita B in the Chao Valley of northern Peru

ONLINE COURSES

ANT 101 E01, E02 - Introduction to Cultural Anthropology: Included online course development

ANT 111 E01 - Introduction to Physical Anthropology: Included online course development

ANT 101 F66 - Introduction to Cultural Anthropology - Online hybrid course: Included online course development

SPECIAL TEACHING EXPERIENCE

Fall Semester, 2002

Metropolitan State College of Denver: Denver, Colorado

Temporary substitute for Professor Jonathan Kent for the following classes: Introduction to Physical Anthropology (ANT 1010), Archaeology (ANT 2640), South American Archaeology (ANT 3620), and Archaeological Field Research (ANT 2710/4710). The latter is a field school involving excavations at an historic site on the Ken-Caryl Ranch.

CULTURAL RESOURCE MANAGEMENT EXPERIENCE

7/98-8/98

Earth Search, Inc. New Orleans, LA.

Field Technician - Projects included phases I and II (survey and unit excavation) for two areas on the Gulf coast.

6/95-5/99

GARA, Inc. Key West, FL.

Contract archaeologist, field technician – Projects included underwater archaeological mapping and recovery of artifacts for a number of different sites in the Florida Keys and along Florida's east coast. Responsibilities also included report preparation.

**SCHOLARSHIP
PUBLICATIONS**

Gaither, Catherine, Jonathan Bethard, Jonathan Kent, Víctor Vásquez Sánchez, Teresa Rosales Tham and Richard Busch

Submitted 2007 *Strange Harvest*.

Submitted: International Journal of Osteoarchaeology, January 2007.

Kent, Jonathan D., Victor Vásquez Sánchez, Teresa Rosales Tham and Catherine Gaither
2006 Análisis de pigmentos mediante EDAX (Análisis de Energía Dispersiva por Rayos X) de contextos arqueológicos de Santa Rita "B", Valle de Chao-costa norte del Peru. Boletín de Lima, No. 143 (XXVIII): 49-61.

Gaither, Catherine

Submitted 2006 *Long Bone Standards of Growth and Development for Coastal Prehistoric Peruvian Populations*.

Submitted: International Journal of Osteoarchaeology, November 2006.

Gaither, Catherine

In preparation *More skeletal evidence of surgery in prehistoric Peru; a new case of amputation from the site of El Brujo*.

To be submitted to the American Journal of Physical Anthropology

Gaither, Catherine, Melissa Murphy, Guillermo Cock, and Mellisa Lund

In preparation *Revelaciones desde un cementerio provincial de los Incas; patrones mortuorios, el crecimiento y la salud en el sitio de Puruchuco-Huaquerones*.

To be submitted to a professional journal in Peru.

Gaither, Catherine, Jonathan D. Kent, Victor Vasquez S. and Teresa Rosales T.

Submitted 2006 *Mortuary Practices and Human Sacrifice In The Middle Chao Valley Of Peru: Its Interpretation In The Context Of Andean Mortuary Patterning*

Submitted: Latin American Antiquity, 2006.

Kent, Jonathan, Teresa Rosales Tham, Victor Vásquez Sánchez, Richard Busch, Catherine Gaither

Submitted 2006 *Gallinazo and Moche at Santa Rita B and Cerro Santa*

Rita: the middle Chao Valley on the Peruvian north coast. In Gallinazo; An Early Cultural Tradition on the Peruvian North Coast, edited by Jean-François Millaire.

Gaither, Catherine

2004 *A growth and development study of coastal prehistoric Peruvian populations*. A dissertation submitted to Tulane University, UMI.

SITE REPORTS

Catherine M. Gaither

2006 Osteological Report; Puruchuco-Huaquerones, 2006 Season. Report to the principal investigator

Catherine M. Gaither

2005 Osteological Report; Colonial Church Excavations, 2005 Season. Report to the principal investigator

Catherine M. Gaither

2005 Cerro Santa Rita Osteological Report. Report to the principal investigator.

- Kent, Jonathan, Sanchez, Victor F. Vasquez, Tham, Teresa Rosales, Gaither, Catherine M.
2006 Análisis de restos humanos. In Informe Final, Temporada 2005; manejo ecosustentable y desarrollo cultural del complejo arqueológico Santa Rita “B”. Informe del Proyecto
- Gaither, Catherine
2004 Osteological report, 2004 season Huaca cao Viejo Colonial church excavations. Report to principal investigator.
- Kent, Jonathan, Sanchez, Victor F. Vasquez, Tham, Teresa Rosales, Gaither, Catherine M.
2003 Análisis de los restos humanos encontrados en el sitio de Santa Rita en la valle de Chao, Peru, Temporada 2002. In Informe Final, Temporada 2002; manejo ecosustentable y desarrollo cultural del complejo arqueológico Santa Rita “B”. Informe del Proyecto
- Gaither, Catherine
2002 Resumen del analisis osteologico de los restos humanos Lambayeque desde El Brujo, temporada 2002. Informe al director del proyecto.
- Gaither, Catherine
2001 2001 season summary. Report to principal investigator, Puruchuco Huaquerones.
- Kent, Jonathan, Sanchez, Victor F. Vasquez, Tham, Teresa Rosales, Gaither, Catherine M.
1996 Analisis de restos organicos de entierros de la epoca Lambayeque-Huaca Cao Viejo. Informe del Proyecto.

The following reports are all on file as part of the public record with the Florida State Archaeologist:

- Gaither, Catherine and Michael Essig
1999 The Florida East Coast Shipwreck Project 1998 Season Report
The Exploratory Contract E-89 Area 1998 Season Report
- Gaither, Catherine and Michael Essig
1998 The Florida East Coast Shipwreck Project 1997 Season Report
1997 Season Report for Exploratory Area E-111
The Exploratory Contract E-89 Area 1997 Season Report
- Gaither, Catherine
1997 The Florida East Coast Shipwreck Project 1996 Season Report
The Exploratory Contract E-89 Area 1995-1996 Season Report
- Gaither, Catherine
1996 The Florida East Coast Shipwreck Project 1995 Season Report

PRESENTATIONS

REFEREED

34th Annual Meeting of the Paleopathology Association

- Gaither, Catherine, Melissa Murphy, Guillermo Cock and Elena Goyacocha
2007 *Consequences of Conquest? Interpretation of Subadult Trauma at Puruchuco Huaquerones.* A poster presentation.

47th Annual Meeting of the Institute of Andean Studies

- Gaither, Catherine, Jonathan Bethard, Jonathan Kent, Víctor Vásquez Sánchez, Teresa Rosales Tham and Richard Busch
2008 *Strange Harvest.* A poster presentation.

1ST Paleopathology Association Meeting in South America, Rio de Janeiro, July 27, 28 and 29, 2005

Gaither, Catherine, Jonathan D. Kent, Victor Vasquez S. and Teresa Rosales T.

2005 *Ritual continuity in burial and sacrifice on the northern Peruvian coast*

Roundtable Symposium: Gallinazo: Una Tradición Cultural Temprana en la costa Norte del Perú. Trujillo, Peru – July 2-3, 2005

Kent, Jonathan, Teresa Rosales Tham, Victor Vásquez Sánchez, Richard Busch, Catherine Gaither

2005 *Las entidades Gallinazo y Moche en Santa Rita B y Cerro Santa Rita: Valle medio de Chao, costa norte peruana.*

Institute for Andean Studies Annual Meeting, Berkeley, California

Gaither, Catherine, Jonathan D. Kent, Victor Vasquez S. and Teresa Rosales T.

2005 *Ritual continuity in burial and sacrifice on the northern Peruvian coast*

Society for American Archaeology 2004 meeting, Montreal, Canada

Gaither, Catherine, Melissa Murphy, Guillermo Cock and Mellisa Lund Valle

2004 *Insights from a provincial Inca cemetery: Mortuary patterns, growth and health at Puruchuco-Huaquerones*

Florida Anthropological Society 1998 Meeting

Gaither, Catherine, Ken Nehiley, and Bill Moore

1998 *Breathing New Life into Old Sites: A methodology for converting old data into modern formats*

NON-REFEREED

ALPACA – Anthropology club for Metropolitan State College of Denver – February 8, 2007

2007 *Conquest and Consequences.*

Montclair Academy – January 17, 2007

2007 *The Basics about Bones: Or CSI, the real story about that skeleton in your closet!*

Colorado Archaeological Society, Chipeta Chapter – March 22, 2006

2006 *Andean Mummies*

University of Colorado at Denver's Anthropology Club – Dig Colorado! February 21, 2006

2006 *Mortuary Practices and Sacrifice in the Andean Region*

Arapahoe Community College, Littleton, Colorado

Gaither, Catherine, Jonathan D. Kent, Victor Vasquez S. and Teresa Rosales T.

2005 *Ritual continuity in burial and sacrifice in the Andean Region*

Denver Museum of Nature and Science

Gaither, Catherine

2004 *Inca Mummies*

American Institute of Archaeology, Denver, Colorado Chapter

Gaither, Catherine

2003 *Sacrificial Foundations in Andean Prehistory Universidad Nacional de Trujillo*

Universidad Nacional de Trujillo – Trujillo, Peru

Gaither, Catherine

2002 *Paleopatologías de Poblaciones Prehispanicas de la Costa Peruana*

Isidore Newman High School, New Orleans, LA.

Gaither, Catherine

DOCUMENTARIES

- 2002 “The Mummy Road Show - House of Bundles” Produced by Larry Engel. Project osteologist depicted in a documentary about radiographic and endoscopic techniques used on the Late Horizon mummies of Puruchuco-Huaquerones. The Mummy Road Show is a National Geographic production.

RESEARCH AND GRANTS

FIELD AND LABORATORY RESEARCH

1996 - 2006

Osteological data collection, analysis and excavation at the following sites in Peru:

Proyecto Complejo Arqueologico El Brujo

PI: Jeffrey Quilter

Harvard University

Proyecto Complejo Arqueologico El Brujo

PI: Professor John Verano

Tulane University

Proyecto Complejo Arqueologico El Brujo

PI: Professors Jonathan Kent, Victor Vasquez, Teresa Rosales

Metropolitan State College of Denver and Universidad Nacional de Trujillo

Proyecto Complejo Arqueologico Huaca de la Luna

PI: Professor John Verano

Tulane University

Puruchuco Huaquerones

PI: Guillermo Cock

Proyecto Complejo Arqueologico Santa Rita B

PI: Professors Jonathan Kent, Victor Vasquez, Teresa Rosales

Metropolitan State College of Denver and Universidad Nacional de Trujillo

1990

Other Field Research:

Orangutan Project:

Field observation and recording of wild orangutan behavior in their natural habitat. Rehabilitation and release of orphaned orangutans.

PI: Professor Birute Galdikas

Tanjung Puting National Park, Borneo

GRANT FUNDED RESEARCH

- 2006 Consultant: “Puruchuco-Huaquerones Bioarchaeological Project (PHBP): Paleodemography and health of the Inca and contact period burials” Melissa Murphy, Principal Investigator. Supported by the National Science Foundation.
- 2006 Project osteologist, “Archaeology and History at Santa Magdalena de Cao Viejo: Cultural Encounters at a 16th Century Church and Town in Northern Peru.” Jeffrey Quilter, Principal Investigator. Supported by the National Endowment for the Humanities, Collaborative Research Awards and the National Science Foundation.
- 2005 Field Laboratory Co-director for summer 2005 field project “Human sacrifice at El Brujo, northern Peru”. John W. Verano, Principal Investigator. Supported by the National Geographic Society’s Committee on Research (grant number 7844-05).
- 2005 Project osteologist, “Archaeology and History at Santa Magdalena de Cao Viejo: Cultural Encounters at a 16th Century Church and Town in Northern Peru.” Jeffrey Quilter, Principal Investigator. Supported by the National Endowment for the Humanities, Collaborative Research Awards.
- 1999 National Geographic Society grant 6784-0: “Human Sacrifice at the Pyramid of the

Moon, Northern Peru” (Laboratory Supervisor for Principal Investigator J.W. Verano)

1997 Roger Thayer Stone Center for Latin American Studies Grant, Tulane University, New Orleans - \$1200 awarded for travel to Peru to conduct research on variation of craniofacial measurements and genetic relatedness.

INTERNSHIPS

1/17/94-5/15/94:

Colorado Department of Transportation: Denver, CO.

This internship involved the identification and cataloging of prehistoric stone tool artifacts and the completion of the paperwork necessary for their storage.

8/22/93-12/15/93:

Colorado History Museum: Denver, CO.

This internship involved practical experience in the cataloging, numbering, conservation, and storage of museum artifacts and the cross-referencing of indexed artifacts with computer records in conjunction with the museum's response to the Native American Graves Protection and Repatriation Act (NAGPRA). It also involved the preparation and installation of the “1993 Time Capsule” exhibit which opened to the public in December 1993. This necessitated developing a list of significant events, trends and people of the year, gathering artifacts and ephemera materials for inclusion in the exhibit, and documenting the collections.

FIELD SCHOOLS (Taken as student)

8/22/94-12/15/94:

Advanced Archaeological Field School: Metropolitan State College of Denver

Unit Supervisor - The field school included instruction in all aspects of archaeological techniques and afforded supervisory experience at two prehistoric sites in Colorado.

8/8/94-8/15/94:

Shoals Marine Laboratory Underwater Archaeology Field School: Cornell University

The field school involved all aspects of the underwater excavation of archaeological sites.

8/22/93-12/15/93:

Archaeology Field School: Metropolitan State College of Denver

The field school included instruction in all aspects of archaeological techniques and afforded experience at two prehistoric sites in Colorado.

CONFERENCES ATTENDED (OTHER THAN THOSE LISTED UNDER PRESENTATIONS)

American Association of Physical Anthropologists 75th Annual Meeting, University of Alaska, Anchorage – March 8-12, 2006 – conference attendee

SERVICE

Department, School and College

Academic Advising for Anthropology majors, Fall/Spring 2006/07. Metropolitan State College of Denver.

Chair, Anthropology Assessment Committee, Fall 2006

Preparation of Assessment Report for Anthropology

Preparation of assessment tests for anthropology

Faculty Senate – Senator for Sociology, Anthropology and Behavioral Sciences. Fall/Spring 2006/07.

Metropolitan State College of Denver – Denver, Colorado.

Metropolitan State College of Denver – Majors Fair – Fall, 2006 - Volunteer

Academic Advising for Anthropology majors, Fall/Spring 2005/06. Metropolitan State College of Denver.

Committee member, Anthropology Curriculum Committee. Fall/Spring 2005/06. Metropolitan State College of Denver – Denver, Colorado.

Preparation of ANT 1010 application for State guaranteed transfer.

Preparation of ANT 440C application and syllabus for senior experience requirement.

Committee member, Death Notification Committee. Fall/Spring 2005/06 – Fall 2006

Preparation of procedures for notification of faculty/staff/administration in the event of the death of a student or faculty member

Faculty Senate – Senator for Sociology, Anthropology and Behavioral Sciences. Fall/Spring 2005/06.

Metropolitan State College of Denver – Denver, Colorado.

Metropolitan State College of Denver – Majors Fair – March 30, 2006 - Volunteer

Community Service

Please see Non-Refereed Presentations for a list of presentations given at the local and international levels. Also see Documentaries for service at the national level.

Other Community Service

2004 – Denver Museum of Nature and Science – Assistance provided for the Machu Picchu Exhibit – provision of x-rays and photos for the interactive children's exhibit

AWARDS AND SCHOLARLY ASSOCIATIONS

2005

Chancellor's List – Tulane University in recognition of academic achievement.

2001

Arqueobios: Centro de Investigaciones Arqueobiologicas y Paleoecologicas Andinas

Honorary member and scientific consultant for this investigative center in Peru

1995

Metropolitan State College of Denver

School of Letters, Arts and Sciences Certificate of Award for Academic Excellence.

Professional Association Memberships:

Paleopathology Association of Brazil – since 2005

Paleopathology Association – since 2004

American Association of Physical Anthropologists – since 2001

Institute for Andean Studies – since 2005

Society for American Archaeology – since 2004