

CURRICULUM VITAE

LAURA J. MILLER, Ph.D

94-1419 Kulewa Loop, #34T

Waipahu, HI 96797

(808) 677-3035

Cell: (808) 640-6465

Email: laura.lj.miller@gmail.com

laura@promare.org

EDUCATION

New York University - Department of Anthropology

Ph. D Anthropology - September 2004

Dissertation: Urban Economies in Early States: The Secondary Products Revolution in the Indus Civilization

M. Phil. Anthropology - January 1997

M.A. Anthropology - January 1994

M.A. Thesis: Harappa Cemetery R37: Graves and Taphonomy

Concentrations: Archaeology of Complex Civilizations-South Asia, Near East

Human Osteology, Paleopathology, Faunal Analysis, Bioarchaeology

University of California, Berkeley

B.A. (Double major) Anthropology and History-May 1990

Concentrations: Archaeology-South & East Asia, Ancient History-South & East Asia

WORK HISTORY

Promare Inc. (Houston, Texas)

Consulting Forensic Anthropologist/Bioarchaeologist (January 2009-present)

Joint POW/MIA Accounting Command-Central Identification Laboratory

(Hickam AFB, Hawaii)

Forensic Anthropologist, Recovery Leader (October 2004-October 2008)

U.S. Department of Justice

International Criminal Investigative Training Assistance Program (ICITAP)

Forensic Anthropology Program (Bogota, Colombia)

Instructor-Forensic Methods for Investigation and Excavation of Clandestine Graves

(April, June, September 2008)

New York University Morse Academic Plan

New York, New York

Instructor-Physical Anthropology and Archaeology (Fall 2003-Spring 2004)

M. Otis Wellington-Town & Country Living (New York, New York)
Computer Data Technician/Personal Assistant (January 2000-2004)

New York University Anthropology Department (New York, New York)
Graduate Assistant/Teaching Assistant (1994-2000)

Insurance Company of the West (Walnut Creek, California)
Policy Technician and Rater Trainee (Aug. 1990-Aug.1991)

Moffitt Undergraduate Library-U.C. Berkeley (Berkeley, California)
Circulation and Stack Crew (Fall 1989-May 1990)

FIELD WORK

Joint POW/MIA Accounting Command-Central Identification Laboratory
Joint Field Activities in Cambodia, Laos, Vietnam (05-1CB, 05-3LA, 05-4LA,
05-4VM, 06-1CB, 06-2CB, 06-4VM, 07-1VM, 07-2LA, 07-3VM, 08-1VM, 08-2LA)
Position: Recovery Leader/Anthropologist (January 2005-October 2008)

U.S. Department of Justice
International Criminal Investigative Training Assistance Program (ICITAP) Forensic
Anthropology Program
Bogota, Colombia (April, June, September 2008)
Position: Forensic Anthropologist/Archaeologist

JPAC-Central Identification Laboratory
Position: Forensic Anthropologist, Consultant casework with the
Honolulu Police Department, Attorney General's Office for the State of Hawaii,
Hawaii State Historical Preservation Division (2006-2007)

Harappa Archaeological Research Project, Harappa, Pakistan
Director: Richard Meadow, Harvard University
Position: Assistant Archaeologist/Physical Anthropologist/Faunal Analyst
Spring 1998, 1997, 1996, 1995, 1994, 1993 (January-April)

Beas Survey Project, Punjab, Pakistan
Director: Rita Wright, New York University
Position: Field Survey/Mapping Crew (Spring 1998)

Bir Ftouha Excavation, Carthage, Tunisia
Director: Susan Stevens, Randolph Macon Women's College
Position: Supervisor/Physical Anthropologist (Summer 1994)

Trinity Church Cemetery-New Jersey Performing Arts Center, Newark, New Jersey
Director: Jim Gossett, Greenhouse Consultants
Position: Burial Excavator, Archaeologist (September-October 1993)

University of Michigan Excavation at Bir el Knissia, Carthage, Tunisia
Director: Susan Stevens, Dumbarton Oaks
Position: Supervisor/Physical Anthropologist (Summer 1992)

U.C. Berkeley Tel Dor Archaeological Expedition, Tel Dor, Israel
Director: Andrew Stewart, U.C. Berkeley
Position: Square Supervisor (Summer 1989); Volunteer (Summer 1988)

TEACHING EXPERIENCE

U.S. Department of Justice

International Criminal Investigative Training Assistance Program (ICITAP)

Forensic Anthropology Program in Bogota, Colombia

Instructor-Forensic Methods for Investigation and Excavation of Clandestine Graves
April, June, September 2008

New York University-Morse Academic Plan

Instructor-World Cultures: Ancient Near East and Egypt, Human Evolution
Fall 2003, Spring 2004

New York University-Anthropology Department

Teaching Assistant-Archaeology: Early Societies and Cultures, Health and Disease in Human Evolution

Graduate Assistant-Anthropology/Archaeology Computer Teaching Laboratory
Spring 2000, Fall 1999, Spring 1999, Fall 1998, Fall 1996, Fall 1994

New York University-Anthropology Department Faunal Laboratory

Laboratory Supervisor/Independent Study Advisor
1997-2000

New York University-Morse Academic Plan

Preceptor-World Cultures: South Asia, World Cultures: Near East and Egypt
Fall 1995, Fall 1997

PUBLICATIONS

- in press Secondary Products at Harappa-Faunal Methodologies and Urban Animal Economies. In *The Present and Future of Indus Valley Archaeology*. Edited by Jonathan M. Kenoyer, Wisconsin Archaeological Reports, Vol. 4, Department of Anthropology, University of Wisconsin, Madison.
- 2011 Dales, G.F., B.E. Hemphill, K.A.R. Kennedy, J.M. Kenoyer, N.B. Lovell, J.R. Lukacs, R.H. Meadow, L.J. Miller and R.P. Wright
Harappa Excavations – Cemetery R37: An Account of the Excavations of the Cemetery in 1986, 1987, 1988, and 1994. Cambridge, Peabody Museum.
- 2004 *Urban Economies in Early States: The Secondary Products Revolution in the Indus Civilization*. Ph.D. dissertation. New York University, Anthropology Department. UMI, Ann Arbor.

- 2003 Secondary Products and Urbanism in South Asia: The Evidence for Traction at Harappa. In *Indus Ethnobiology: New Perspectives from the Field*. Edited by Steven Weber & William Belcher, pp. 251-326. Lexington Books (Rowman & Littlefield Publishing Group), Lanham.
- 1999 Appendix 4 – Faunal Studies at Harappa. In *Harappa Archaeological Research Project: Harappa Excavations 1998*. Edited by Richard H. Meadow, Jonathan M. Kenoyer, & Rita P. Wright, Report submitted to the Director General of Archaeology and Museums, pp. 42-45. Govt. of Pakistan, Karachi.
- 1998 Appendix 5 – 1997 Faunal Studies. In *Harappa Archaeological Research Project: Harappa Excavations 1997*. Edited by Richard H. Meadow, Jonathan M. Kenoyer, & Rita P. Wright, Report submitted to the Director General of Archaeology and Museums, pp. 33-36. Govt. of Pakistan, Karachi.
- 1996 Appendix 3 – Faunal Analysis Project. In *Harappa Archaeological Research Project: Harappa Excavations 1996*. Edited Richard H. Meadow, Jonathan M. Kenoyer, & Rita P. Wright, Report submitted to the Director General of Archaeology and Museums, pp. 26-28. Govt. of Pakistan, Karachi.
- 1993 Walth, C.K. and L.J. Miller Burials and Disarticulated Human Bone (1990). In *Bir el Knissia at Carthage: A Rediscovered Cemetery Church Report No. 1*. Edited by Susan T. Stevens, Journal of Roman Archaeology Supplement 7, pp. 191-200. Kelsey Museum of the University of Michigan, Ann Arbor.

INVITED PAPERS/POSTERS

- 2008 “Herding Strategies and Urban Trajectories in the Indus Civilization: Cattle Secondary Products.” Paper presented at the 73rd Annual Meetings of the Society for American Archaeology, Vancouver, BC, Canada.
- 2006 “Secondary Products and Urban Provisioning – Regional Economies and the Indus Civilization.” Poster presented at the 2006 International Council of Archaeozoology Meetings, Mexico City, Mexico.
- 2006 “It’s Not What is Under the Fingernail that Counts...” Third author with M.B. Stone, C. Steven, M. Leney, S. Barritt, and L.N. Finelli. Poster presented at the 17th International Symposium on Human Identification, Nashville, TN.
- 2001 “Cattle Keeping and Urban Subsistence at Harappa – Regional Perspectives.” Paper presented at the 66th Annual Meetings of the Society for American Archaeology, New Orleans, LA.
- 1998 "Secondary Products at Harappa: Faunal Methodologies for Understanding Urban Economies." Paper presented at the South Asia Archaeology Meetings, University of Wisconsin, Madison.
- 1997 “Secondary Products and Urban Animal Economies at Harappa: Ethnoarchaeological Approaches.” Paper presented at the 62nd Annual Meetings of the Society for American Archaeology, Nashville, TN.

PROFESSIONAL SKILLS

- Forensic anthropology and human skeletal identification-construction of biological profiles to ASCLD/LAB and ISO standards
- Forensic archaeology-burial excavation/exhumation, evidence recovery and documentation to ASCLD/LAB and ISO standards

- Archaeological field excavations and digital documentation
- Bioarchaeology-faunal osteology, zooarchaeological analysis (large mammal focus)
- Field survey and mapping (total station, theodolite, GPS, GIS, topographic mapping) TDS Surveyworks, Foresight DXM, Surfer, ArcGIS, AutoCad
- Geophysical survey techniques (ground penetrating radar and metal detector), landscape/settlement survey, and sampling methods in archaeology
- Forensic and archaeological technical report preparation, editing, and peer-review
- Conducting primary witness interviews and biographical data collection
- Mountaineering and remote recovery/excavation operations
- Documentary and web-based historical archival research and investigations
- Archaeological laboratory operations and supervision
- Trace evidence analysis of forensic material evidence and archaeological artifacts
- Selection/nomination of skeletal samples for DNA analysis
- Selection/collection of radiocarbon samples for chronometric analysis
- Taphonomic analysis of human burials and fragmentary bone
- Radiography/field radiography of forensic and archaeological bone
- Histological thin section preparation/analysis-skeletal and dental specimens
- Forensic imaging and field photography (digital photography, microscopy, scanning electron microscopy and alternate light source imaging)
- Field conservation and curation of human skeletal remains and archaeological bone, consolidation/impregnation methods, desalinization
- Skeletal specimen maceration/preparation
- HTML Web design
(www.nyu.edu/classes/wright/Archweb/ArchaeologyHome.html)
- Microsoft Office (Word, Excel, Access, Powerpoint), Adobe Photoshop, Illustrator
- Public affairs presentations and media briefings
- Approved for and able to maintain U.S. government security clearances
- Intermediate fluency in French
- Intermediate fluency in Punjabi/Hindi/Urdu (speaking only)
- Introductory knowledge of Spanish
- Typing/Keyboarding-65 wpm
- Emergency First Aid and CPR

PROFESSIONAL DEVELOPMENT/TRAINING

DNA Auditor Training, FBI Laboratory, 16.0 hrs, 8/2007

American Academy of Forensic Sciences Workshops

Transition Analysis: A New Approach to Skeletal Age Estimation, 3.25 hrs,
2/2008

Measurement, Statistics, Terminology, and Quantitative Methods, 7.0 hrs, 2/2008

Mitochondrial DNA Analysis, 6.75 hrs, 2/2007

Recovery, Examination, and Evidence of Decomposed and Skeletonized Bodies,
3.75 hrs, 2/2006

The Uses and Abuses of Statistics and FORDISC in Forensic Anthropology,
7.0 hrs, 2/2006
Entomological Evidence for Time of Death Estimates, 3.75 hrs, 2/2005
Leica Total Station Surveying, Survey Suppliers, 2.0 hrs, 4/2007
Survival Evasion Resistance Escape (SERE) Code of Conduct Training - Level B
Level 1 Military Mountain Operations and Mountaineering Training, Northern
Warfare Training Center, 60 hrs, 9/2006

RESEARCH AWARDS & GRANTS

New York University Dean's Dissertation Grant (2000-2001)
National Science Foundation Dissertation Improvement Grant (1998-1999)
Wenner Gren Foundation Pre-doctoral Grant (1996-1998)
Social Science Research Council Pre-Dissertation Fellowship (1996)
George F. Dales Foundation Fellowship (1995)
Goodman Fellowship, NYU Anthropology Department (1995)
New York University Multi-Year Fellowship (1991-1994)
Engberg Fellowship-NYU Anthropology Department (1991)
Fellows-In-Residence Program Fellowship (1991)

OTHER AWARDS

Honorable Mention (Poster) - August 2006, ICAZ Meetings, Mexico City
Outstanding Teaching Assistant Award - April 1999, New York University

PROFESSIONAL INTERESTS

Forensic Anthropology and Archaeology - methods of forensic identification
Forensic Recovery of mass graves, aircraft crash sites, crime scenes
Human Osteology-paleopathology, occupational stress markers
Taphonomy-geotaphonomy, carnivore, rodent, insect modification
Mortuary Customs/Burial Practices in Human Societies
Faunal Analysis-secondary products, pastoralism, domestication
Complex Civilizations-urban evolution, urban economies, long distance trade
Subsistence Adaptations/Technologies
South Asian Archaeology - India/Pakistan
Near Eastern Archaeology - Iraq, Syria, Israel
South East Asian Archaeology - Cambodia, Vietnam

MEMBERSHIPS & ACTIVITIES

Society for American Archaeology - Member
Register of Professional Archaeologists - Member
Sigma Xi, The Scientific Research Society - Member
International Council for Archaeozoology - Member
Forensic Archaeology Recovery - Member
Paleopathology Association - Member
Phi Beta Kappa - Member
Society of Harappan Studies - Member

REFERENCES (Available on Request)

Dr. Andrew Tyrell
JPAC-Central Identification Laboratory
310 Worcester Ave. Bldg. 45
Hickam AFB, HI 96853

Dr. William R. Belcher
JPAC-Central Identification Laboratory
310 Worcester Ave. Bldg. 45
Hickam AFB, HI 96853

Dr. Rita P. Wright
New York University
Anthropology Department
25 Waverly Place
New York, NY 10003

Dr. Richard Meadow
Harvard University - Peabody Museum
Zooarchaeology Laboratory
11 Divinity Ave.
Cambridge, MA 02138

Mr. Brett Phaneuf
Promare, Inc.
7302 Senate Ave. Ste. 104
Houston, TX 77040