

Curriculum Vitae

Michelle Diane Sivilich

Master's Student
Department of Life Sciences
Indiana State University
Terre Haute IN 47808

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Education:

09/02-present **Indiana State University**, Terre Haute, IN
MS in Life Sciences, anticipated graduation: spring 2005
Current GPA: 3.8

09/98-5/02 **St. Mary's College**, St. Mary's City, MD
BA in Sociology/Anthropology
BA in History

Research Experience:

09/02-present **Master's Thesis**, *Indiana State University* - "Determining Familial Relationships Using Ancient DNA from Urban and Rural Historic Burials".

09/01-5/02 **Senior Thesis**, *Historic St. Mary's City and St. Mary's College* "Building a GIS Coverage of Historic St. Mary's City".

01/01-5/01 **Educational Assistantship** *Historic St. Mary's City and St. Mary's College* -analyzing and creating a museum exhibit from an archaeological assemblage of artifacts.

09/99-12/99 **Independent Study** *Historic St. Mary's City and St. Mary's College* - Research included Analyzing the ceramics from an artifact assemblage dating to the time of St. Mary's Female Seminary and dated to 1890-1910.

Publications:

Phillips S. and Sivilich M. Submitted to the International Journal of Osteoarchaeology. Cleft palate: A case study of an adult male from a Late Woodland site in Indiana, USA.

Sivilich M, Nawrocki S, Ritke M, and Tuttle E. In prep. Determining Familial Relationships Using Ancient DNA from Urban and Rural Historic Burials.

Grants:

Indiana State University Graduate School Research Fund, Fall 2002	\$500
Indiana State University Graduate School Research Fund, Spring 2003	\$500
Sigma Xi, Spring 2003	\$500
Office of Sponsored Programs Student Research Scholarship, Fall 2003	\$300
Office of Sponsored Programs Student Travel Fund, Fall 2003	\$500
Indiana State University Graduate School Research Fund, Fall 2003	\$600
Indiana Academy of Science Senior Research Grant, Fall 2003	\$2,775
Indiana State University Graduate School Research Fund, Spring 2004	\$300
Total Grants Received:	\$5,975

Donated Equipment:

Promega donated 2 PowerPlex 16 System kits for a total value of \$5,550

ABI donated 1 Identifiler kit and manual for a total value of \$3,225

Recent Field Experience:

- 06/02-07/02 **Albany Almshouse Cemetery Excavation** - Worked for the New York State Museum and the Charitable Leadership Foundation to excavate burials prior to construction. An estimated 1,800 burials were present.
- 05/01-8/01 **Archaeological survey team** *Historic St. Mary's City and St. Mary's College* - Shovel Test Pit survey to determine the location of Phillip West's house from the 17th century .
- 2001 **Volunteered with USRadar** - Operated a ground penetrating radar unit on a 3-day survey at Historic St. Mary's City.
- 10/00-12/00 **Archaeological Beach Survey** *Historic St. Mary's City*, St. Mary's City, MD - Assisted with a archaeological survey along the St. Mary's River prior to an erosion control project.
- 12/2000 **Field Assistant** *Louis Berger & Associates, Inc.* -Worked for a Cultural Resource Management company. Assisted with an archaeological shovel test pit survey.
- 02/00-04/00 **Research Assistant** - *Chesapeake Biological Laboratory, Natural Capital Group* Solomons Island, MD - Assisted in management of databases for environmental economics conservation laboratory.
- 2000 **Archaeological Field School** - St. Mary's College conducted by Dr. Timothy Riorden.
- 2000 **Archaeological Beach Survey** - Assisted with a survey along the St. Mary's River for Historic St. Mary's City.
- 09/98 - 10/98 **Site Monitor** *St. Mary's College* - Worked for the Archaeology Department observing the installation of a new drainage system at US Naval Air Base to monitor and record any potential archaeological features.
- 1998 **Volunteer, Historic St. Mary's City** - Processing artifacts for the archaeology lab.

Previous Archaeological Field Experience:

- 1997 Field School Assistant Supervisor, Brookdale Community College
- 1996 Area I, Gateway National Park, Sandy Hook, NJ
- 1996 Old First Church, Middletown, NJ
- 1996 Field School Assistant Supervisor, Brookdale Community College
- 1994 Field School Assistant Supervisor, Rutgers University
- 1993 Field School Assistant Supervisor, Rutgers University
- 1992 Monmouth Battlefield State Park
- 1991 - 1992 Trinity Church, Woodbridge, NJ
- 1990 -present Monmouth Battlefield State Park

Teaching Experience (paid teaching assistantships):

Fall 2002	Human Anatomy Laboratory, Human Physiology Laboratory
Spring 2003	Principals of Biology Laboratory II
Fall 2003	Principals of Biology Laboratory I
Spring 2004	Human Physiology Laboratory, Principals of Biology Laboratory II
Fall 2004	Human Physiology Laboratory

Presentations:

7/2004	Poster presentation at the Ancient DNA and Associated Biomolecules 7 th International Conference, University of Queensland, Australia. Titled: <i>Determining Familial Relatedness Using DNA from Urban and Rural Historic Cemeteries in Indiana, USA.</i>
1/2004	Invited speaker. WinterFest 2004: Experiential Learning: Expanding Student Connections Conference. Session title: Experiential Learning in Geography, Geology, and Anthropology: Understanding the World.
10/2003	Poster presentation at the 10 th meeting of the Midwest Bioarchaeology and Forensic Anthropology association, Loyola University, Chicago. Titled: <i>Diagnostic markers of a possible case of cleft palate: A case study of an adult male from a Late Woodland site in Indiana.</i>
3/2002	Phi Alpha Theta Regional Conference. "Building a GIS of Historic St. Mary's City".
4/2004	April Archaeology Month Lectures, Historic St. Mary's City. "Building a GIS Coverage of St. Mary's City".
4/2004	Invited Speaker, St. Mary's College of Maryland. Parents Council Meeting: Faculty-Student Relationships and the St. Mary's Project. Presentation of my senior thesis "Building a GIS of Historic St. Mary's City" and participated in a question and answer session.

Professional Service:

2004	Consultant for Granada Television and the History Channel for <i>American Revolution: The Battle of Monmouth</i> an episode in the series <i>Battlefield Detectives</i> . Performed a DNA analysis of purported Revolutionary War bloodstains on church pews that served as a field hospital. Aired on the History Channel, November 26, 2004.
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Awards:

2002	Garry Wheeler Stone Award for Archaeology
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Volunteer Activities:

09/04	Indiana Junior Science and Humanities Symposium. Laboratory Demonstration on Ancient DNA.
09/03	Indiana Junior Science and Humanities Symposium. Laboratory Demonstration on Ancient DNA.

Professional Memberships:

American Anthropological Association	Council for Northeast Historical Archaeology
American Association of Physical Anthropologists	Society for Historical Archaeology
Paleopathology Association	Women in Life Science, Indiana State University
Midwest Bioarchaeology and Forensic Anthropology Association	

References:

Dr. Elaina Tuttle
Department of Life Sciences
Indiana State University
Terre Haute, IN 47809
USA

Dr. Shawn Phillips
Department of Anthropology
Indiana State University
Terre Haute, IN 47809
USA

Dr. Mary Ritke
Department of Biology
University of Indianapolis
1400 East Hanna Avenue
Indianapolis, IN 46227

Dr. Stephen Nawrocki
Department of Biology
University of Indianapolis
1400 East Hanna Avenue
Indianapolis, IN 46227

Dr. Garry Wheeler Stone
Senior Historic Preservationist
State of New Jersey
275 Freehold-Englishtown Rd.
Englishtown, NJ 07726

Dr. Henry Miller
Director of Research
Historic St. Mary's City
P.O. Box 39
St. Mary's City MD, 20686

Relevant Undergraduate Coursework:

Archaeological Analysis and Curation
Archaeological Artifact Analysis
History of the Roman Empire
Who Owns the Past
Historical Archaeology
The Ancient Family
Historical Archaeology Field School
Biological Anthropology
History of the Foundation of the Modern World to 1450
Social Stratification
American Civilization
History of East Asian Women
History of Modern China
Theories and Uses of History
Socio-Cultural Theory

Relevant Graduate Coursework:

Advanced Readings in Ancient DNA Analysis
Seminar in Early Earth History
Medical Anthropology
Archaeology of Eastern North America
Advanced Readings in Forensic Biology
Forensic Anthropology
Clinical Human Gross Anatomy
Population Genetics
Mating Strategies