

# CHELSEA L. TEALE

Humboldt State University  
Department of Geography  
1 Harpst Street Arcata, CA 95521  
(518) 528-7342 ct1154@humboldt.edu

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## EDUCATION

- May 2013 **Pennsylvania State University—College of Earth and Mineral Sciences**  
Doctor of Philosophy, Department of Geography  
Dissertation: *Informing Environmental History with Historical Ecology: Agricultural Wetlands in New Netherland, 1620-1820*
- Aug 2006 **Syracuse University—Maxwell School of Citizenship & Public Affairs**  
Master of Arts, Department of Geography  
Thesis: *A Descriptive and Analytical Biogeography of Earthworms (Annelida:Oligochaeta) in the Yukon Territory, Canada*
- May 2004 **State University of New York at Geneseo**  
Bachelor of Arts, Department of Geography (Cum Laude)  
Concentrations in Biology, Anthropology, and Environmental Studies
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## EMPLOYMENT

- Aug 2013 – Present **Lecturer in Geography—Humboldt State University, Arcata, CA**  
Developed and implemented undergraduate coursework (see Teaching Experience).
- March-June 2013 **Environmental Specialist—HTE Northeast, Bedford, NH**  
Identified potential or existing environmental contamination liabilities through evaluation of hazardous materials, soils, water, biota, and federal, state, and local records of land-use.
- Sept 2007 – June 2008 **Earth Science Teacher—John J. Duggan Middle School, Springfield, MA**  
Developed and implemented eighth grade curriculum, worked with other teachers to create interdisciplinary explorations of New England.
- Aug 2006 – June 2007 **Lab Manager & Research Assistant—University of Georgia Institute of Ecology**  
Compiled data on global patterns of exotic bird and mammal distribution; managed lab materials, website, and employees.
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## RESEARCH EXPERIENCE

- July 2010 – March 2013 **Research Associate in Biology—New York State Museum**  
Dissertation research using micropaleontological techniques and historical records. Collaboration with scientists, museum educators, and exhibit planners. Assisted with curation of Quaternary Paleobotany Collection.
- June – Aug 2005 **Master's thesis research—Yukon Territory, Canada**  
Empirical and anecdotal survey of indigenous and introduced earthworms in relation to glacial limits and human activity.
- May 2004 – April 2005 **Research Assistant—New York State Museum**  
Study of late-Pleistocene mastodon diet in New York State using pollen and plant macrofossils found in digesta.
- May – Aug 2003 **Research Assistant—SUNY Geneseo Biology Department**  
Study of Holocene treeline dynamics in the White Mountains of New Hampshire and Maine using plant macrofossils from sediment cores.

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**TEACHING EXPERIENCE (\* WITH LABORATORY OR DEPTH COMPONENT)****Lecturer, Humboldt State University**

GSP 101	<i>Geospatial Concepts Laboratory</i>	ENST 395	<i>Environmental Studies Research &amp; Analysis</i>
GEOG 106	<i>Physical Geography*</i>	GEOG 411	<i>Senior Field Research</i>
GEOG 304	<i>Migrations and Mosaics</i>	GEOG 470	<i>Geography for Educators</i>
GEOG 311	<i>Geographic Research &amp; Writing*</i>	GEOG 472	<i>North American Landscapes*</i>
GEOG 352	<i>Regional Climatology*</i>		
GEOG 356	<i>Global Ecology and Biogeography*</i>		

**Instructor, Penn State University**

GEOG 160W *Mapping Our Changing World (online)*

**Teaching Assistant, Penn State University**

GEOG 102	<i>The American Scene</i>	GEOG 160	<i>Introduction to Mapping</i>
GEOG 111	<i>Biogeography &amp; Global Ecology*</i>	GEOG 160W	<i>Mapping Our Changing World (online)</i>

**Teaching Assistant, Syracuse University**

GEOG 155	<i>The Natural Environment*</i>	GEOG 381/681	<i>Cartographic Design*</i>
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**PUBLICATIONS**

Teale, C. (submitted). "The country hath outgrown the meadows": the loss of wetland agricultural value in northeastern North America 1800-1840. *Agricultural History Review*.

Teale, C. (accepted, in review). Wetland use and management in New Netherland. *New York History*.

Teale, C. (2016). Wetlands of New Netherland. *Hudson River Valley Review* 33.

Teale, C. (2016). Student Spotlight: Humboldt State University. *Bulletin of the California Geographical Society*, 70(1): 2-3.

Teale, C. (2014). Review of *Planning Paradise: Politics and Visioning of Land Use in Oregon*, by Peter A. Walker and Patrick T. Hurley, *Humboldt Journal of Social Relations*, 36, 192-194.

Teale, C. & N. Miller (2012). Mastodon Herbivory in Mid-Latitude Late Pleistocene Boreal Forests of Eastern North America. *Quaternary Research*, 78, 72-81. [cited by 5]

Teale, C. (2011). The Introduction and Naturalization of Exotic Ornamental Species in the Hudson Valley. Ch. 13 In R. Henshaw (Ed.) *Environmental History of the Hudson Valley*. Albany, NY: SUNY Press.

Teale, C. (2011). A revised account of initial mute swan (*Cygnus olor*) introductions to the northeastern United States. *Biological Invasions*, 13, 1729-1733. [cited by 1]

Teale, C. (2007). A preliminary survey of the oligochaete fauna of the Yukon Territory, Canada. *Megadrilologica*, 11, 3-7. [featured in the Yukon News, 2011]

Teale, C. (2003). Ecotourism and the Sustainable Biosphere Initiative. Chapter 20 In A. Capacci (Ed.) *Paisaje, Ordenamiento Territorial y Turismo Sostenible*. Génova, Italy: Brigati.

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**PUBLICATIONS (PROFESSIONAL REPORTS)**

- Teale, C. and E. Teale (2015). *ASTM Phase I Environmental Site Assessment for 70 Pittsfield-Lenox Road, Lenox, Massachusetts*. HTE Northeast, Inc. Bedford, New Hampshire.
- Teale, C. and E. Teale (2015). *Soil Contamination Review for General Electric Factory of the Future, 40 Federal Street, Lynn, Massachusetts*. HTE Northeast, Inc. Bedford, New Hampshire.
- Teale, C. and E. Teale (2013). *ASTM Phase I Environmental Site Assessment for Polaroid Plant, Waltham, Massachusetts*. HTE Northeast, Inc. Bedford, New Hampshire.
- Teale, C. and E. Teale (2013). *ASTM Phase I Environmental Site Assessment for 339-355 Mammoth Road, Pelham, New Hampshire*. HTE Northeast, Inc. Bedford, New Hampshire.
- Teale, C. and E. Teale (2013). *ASTM Phase I Environmental Site Assessment for Pneutek, Inc., Hudson, New Hampshire*. HTE Northeast, Inc. Bedford, New Hampshire.
- Teale, C. and E. Teale (2013). *ASTM Phase I Environmental Site Assessment for 239 Main Dunstable Road, Nashua, New Hampshire*. HTE Northeast, Inc. Bedford, New Hampshire.

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**PRESENTATIONS (\*PAPER, †INVITED)**

- April 2016                      **Humboldt State University IdeaFest**, Arcata, CA. *Invasive Species and Eradication Programs*. With student Daniel Cooper.
- April 2015                      \*†**Association of American Geographers (AAG)**, Chicago, IL. *The Importance of Historical Sources in Identifying Chronostratigraphic Markers for Sediment Cores*
- April 2015                      \*†**Humboldt State University Department of Geography**, Arcata, CA. *A Dung Deal*
- April 2014                      \*†**AAG**, Tampa, FL. *"The Country Hath Outgrown the Meadows": A Mixed-Methods Approach to Understanding 19th-C. Wetland Devaluation in Northeastern North America*
- March 2013                      **Geological Society of America Northeastern Section**, Bretton Woods, NH. *Multi-Proxy Reconstruction of a Floodplain Wetland in Eastern New York State, with Emphasis on the Historical Period*
- Feb 2012                        \*†**AAG**, New York, NY. *Informing Environmental History with Historical Ecology: Agricultural Wetlands in New Netherland, 1620-1820*
- April 2011                      \*†**Society of Women Geographers**, Washington, D.C. *Agricultural Wetlands in New Netherland, 1620-1820*
- April 2010                      \***AAG**, Washington, D.C. *The Contribution of European Landscape Gardening to the Flora and Fauna of the Northeastern United States*
- Nov 2009                        \***Hudson River Environmental Society**, Beacon, NY. *The Introduction and Naturalization of Exotic Ornamental Plants in New York's Hudson River Valley*
- March 2009                      **AAG**, Las Vegas, NV. *Charismatic Exotic Species in New York's Hudson Valley*

April 2006	<b>Northeast Natural History Conference IX</b> , Albany, NY. <i>Mastodon Diet Inferred from Sites in New York State</i>
March 2006	<b>*AAG</b> , Chicago, IL. <i>An Analytical and Descriptive Biogeography of Earthworms (Annelida: Oligochaeta) in the Yukon Territory, Canada</i>
April 2005	<b>AAG</b> , Denver, CO. <i>Dung Deal: Mastodon Digesta as a Paleobiogeographic Proxy Record</i>
April 2004	<b>First Annual Undergraduate Scholars Symposium</b> , Geneseo, NY. <i>Centennial Scale Climate Oscillations in the White Mountains</i>
March 2003	<b>AAG</b> , New Orleans, LA. <i>Preserving Rural Character through Urban Conservation in Geneseo, NY</i>
Sept 2002	<b>*Annual Tourism Conference</b> , Havana, Cuba. <i>Ecotourism and the Sustainable Biosphere Initiative</i>

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#### PROFESSIONAL DEVELOPMENT AND ACTIVITIES

September 2016	<b>Reviewer</b> , <i>California Geographer</i>
August 2016	<b>Accepted</b> , PaleON summer course on paleoecological data modeling
June 2016	<b>Attended</b> , American Quaternary Association Biennial Meeting
March 2016	<b>Attending</b> , Association of American Geographers annual conference
May 2015	<b>Organizer and Judge</b> , California Geographic Society conference
February 2015	<b>Judge</b> , Humboldt State History Day essay competition
Aug 2014-May 2015	<b>Faculty Advisor</b> , Humboldt State University Geographic Society
Aug 2014	<b>Attended</b> , Humboldt State University Institute for Student Success
May 2014, March 2016	<b>Editorial Consultant and Reviewer</b> , <i>Humboldt Journal of Social Relations</i>
May 2014	<b>Attended</b> , Perspectives on the State of Jefferson conference
May 2014	<b>Textbook reviewer</b> , <i>Living Physical Geography</i>
Aug 2013	<b>Attended</b> , Humboldt State University Institute for Student Success
Oct 2012	<b>Attended</b> , Northeast and Atlantic Canada Environmental History Forum
Sept 2011	<b>Attended</b> , 8th International Meeting on Phytolith Research conference
April 2011	<b>Attended</b> , American Society for Environmental History conference
Nov 2010	<b>Contributor</b> , New York State Museum exhibit on mastodon herbivory
Aug 2008 – Sept 2010	<b>Vice President</b> , Geography Department Outing Club
Sept 2007	<b>Contributor</b> , New York State exhibit on invasive species in New York
Aug 2005 – Aug 2006	<b>Teaching Associate</b> , Future Professoriate Project of Syracuse University

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#### AWARDS (\$26,000 TO-DATE)

February 2016	Undergraduate Research Grant, Humboldt State University (\$400)
May 2015	Registration Grant, California Geographic Alliance (\$395)
Aug 2013 – Aug 2015	Travel Grants, Humboldt State University (\$1,800)
Sept 2011	Ruby S. Miller Academic Achievement Award (\$166)
April 2011	Larry J. Hackman Research Residency, NYS Archives (\$250)
April 2011	E. Willard Miller Award in Geography, Best PhD Paper (\$600)
Sept 2010 – May 2011	Society of Women Geographers National Fellowship (\$10,000)
Aug 2010 – Aug 2011	NSF Doctoral Dissertation Research Improvement Grant (\$7,405)
April – Dec 2010	Cunningham-Quinn Library Research Fellowship, NYS Library (\$2,500)
March 2010	Ruby S. Miller Academic Achievement Award (\$350)
April 2006	Best Masters Paper, AAG Biogeography Specialty Group (\$200)
May – Aug 2005	Fellowship, Maxwell Dean's Summer Stipend (\$2,800)