

CURRICULUM VITAE

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DATE: May 16, 2017

PERSONAL INFORMATION:

Birth Date: 31 March 1967, Easton, Maryland
Marital Status: Married, Dr. Brooke M. Buckley, General Surgeon, 6 June 2009

RESEARCH INTERESTS:

Geomorphology, Quaternary Geology, & Geochronology
Sea Level Change & Coastal Geology
Soil Science, Stratigraphy, & Earth Surface Processes
GIS & Remote Sensing Applications
Environmental Science
Geochemical and Isotopic Analyses
Paleoecology & Paleoclimatology
Eastern North America Prehistoric and Historic Archaeology
Geoarchaeology and Bioarchaeology

EDUCATION:

PhD University of Delaware, January 2010
Major: Geoarchaeology/Geology
Academic Degree GPA: 3.668
Dissertation: *Geoarchaeological Investigations at Selected Coastal Archaeological Sites along the Delmarva Peninsula: The Long-Term Interrelationship between Climate, Geology, and Culture.*

MA Temple University, January 2001
Major: Archaeology/Anthropology
Academic Degree GPA: 3.87
Thesis: *Archaeological Survey of the Chesapeake Bay Shorelines Associated with Accomack County and Northampton County, Virginia: A Geologic Assessment of Archaeological Deposits in the Coastal Zone.*

EDUCATION: (continued)

BA University of Delaware, January 1992, *magna cum laude*
Major: Anthropology
Academic Degree GPA: 3.833

High School St. Michaels High School, St. Michaels, Maryland, 1985

FELLOWSHIPS:

9-1-2013 to 5-30-2014

Post-Doctoral Research Fellowship, Smithsonian Institution
National Museum of Natural History, Washington, D.C.

Title of Research: Stable Oxygen Isotope Values for Prehistoric
Whelk and Marginella Shell Ornaments: Isotopic Source
Comparisons with Modern Shellfish Samples from both the Atlantic
Coast and the Gulf of Mexico

Advisors: Dr. Torben Rick and Dr. Christine France

7-1-2009 to 4-30-2010

Pre-Doctoral Research Fellowship, Smithsonian Institution National
Museum of Natural History, Washington, D.C.

Title of Research: Analysis of the Smithsonian's Middle Atlantic
Paleoindian Site Collections and the Associated Site Formation
Processes: A Comparison with the Delmarva Peninsula Data

Advisors: Dr. Dennis Stanford and Dr. Torben Rick

PROFESSIONAL EMPLOYMENT AND AFFILIATIONS:

2001 - Director, Chesapeake Watershed Archaeological Research
Foundation a 501(c)(3) Organization, Easton, MD

2009 - Research Associate & Fellow, Department of Anthropology,
Smithsonian Institution National Museum of Natural History,
Washington, D.C.

2016 - Affiliated Assistant Professor, Department of Geology, University of
Delaware, Newark, DE

2013 - 2016 Research Associate, Department of Geology, University of
Delaware, Newark, DE

PROFESSIONAL EMPLOYMENT AND AFFILIATIONS: (continued)

- 2012 Lecturer in Physics, Department of Physics, Washington College, Chestertown, MD
- 1999 - 2016 Principal Investigator / Research Scientist, Threatened Sites Program, Virginia Department of Historic Resources, Newport News, VA
- 2007 - 2009 Instructor / Teaching Assistant, Department of Geology, University of Delaware, Newark, DE
- 2002 - 2009 Adjunct Faculty/Staff Archeologist, Anthropology Program, Washington College, Chestertown, MD
- 2003 - 2007 GIS Consultant, Anthropology Program, Washington College, Chestertown, MD
- 2000 Museum Layout & Design Consultant, Chesapeake Exploration Center, Kent Narrows, MD
- 1997 - 2000 Research Scientist, Department of Anthropology, Temple University, Philadelphia, PA
- 1995 - 1997 Principal Investigator / Research Scientist, Maryland Historical Trust and the Somerset County Historical Trust, Princess Anne, MD
- 1992 - 1995 Principal Investigator / Research Scientist, Maryland Historical Trust, the University of Delaware Center for Archaeological Research, and the Kent Island Heritage Society, Stevensville, MD

AWARDS:

- 2008 & 2009 Department of Geology, Professional Development Award, Newark, Delaware.
- 1991 Phi Beta Kappa Honor Society, University of Delaware, Newark, DE
- 1990 Phi Kappa Phi Honor Society, University of Delaware, Newark, DE
- 1989 Julian Stewart Award, Department of Anthropology, University of Delaware, Newark, DE

ACCOMPLISHMENTS AND SPECIAL RECOGNITION:

- 2016 Recorded 1,854 Archaeological Sites within Maryland, Virginia, and Delaware.
- 2016 Archaeologically Surveyed 2,882 Miles of Coastline within the Middle Atlantic Region.
- 2016 Archaeologically Surveyed 91,241 Acres of Agriculturally-Tilled Fields on the Delmarva Peninsula.
- 2012 Featured on Maryland Public Television's *Secrets of the Chesapeake*, which first aired on April 17th 2012.
- Research featured in the book entitled *Across Atlantic Ice: The Origin of America's Clovis Culture* by Dennis J. Stanford and Bruce A. Bradley.
- 2008 Featured on History Channel's *Journey to 10,000 BC*, which first aired on March 10th 2008.
- 2007 Featured in January issue of the *Chesapeake Bay Journal* for an overview on the Paw Paw Cove site, Tilghman Island, MD
- 2005 Featured in April issue of the *Chesapeake Bay Journal* for an overview on the geology of an Atlantic coast barrier island
- 2002 Featured in a book entitled *The Great Marsh: An Intimate Journey into a Chesapeake Wetland* by David Harp and Tom Horton
- 2001 Featured in a book entitled *Saving the Bay: People Working for the Future of the Chesapeake* by Ann and Richard Dorbin.
- 2001 Featured in *American Archaeology* magazine Volume 5(1): 40-41 in an article entitled *Gateway to the Mid-Atlantic*.
- 2000 Featured in *American Archaeology* magazine Volume 3(4): 34 in an article entitled *Hunting for Archaeology in Delaware*.

ACADEMIC PUBLICATIONS:

In Preparation

Lowery, D. The Archaeology, the Geology, and the Paleoclimatology of the Delmarva Peninsula and the Chesapeake Bay over the Past 25,000 Years.

ACADEMIC PUBLICATIONS: (continued)

In Preparation

Lowery, D., T. Rick, and J. Wah. Geoarchaeological Proxies for Rates of Late Holocene Marine Transgression in the Chesapeake Bay Region.

Lowery, D., D. P. Wagner, J. S. Wah, D. J. Stanford, K. Puseman, C. Yost, A. Nurse, and J. Fagan. A 42,000 year Upland Geoarchaeological Sequence and the Possible LGM-Age Paleo-American Archaeological Record of the Delmarva Peninsula, USA.

Under Review

Eshelman, R., **D. Lowery**, D. Wagner. Late Pleistocene (Rancholabrean) Mammalian Assemblage from Paw Paw Cove, Tilghman Island, Maryland. (*Smithsonian Contributions to Paleobiology*)

Lowery, D., and J. Wah. Storm Surge Coastal Overwash Deposits: Potential Impacts on Archaeological and Geological Interpretations. (*Journal of Island and Coastal Archaeology*)

Wah, J., D. Wagner, and **D. Lowery**. Middle Atlantic Loess. (*Quaternary Research*)

In Press

Lowery, D. Recent Studies Investigating a Short-Term Pulse of Ramah Chert into the Chesapeake Bay Region circa 500 AD to 900 AD. (Chapter to be included in the book entitled *Ramah Chert Studies*, edited by Jenneth E. Curtis and Pierre M. Desrosiers, Parks Canada).

Lowery, D., and D. Wagner. Sources of Orthoquartzite in the Mid-Atlantic Coastal Plain: Paleoindian Use of an Inundated Coastal Plain Quarry beneath the Chesapeake Bay, pp. 937-967. (Chapter to be included in the book entitled *In The Eastern Fluted Point Tradition*, Volume II, edited by Joseph A. M. Gingerich, University of Utah Press)

Stanford, D., **D. Lowery**, M. Jodry, and M. Frank. Mockhorn Island and Insights into Paleoindian Coastal Adaptations, pp. 58-95. (Chapter to be included in the book entitled *In The Eastern Fluted Point Tradition*, Volume II, edited by Joseph A. M. Gingerich, University of Utah Press).

ACADEMIC PUBLICATIONS: (continued)

- 2017 O'Neal, M. and **D. Lowery**. Observations of the Reduction in Surface Artifact Frequency as a Result of Multimodal Plowing. *Geoarchaeology*, Early View, DOI: 10.1002/gea.21612.
- 2016 **Lowery, D.** Archaeological Survey on Virginia's Coast: Recording Cultural Resources along Shifting Shorelines. *Notes on Virginia*, Vol. 54: 66-71.
- Reeder-Myers, L., T. Rick, **D. Lowery**, J. Wah and G. Henkes. Human Ecology and Coastal Foraging at Fishing Bay, Maryland, USA. *Journal of Ethnobiology* 36 (3): 595–616.
- Lothrop J., **D. Lowery**, A. Spiess, and C. Ellis. Early Human Settlement of Northeastern North America. *PaleoAmerica: A Journal of Early Human Migration and Dispersal*, Vol. 2 (3): 192-251.
- T. Rick, L. Reeder-Myers, C. A. Hofman, D. Breitburg, R. Lockwood, G. Henkes, L. Kellogg, **D. Lowery**, M. Luckenbach, R. Mann, M. Ogburn, M. Southworth, J. Wah, J. Wesson, and A. Hines. Millennial Scale Sustainability of the Chesapeake Bay Native American Oyster Fishery. *Proceedings of the National Academy of Sciences*, 113 (23): 6568-6573.
- 2015 **Lowery, D.**, T. Rick, M. Barber, J. Wah, and M. Madden. Meadowood South of the Mason-Dixon Line: An Early Woodland Meadowood Presence on the Delmarva Peninsula. *Archaeology of Eastern North America* 43: 39-60.
- Rick, T., M. Barber, **D. Lowery**, J. Wah, and M. Madden. Early Woodland Coastal Foraging at the Savage Neck Shell Midden (44NH478), Chesapeake Bay, Virginia. *Archaeology of Eastern North America* 43: 23-38.
- Jensen, A., T. Rick, and **D. Lowery**. Reconciling Cultural Technologies, Chronologies, and the Rising Tide at Fishing Bay, Maryland. *North American Archaeologist*, 36: 141-164.
- 2014 **Lowery, D.**, C. France, and T. Rick. *Stable Isotope Analysis of Modern and Archaeological Whelk and Marginella Shell in Eastern North America*. Available at Academia.edu (see <https://si.academia.edu/DarrinLowery>)

ACADEMIC PUBLICATIONS: (continued)

- 2014 Stanford, D., **D. Lowery**, M. Jodry, B. Bradley, M. Kay, T. Stafford, and J. Speakman. New Evidence for Paleolithic Occupation of the Eastern North American Continental Shelf at the Last Glacial Maximum, pp. 73-94. In *Prehistoric Archaeology of the Continental Shelf: A Global Review*, edited by Amanda Evans, Joseph Flatman, and Nicholas Flemming, Springer.
- Wah, J., **D. Lowery**, and D. Wagner. Loess, Landscape Evolution, and Pre-Clovis on the Delmarva Peninsula, pp. 32-48. In *Pre-Clovis in the Americas: International Science Conference Proceedings*, edited by Dennis Stanford and Alison Stenger, Smithsonian Institution.
- 2013 Collins, M., D. Stanford, **D. Lowery**, and B. Bradley. North America Before Clovis: Variance in Temporal/Spatial Cultural Patterns, 27,000 to 13,000 B.P. *Paleoamerican Odyssey*, edited by Kelly Graf.
- Lowery, D.** Jack's Reef in the Chesapeake and Delmarva Region: Research into the Coastal Archaeology of the Era between circa 480 calAD to 900 calAD. *Archaeology of Eastern North America*, 41: 5-30.
- Rick, T., and **D. Lowery**. AMS ¹⁴C Dating and the Antiquity of Shell-Tempered Ceramics in the Chesapeake Bay and Middle Atlantic. *American Antiquity* 78(3): 570-579.
- Lowery, D.**, and D. Stanford. *A Paleoindian Encampment at 44NH233: An Inundated Coastal Paleoindian Site along the Atlantic Seashore of the Delmarva Peninsula*. Smithsonian Research Reports, Washington, D.C.
- 2012 **Lowery, D.** The Delmarva Adena Complex: A Study of the Frederica Site, Kent County, Delaware. *Archaeology of Eastern North America*, 40: 27-58.
- Lowery, D.**, J. Wah, and T. Rick. Post-Last Glacial Maximum Dune Sequence for the "Parsonburg" Formation at Elliott's Island, Maryland. *Current Research in the Pleistocene* 28: 134-135.
- Lowery, D.**, D. Stanford, and M. Jodry. Clovis Coastal Zone Width Variation: A Possible Solution for Early Paleoindian Population Disparity along the U. S. East Coast. *Journal of Island and Coastal Archaeology* 7(1): 1-10.

ACADEMIC PUBLICATIONS: (continued)

- 2012 Rick, T., G. Henkes, **D. Lowery**, S. Colman, and B. Culleton. Marine Radiocarbon Reservoir Corrections (ΔR) for the Chesapeake Bay and Middle Atlantic. *Quaternary Research* 77 (1): 205-210.
- Lowery, D.**, and D. Wagner. Geochemical Impacts to Iron-Rich Lithic Artifacts in the Nearshore Coastal Zone. *Journal of Archaeological Science* 39 (3): 690-697.
- 2011 **Lowery, D.**, S. Godfrey, and R. Eshelman. Integrated Geology, Paleontology, and Archaeology: Native American Use of Fossil Sharks Teeth in the Chesapeake Bay Region. *Archaeology of Eastern North America* 39: 93-108.
- Rick, T., **D. Lowery**, G. Henkes, and J. Wah. A Late Holocene Radiocarbon Chronology for the Shell Middens of Fishing Bay, Maryland. *Archaeology of Eastern North America* 39: 153-169.
- 2010 **Lowery, D.** The Challenge of Conducting Prehistoric Underwater Archaeology. *Notes on Virginia*, Volume 53: 50-53.
- Lowery, D.**, M. A. O'Neal, J. S. Wah, D. P. Wagner, and D. J. Stanford. Late Pleistocene Upland Stratigraphy of the Western Delmarva Peninsula, USA. *Quaternary Science Reviews* 29 (11-12): 1472-1471.
- 2009 **Lowery, D.**, and R. Martin. Archaeology of Marine Transgression: An Inundated Middle Archaic Burial in Chesapeake Bay. *Archaeology of Eastern North America* 37: 159-173, 2009.
- 2008 **Lowery, D.** The Prehistoric Peninsula. In *At the Crossroads: The Architectural History of Wicomico County, Maryland*, by Paul Baker Touart. Maryland Historical Trust Press, Crownsville, Maryland.
- 2003 **Lowery, D.** Investigating Clovis on the Delmarva Peninsula. *Mammoth Trumpet* 19(1).
- 2002 **Lowery, D.** The Edgefield Scraper and the Waller Knife on the Delmarva Peninsula: A Comparative Study. *Journal of Middle Atlantic Archaeology* 14.

ACADEMIC PUBLICATIONS: (continued)

- 2002 **Lowery, D.** The Distribution of Miocene Silicified Sandstone in the Archaeological Record and Interpretations Based on the Observed Patterns: A Test of GIS in Archaeology. *Journal of Middle Atlantic Archaeology* 14.
- 1995 **Lowery, D.** The Amy's Marsh Broadspear Cache and Its Implications for the Barker's Landing Complex on Maryland's Eastern Shore. *Maryland Archaeology* 31, No. 1-2.
- Lowery, D.** Early 17th Century Sites in the Upper Chesapeake Bay Region: An Analysis of Five Archaeological Sites in Queen Anne's County and Talbot County. *Maryland Archaeology* 31, No. 1-2.
- Lowery, D.,** and T. Phillips. The Meekins Neck Paleoindian Site Complex, Dorchester County, Maryland: A Development of a Paleoindian Settlement Model for the Delmarva Peninsula. *Maryland Archaeology* 30, No. 2.
- 1994 **Lowery, D.** Recent Excavations at the Paw Paw Cove Paleoindian Site, Talbot County, Maryland. *Current Research in the Pleistocene* 11.
- 1992 **Lowery, D.** The Distribution and Function of Prehistoric Sites within the Lower Bay Hundred District, Talbot County, Maryland. *Journal of Middle Atlantic Archaeology* 8, pp. 11-40.
- 1990 **Lowery, D.** Recent Discoveries at the Paw Paw Cove Complex. *Current Research in the Pleistocene* 7.
- 1990 **Lowery, D.,** and J. Custer. Crane Point: An Early Archaic Site in Maryland. *Journal of Middle Atlantic Archaeology* 6, pp. 75-120.
- 1989 **Lowery, D.** The Paw Paw Cove Paleoindian Site Complex, Talbot County, Maryland. *Archaeology of Eastern North America* 17, pp. 143-163.
- 1989 **Lowery, D.** The Paw Paw Cove Paleoindian Site Complex. *Abstracts of the North American Collections from The First World Summit Conference on the Peopling of the Americas*. Edited by John Tomenchuk and Robson Bonnichsen, p. 30, University of Maine, Orono.

ACADEMIC PUBLICATIONS: (continued)

- 1989 **Lowery, D.** Recent Discoveries Relating to the Delmarva Adena Complex: An Analysis of the Miles River Adena Site. *The Chesopeian* 27, No. 3, pp. 2-10.
- Lowery, D.** A Stoneware Sherd Dated 1593 Found Off of Kent Island, Queen Anne's County, Maryland, *Maryland Archaeology* 25, No. 1 (cover).
- 1988 **Lowery, D.** A Birdstone from Talbot County, Maryland. *Maryland Archaeology* 24, No. 2, p. 27.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

- 2017 **Lowery, D.** *Coastal Geomorphology and the Search for John Smith's First Landing Site, June 3rd 1608 on Mockhorn Island, Virginia.* (see <https://si.academia.edu/DarrinLowery>)
- 2016 **Lowery, D.** *A Coastal Archaeological Survey and Shoreline Erosion Assessment of Accomack and Northampton Counties, Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.
- Lowery, D., M.O'Neal, and D. Wagner.** *Phase II Archaeological Survey of the Waterman Property, Queen Anne's County, Maryland.* Report prepared for Waterman Realty Company, Chester, Maryland.
- 2015 O'Neal, M., and **D. Lowery.** *Phase I Archaeological Survey of the Proposed Ponderosa Poultry Farm Complex Located at 12474 Double Fork Road, Greenwood, Delaware.* Report prepared for Adam Cartwright, Greenwood, Delaware.
- Lowery, D.** *Archaeological Shoreline Survey of Back Bay along Coastal Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.
- Lowery, D.** *Archaeological Shoreline Survey of the Lower York River Islands in Coastal Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.
- 2014 **Lowery, D.** *Archaeological Field Survey Encompassing Portions of Accomack and Northampton Counties, Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

(continued)

- 2014 **Lowery, D.** *Archaeological Investigations at 44NH462: An Inundated Coastal Archaic Site along the Lower Delmarva Peninsula, Northampton County, Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.
- 2013 **Lowery, D.** *Geoarchaeological Proxies of Late Holocene Relative Sea Level Rise: Two Centuries of Tidal Marsh-Upland Interface Change along the Lower Delmarva Peninsula.* Virginia Department of Historic Resources, Richmond, Virginia.
- Lowery, D.** *Phase I Terrestrial Archaeological Survey of the Belvidere Tract (13-SP-1103) in Cecil County, Maryland.* Manuscript prepared for York Building Products. Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 2012 **Lowery, D.,** M. A. O'Neal, S. Carisio, and T. Montini. *Sea Level Rise in Coastal Virginia: Understanding Impacts to Archaeological Resources.* Virginia Department of Historic Resources, Richmond, Virginia.
- Rick, T., J. Wah, and **D. Lowery.** *Archaeological Investigations at the Savage Neck Shell Midden (44NH478), Northampton County, Virginia.* Virginia Department of Historic Resources, Richmond, Virginia.
- 2011 **Lowery, D.** and J. Wah. *Phase I Terrestrial Archaeological Survey of the Maryland Broadband Cooperative Chesapeake Bay Fiber Optic Cable Crossing Sites at Taylor's Island in Dorchester County and at Cove Point in Calvert County, Maryland.* Manuscript prepared for G4S Technology, LLC. Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** A Brief Summary of the Popes Creek Midden Deposits along the Potomac River. In the *Acid Sulfate Soil Field Trip Guidebook* for the MAPSS/VAPSS University of Maryland and Virginia Tech Conference and Workshop held on November 3-4, 2011.
- Lowery, D.** and G. Watts. *Prehistoric Site Potential and Historic Shipwrecks on the Atlantic Outer Continental Shelf: The Middle Atlantic Bight.* U. S. Department of the Interior, Bureau of Ocean Energy Management, Regulation, and Enforcement: File Report Atlantic OCS Region.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

(continued)

- 2011 **Lowery, D.** *Phase I Terrestrial Archaeological Survey of the Ingelside Tract Owned by the Bridgetown Development Company, Queen Anne's County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 2010 **Lowery, D.** *The Late Quaternary Geology and Archaeology of Mockhorn Island, Virginia. A Summary of 2009 and 2010 Research.* Virginia Department of Historic Resources, Richmond, Virginia.
- Lowery, D.** *A Prehistoric Archaeological Assessment of the Middle Atlantic Continental Shelf.* Manuscript prepared for Tidewater Atlantic Research and the Minerals Management Service, Washington, North Carolina.
- Lowery, D.** *Geoarchaeological Survey of Troth's Fortune in Talbot County, Maryland.* Manuscript on file at the National Trust for Historic Preservation, Washington, D.C.
- Lowery, D.** *Phase I Archaeological Survey for the Nossick Farm Mine near Hurlock, Dorchester County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *Phase I Archaeological Survey of the Bay Hundred District within Talbot County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 2008 **Lowery, D.** *Archaeological Survey of the Chesapeake Bay Shorelines Associated with Mathews County, Virginia: An Erosion Threat Study.* Survey and Planning Report Series. Virginia Department of Historic Resources, Richmond, Virginia.
- 2007 **Lowery, D.** *The Archaeology of Sea Level Rise: Geoarchaeological and Geomorphological Investigations along Messongo Creek in Accomack County, Virginia.* Manuscript prepared for the Virginia Department of Historic Resources, Richmond, Virginia.
- Seidel, J., **D. Lowery**, and W. Miller. *A Cultural Resource Management GIS and Archaeological Predictive Model for Caroline, Cecil, and Talbot Counties, Maryland.* Manuscript prepared for the Maryland State Highway Administration and the Maryland Historical Trust, Baltimore, Maryland.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

(continued)

- 2007 **Lowery, D.** *Phase I Terrestrial Archaeological Survey for the Proposed Bay Head Farm Development, Anne Arundel County, Maryland.* Manuscript prepared for Bay Engineering Inc.
- Lowery, D.** *Phase I Terrestrial Archaeological Survey at Miles Point in Talbot County, Maryland.* Manuscript prepared for the Midland Companies.
- 2006 **Lowery, D.** *Phase I Terrestrial Archaeological Survey of Kingston Landing, Talbot County, Maryland.* Manuscript prepared for Talbot County Department of Public Works.
- 2005 **Lowery, D.** *Phase I Terrestrial Archaeological Survey of the Proposed West Denton Annexation Project Area, Caroline County, Maryland.* Manuscript prepared for the Town of Denton and Rocks Engineering, Inc. in cooperation with the Chesapeake Bay Watershed Archaeological Research Foundation.
- Lowery, D.** *Archaeological Survey of the Fishing Bay and the Fairmount Wildlife Management Areas Within Dorchester and Somerset County, Maryland.* Manuscript prepared for the Maryland Department of Natural Resources and the Maryland Historical Trust, Crownsville, Maryland.
- 2004 Seidel, J., **D. Lowery**, and T. Davis. *A Cultural Resource Management GIS and Archaeological Predictive Model for Kent & Queen Anne's Counties, Maryland.* Manuscript prepared for the Maryland State Highway Administration and the Maryland Historical Trust, Baltimore, Maryland.
- Lowery, D.** *A Landscape Sculpted by Wind and Water: Additional Archaeological and Geomorphological Investigations on Mockhorn Island in Northampton County, Virginia.* Manuscript prepared for the Virginia Department of Historic Resources, Richmond, Virginia.
- 2003 **Lowery, D.** *Archaeological and Geomorphological Investigations at the Harleigh Knoll Site in Talbot County, Maryland.* Manuscript prepared for Mr. John Akridge.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

(continued)

- 2003 **Lowery, D.** *A Landscape Sculpted by Wind and Water: Archaeological and Geomorphological Investigations at the Upper Ridge Site (44NH440) on Mockhorn Island in Northampton County, Virginia.* Manuscript prepared for the Virginia Department of Historic Resources, Richmond, Virginia.
- Lowery, D.** *Phase I Terrestrial Archaeological Survey of the Proposed East Trappe Annexation Project Area, Talbot County, Maryland.* Manuscript prepared for the Town of Trappe and Rocks Engineering, Inc. in cooperation with the Chesapeake Bay Watershed Archaeological Research Foundation.
- Lowery, D.** *Archaeological Survey of the Atlantic Coast Shorelines Associated with Accomack County and Northampton County, Virginia.* Survey and Planning Report Series No. 7. Virginia Department of Historic Resources, Richmond, Virginia.
- 2002 **Lowery, D.** *A Time of Dust: Archaeological and Geomorphological Investigations at the Paw Paw Cove Paleo-Indian Site Complex in Talbot County, Maryland.* Manuscript prepared for the Maryland Historical Trust in cooperation with the Department of Anthropology at Temple University and the Chesapeake Bay Watershed Archaeological Research Foundation.
- 2001 **Lowery, D.** *Phase I Terrestrial Archaeological Survey For the Woodstock Farm Project, Talbot County, Maryland.* Manuscript prepared for Mr. Richard Grieves of Woodstock Farm, LLC: Easton, Maryland.
- Lowery, D.** *Archaeological Survey of the Chesapeake Bay Shorelines Associated with Accomack County and Northampton County, Virginia, Survey and Planning Report Series No. 6.* Virginia Department of Historic Resources, Richmond, Virginia.
- 1999 **Lowery, D.** *A Survey of Selected Prehistoric Artifact Collections Associated with the Choptank River Watershed, Maryland.* Manuscript prepared for the Maryland Historical Trust in cooperation with Dr. R. Michael Stewart of the Department of Anthropology at Temple University.
- 1998 **Lowery, D.** *Analysis of Two Granite Stone Structures on the Otwell Estate.* Manuscript prepared for Mr. John Hulseman, Oxford, Maryland.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

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- 1998 **Lowery, D.** *Archaeological Test Excavations at the Otwell Estate: An Analysis of the Sub-Surface Stratigraphy Associated with the West Wall Façade.* Manuscript prepared for Horsey & Thorpe Architects, Washington, D.C., 1998.
- 1997 **Lowery, D.** *Archaeological Survey Work on Maryland's Eastern Shore During the 1997 Field Season.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 1996 **Lowery, D.** *Archaeological Survey Work on Maryland's Eastern Shore During the 1996 Field Season.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 1995 **Lowery, D.** *An Archaeological Survey of the Little Choptank River Watershed, Dorchester County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *A Supplementary Archaeological Survey of Interior Queen Anne's County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *The Distribution of Isolated Adena Related Artifacts within Maryland's Portion of the Delmarva Peninsula.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 1994 **Lowery, D.** *A Supplementary Report of the Archaeological Excavations at Talbot County's First Free School.* Manuscript on file at the Knapp Foundation, St. Michaels, Maryland.
- Lowery, D.** *Archaeological Survey of Interior Queen Anne's County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *Archaeological Excavations at Talbot County's First Free School.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 1993 **Lowery, D.** *An Archaeological Survey of the Chester River, Prospect Bay and Wye River Drainages, Queen Anne's County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.

CRM COMPLIANCE MONOGRAPHS AND MITIGATION REPORTS:

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- 1993 **Lowery, D.** *An Archaeological Survey of Sheepshead Farm, Talbot County, Maryland.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *A Supplementary Report of the 1992 Archaeological Survey of Kent Island.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- 1992 **Lowery, D.** *The 1992 Archaeological Survey of Kent Island.* Manuscript on file at the Maryland Historical Trust, Crownsville, Maryland.
- Lowery, D.** *Excavation at the Paw Paw Cove Paleoindian Site, FY 1992.* Manuscript on file at the University of Delaware Center for Archaeological Research, Newark, Delaware.

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:

- 3/17/2017 Mid-Atlantic Archaeological Conference
 Title: *Understanding the Threats from Shoreline Erosion: A Delmarva Peninsula Perspective to Coastal Archaeological Site Loss*
- 11/5/2016 Eastern States Archaeological Federation Meeting
 Title: *Paleoindian Lifestyles of the Delmarva Coastal Plain: A Deviation from the Normal*
- 10/16/2016 Archaeological Society of Virginia Annual Meeting
 Title: *Accomack and Northampton County Virginia Coastal Surveys: A Summary and Conclusions*
- 9/22/2016 The 2016 Loessfest, Eau Claire, Wisconsin. INQUA Loess Group.
 Title: *Loess Deposits on the Mid-Atlantic Coastal Plain*
 Authors: John Wah, Dan Wagner, Darrin Lowery
- 7/20/2016 8th International Acid Sulfate Soils Conference, College Park, MD
 Title: *Modern Ironstone Formation by Sulfuricization Phenomena*
 Authors: Del Fanning, Darrin Lowery, Susan Demas
- 5/21/2016 Archaeological Society of Delaware, Annual Meeting
 Title: *Threats to Archaeological Resources: Understanding Sea Level Rise and Coastal Shoreline Erosion*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
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- 5/13/2016 Ohio Archaeological Council
The Third Chillicothe Conference on Hopewell Archaeology
Title: *Evidence of Hopewell Interaction along the Middle Atlantic Coast East of the Appalachian Mountains*
- 4/7/2016 Society for American Archaeology
Session: After Anzick: Reconciling New Genomic Data and Models with the Archaeological Evidence for Peopling of the Americas
Title: *Before Anzick: Are We Looking to Discover the First Americans or the First Successful Americans?*
- 3/12/2016 Mid-Atlantic Archaeological Conference
Title: *Archaeological Investigations on the Virginia Eastern Shore: Preliminary Results from the Hurricane Sandy Grant*
- 11/7/2015 Council for Northeast Historical Archaeology
Title: *Historic Archaeological Deposits in the Nearshore Coastal Zone*
- 11/3/2015 Geological Society of America Annual Meeting in Baltimore, Maryland
Title: *Delmarva's Upland Late Pleistocene Geoarchaeological Record: Understanding Coastal Plain Terrestrial Conditions South of the Laurentide Ice Sheet*
- 10/18/2015 Archaeological Society of Virginia Annual Meeting
Title: *Archaeological Investigations on the Virginia Eastern Shore: Preliminary Results from the Hurricane Sandy Grant*
- 5/16/2015 Virginia Eastern Shore Public Archaeology Day
Title: *Threats to Archaeological Resources*
- 5/15/2015 2015 Annual Amtrak Soil to Sea Meeting, Department of Geological Sciences, University of Delaware
Title: *42,000 Years of Delmarva's Upland Geoarchaeological Record*
- 5/3/2015 New York State Archaeological Association, 99th Annual Meeting & Conference. Banquet, Guest Speaker
Title: *The Delmarva Adena-Hopewell Continuum and the Woodland Period*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 4/18/2015 Society for American Archaeology Annual Meeting
Session: Geoarchaeology of Submerged, Intertidal, and Wetland
Places: Advances in Method and Theory of Prehistoric Archaeology
Underwater
Title: *Geoarchaeological Proxies of Late Holocene Sea Level Rise: Marine Transgression and the Archaeological Record of the Delmarva Peninsula*
- 3/14/2015 Mid-Atlantic Archaeological Conference
Title: *Archaeological Deposits in the Nearshore Coastal Zone: The Effects of Sea Level Rise and Shoreline Erosion*
- 3/13/2015 Mid-Atlantic Archaeological Conference
Title: *42,000 Years of Delmarva's Upland Geoarchaeological Record*
- 11/14/2014 Southeastern Archaeological Conference
Title: *42,000 Years of Delmarva's Upland Geoarchaeological Record*
Authors: Darrin Lowery and Dennis Stanford

Title: *The Chesapeake Bay bifaces- Evidence for an LGM Occupation of Eastern North America*
Authors: Dennis Stanford and Darrin Lowery
- 11/1/2014 Eastern States Archaeological Federation
Title: *Drowned Archaeological Sites: Understanding the Impacts of Sea Level Rise and Nearshore Coastal Processes*
- 10/10/2014 Archaeological Society of Virginia Annual Meeting
Title: *"Where is made so much.....white shell beads that occasion as much dissent among salvages, as gold and silver amongst Christians": Recent Research into Stable Isotopic Sourcing for Whelk and Marginella in Eastern North America*
- 6/17/2014 Smithsonian Institution's Department of Anthropology Seminar
Title: *Stable Oxygen Isotope Sourcing of Coastal Marine Shell*
- 4/28/2014 Texas State University, San Marcos
Title: *Geoarchaeology and the Search for the First Americans in the Middle Atlantic.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:

(continued)

- 4/24/2014 Society for American Archaeology Meeting, Austin, Texas.
Title: *Geoarchaeology and Paleo-American Prehistory: The Middle Atlantic Delmarva Peninsula Data*
- 10/31/2013 Eastern States Archaeological Federation
Title: *Meadowood South of the Mazon-Dixon Line: An Early Woodland Meadowood Presence on the Delmarva Peninsula*
- 10/19/2013 Paleoamerican Odyssey Conference, Santa Fe, New Mexico
Title: *North America Before Clovis: Variance in Temporal/Spatial Cultural Patterns, 24,000 to 13,000 BP.*
Authors: Michael Collins, Dennis Stanford, and Darrin Lowery
- 10/18/2013 Paleoamerican Odyssey Conference, Santa Fe, New Mexico
Poster Title: *Paleo-Americans on the Coastal Plain: A Perspective from the Middle Atlantic and the Delmarva Peninsula.*
Authors: Darrin Lowery and Dennis Stanford
- 10/18/2013 Paleoamerican Odyssey Conference, Santa Fe, New Mexico
Poster Title: *The Cinmar Discovery: Evidence for an Ice Age Occupation of the Middle Atlantic Outer Continental Shelf.*
Authors: Dennis Stanford, Darrin Lowery, Bruce Bradley, Marvin Kay, Jeffery Speakman, Margaret Jodry, Thomas Stafford
- 10/17/2013 Paleoamerican Odyssey Conference, Santa Fe, New Mexico
Title: *The Chesapeake Bifaces: Evidence for an LGM Occupation of the Middle Atlantic Region of North America?*
Authors: Dennis Stanford, Darrin Lowery, Margaret Jodry, Bruce Bradley, Marvin Kay, and Robert Speakman
- 3/9/2013 Mid-Atlantic Archaeological Conference
Title: *The Frederica Site and the Delmarva Adena Problem: Revisited.*
- 11/10/2012 Pre-Clovis in the Americas Conference, Smithsonian Institution
Title: *Pedologic and Geologic Protocols for Understanding the Archaeology of Exploration: A Middle Atlantic Pre-Clovis Case Study.*
- 10/27/2012 Annual Eastern States Archaeological Federation Meeting
Title: *Recent Investigations into both the Geological and the Archaeological Record of the Delmarva Peninsula between 500AD and 700AD.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 8/26/2012 7th International Acid Sulfate Soil Conference, Vaasa, Finland
Title: *Rethinking Sulfidization and the Role of Hydrogen Sulfide*
(Authored with Del Fanning, Martin Rabenhorst, Daniel Wagner, and Bradley James).
- 5/19/2012 The Archaeological Society of Ohio
Title: *A Geologic Understanding of Prehistoric Cultural Landscapes: A Middle Atlantic Case Study.*
- 4/21/2012 Society for American Archaeology 77th Annual Meeting
Session: *Emerging Patterns in the Americas in the Archaeological Record*
Title: *Coastal Plain Geology, Marine Transgression, and Geochemistry: An Understanding of Archaeological Patterns along the Delmarva Peninsula, USA.*
- 3/23/2012 Mid-Atlantic Archaeological Conference
Title: *Archaeological Deposits in Drowned Coastal Landscapes: The Geochemical Impacts of Sulfidization and Sulfurization.*
- 9/16/2011 Fall 2011 Geography Department Seminar Series, University of Delaware
Title: *A Geologic Understanding of Archaeological Landscapes in the Coastal Zone.*
- 5/18/2011 44th Annual Meeting of the Canadian Archaeological Association, Ramah Chert Studies Session
Title: *Recent Studies Investigating a Short-Term Pulse of Ramah Chert into the Chesapeake Bay Region circa 500AD to 900AD.*
- 5/9/2011 & NOAA's Atlantic Basin Telepresence-Enabled Expeditions
5/10/2011 Workshop: University of Rhode Island, Narragansett Bay Campus
Title: *Drowned Paleolithic Human Occupation and Pleistocene Vertebrate Sites on the Norfolk Canyon Area Outer Continental Shelf LGM Coastline.*
- 4/19/2011 Texas State University, San Marcos
Title: *Understanding Human Antiquity via Quaternary Geology and Geoarchaeology: A Chesapeake Bay Case Study.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 3/18/2011 Mid-Atlantic Archaeological Conference
Title: *Current Research at Archaeological Sites on Lower Delmarva Peninsula: A Summary of 2009 and 2010 Interdisciplinary Fieldwork.*
- 10/30/10 77th Annual Meeting of the Eastern States Archaeological Federation
Title: *A Geologic Understanding of Archaeological Sites in the Coastal Zone: Specific Examples from the Middle Atlantic Region.*
- 6/8/10 The Smithsonian Institution Museum of Natural History's Seminar Series
Title: *Middle Atlantic Paleo-American and Paleo-Indian Site Formation Processes: A Comparison with the Delmarva Peninsula.*
- 5/15/10 The Archaeological Society of Ohio
Title: *Intrusive Mound, Kipp Island, and the Webb Complexes: An Overview.*
- 3/19/10 Mid-Atlantic Archaeological Conference
Title: *The Loess and Archaeological Record of the Late Pleistocene through Early Holocene, Northwestern Delmarva Peninsula, USA.* (Authored with Michael O'Neal)
- 3/19/10 Mid-Atlantic Archaeological Conference
Title: *Clovis on the Coastal Plain: A Perspective from the Delmarva Peninsula.*
- 1/14/10 Calvert Marine Museum's Series on the Impacts of Climate
Title: *Archaeological Perspectives into Sea Level Rise within the Chesapeake Bay.*
- 10/30/09 Eastern States Archaeological Federation Annual Meeting
Title: *The Loess and Archaeological Record of the Late Pleistocene through Early Holocene, Northwestern Delmarva Peninsula, USA.*
- 10/18/09 Geological Society of America Annual Meeting
Title: *Archaeological Marine Transgression on the Delmarva Peninsula.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 3/26/09 American Association of Geographers Annual Meeting
Title: *The Loess and Archaeological Record of the Late Pleistocene through Early Holocene, Northwestern Delmarva Peninsula, USA.*
- 3/19/09 Mid-Atlantic Archaeological Conference
Title: *A Reassessment of the Delmarva Adena Complex.*
- 9/27/08 The Symposium in Honor William Gardner
Title: *Soil and Landscape Modification during the Younger Dryas Chronozone and the Demise of Clovis: Evidence from Cactus Hill, the Delmarva Peninsula, and Shawnee-Minisink.* (Authored with Dan Wagner, Joseph Gingerich, and John Wah)
- 5/17/08 The Archaeological Society of Ohio
Title: *The Delmarva Adena Complex.*
- 2/29/08 Mid-Atlantic Archaeological Conference
Title: *Geoarchaeological Investigations of Holocene Sea Level Rise on the Delmarva Peninsula.*
- 2/15/08 University of Texas at Austin
Title: *Delmarva Paleoindians: Climate, Culture, and Origins.*
- 3/30/07 Mid-Atlantic Archaeological Conference
Title: *The Meadowood Phase on the Delmarva Peninsula: Implications for Early Woodland Direct Acquisition of Items of Wealth and Status.*
- 3/25/06 Mid-Atlantic Archaeological Conference
Title: *The Archaeology of an Atlantic Coastal Island: A Long-Term Human Presence on Mockhorn Island.*
- 10/27/05 Clovis in the Southeast Conference
Title: *Clovis along the Middle Atlantic Margins: An Overview of the Paleo-Indian Archaeological Record for the Delmarva Peninsula.*
- 4/26/03 38th Annual Archaeological Society of Maryland Spring Symposium
Title: *Archaeological Impacts in a Landscape Sculpted by Wind and Water: The Relationship between Geology, Climate, Environment, Ecology, and Prehistoric Societies Living in the Middle Atlantic Coastal Plain.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 3/15/02 Mid-Atlantic Archaeological Conference
Title: *Living on the Coast and Living on the Bay: A Comparative Summary of the Archaeological Surveys Conducted in Accomack and Northampton Counties, Virginia.*
- 3/15/02 Mid-Atlantic Archaeological Conference
Title: *Site Formation Processes in Tidal Environments: Another Cautionary Tale.* (Authored with Dr. R. Michael Stewart and Mr. Jesse Walker)
- 3/24/01 Mid-Atlantic Archaeological Conference
Title: *A Time of Dust: Paleoindians and Loess on the Eastern Shore of Maryland.* (Authored with Dr. Daniel P. Wagner, Dr. John E. Foss and Mr. John S. Wah)
- 11/3/00 Eastern States Archaeological Federation Annual Meeting
Title: *Eight Years, Eight Counties, 1,300 Archaeological Sites, 50,000 Acres, and 600 Linear Miles of Shoreline: A Summary of Focused Archaeological Research on the Delmarva Peninsula.*
- 3/25/00 Middle Atlantic Archaeological Conference
Title: *The Paleoindian Period of the Central Delmarva Peninsula: What do the Data Suggest?*
- 10/31/98 65th Annual Meeting of the Eastern States Archaeological Federation
Title: *Using Ancient Shellfish to Process Contemporaneous Shellfish: Native American Use of Miocene Silicified Fossiliferous Sandstone in the Middle Atlantic Coastal Plain.*
- 4/15/98 Archaeological Society of Maryland's Annual Spring Symposium: Early Humans in the Americas
Title: *Waste Not, Want Not: A Paleoindian Adaptation Perspective from the Paw Paw Cove Complex.*
- 11/15/97 The Sierra Club
Title: *Prehistoric Cultures of the Delmarva and Changing Environments: An Analysis of Prehistoric Ecological Adaptations.*
- 10/21/96 Hartford County Archaeological Society
Title: *Archaeological Resources on Maryland's Eastern Shore.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:
(continued)

- 10/12/96 Somerset County Historical Trust
Title: *Results of the Archaeological Survey of Somerset County.*
- 1/27/95 Mid-Shore Chapter Archaeological Society
Title: *Prehistoric Settlement Models for the Chesapeake Estuary (11,500 - 400 years B.P.).*
- 7/20/94 The Chesapeake Bay Foundation
Title: *Prehistoric and Historic Use of the Chesapeake Estuary.*
- 6/23/94 Kent Island Heritage Society
Title: *Preliminary Results of Interior Queen Anne's County Survey.*
- 5/17/94 The Archaeological Society of Delaware
Title: *The Prehistoric Cultures within the Chesapeake Coastal Plain and the presence of Iron Hill Jasper on some of Maryland's Archaeological Sites.*
- 3/04/94 Queen Anne's County Historical Society
Title: *Types of Artifacts and the Cultures within Queen Anne's County.*
- 6/12/93 Chester River Association
Title: *Prehistoric Cultures of the Chester River Drainage.*
- 5/17/93 Archaeological Society of Maryland Field School
Title: *Preliminary Results of the Archaeological Surveys of Kent Island and Queen Anne's County.*
- 3/10/93 The Chesapeake Bay Maritime Museum
Title: *The Prehistory of the Delmarva Peninsula and the Appearance of Coastal Adaptations.*
- 11/07/92 1992 Annual Maryland Preservation Conference
Title: *Kent Island Archaeology: The Search for Hidden Heritage.*
- 10/25/92 Mid-Shore Chapter Archaeological Society
Title: *Recent Excavations at the Paw Paw Cove Paleoindian Site.*

PROFESSIONAL LECTURES AND INVITED PUBLIC PRESENTATIONS:

(continued)

- 10/18/92 Anne Arundel Chapter Archaeological Society
Title: *The Paleoindian and Early Archaic Periods in the Chesapeake Coastal Plain: Analysis of the Paw Paw Cove and the Crane Point Sites.*
- 10/10/92 Dorchester County Historical Society
Title: *Prehistoric Sites on the Delmarva Peninsula.*
- 9/20/92 Kent Island Heritage Society
Title: *Preliminary Results of the Archaeological Survey of Kent Island.*
- 7/15/92 University of Delaware Center for Archaeological Research
Title: *Flint Knapping and Stone Tool Manufacture.*
- 3/11/91 The Chesapeake Bay Maritime Museum
Title: *The Bay's First Residents.*
- 10/28/91 Annual Fall Symposium on Maryland Archaeology
Title: *The Late Pleistocene and Early Holocene Occupants on Maryland's Eastern Shore.*
- 10/25/91 Mid-Shore Chapter Archaeological Society
Title: *Late Pleistocene/Early Holocene of the Chesapeake Coastal Plain.*
- 5/24/89 The First World Summit Conference on the Peopling of the Americas
Title of Exhibit: *The Paw Paw Cove Paleoindian Site Complex.*

GRANTS, RESEARCH, AND CONTRACT AWARDS: (Total: \$ 1,389,682.67)

- 2016-2017 Grant from an anonymous benefactor to produce a synthesis publication for the general public outlining the prehistory of the Delmarva Peninsula.
\$136,000.00
- 2015-2016 Hurricane Sandy Impact Grant via the Virginia Department of Historic Resources to conduct a regional archaeological survey and test excavations at intertidal archaeological sites within the coastal zone of both Accomack and Northampton counties, Virginia.
\$178,703.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 2015-2016 Research funds to conduct a Phase II Archaeological Investigation of the Waterman Farm Property, Queenstown, Maryland.
\$26,370.00
- 2015 Research funds to conduct a Phase I Archaeological Survey of the Ponderosa Poultry Farm Complex, Greenwood, Delaware.
\$2,568.00
- Grant from the Onerva Laine Miller Charitable Trust to fund an Intern within the Smithsonian's Forensic Anthropology Program.
\$30,000.00
- 2015 Grant from the Onerva Laine Miller Charitable Trust to fund and develop the processing and preparation of the Smithsonian's Paleoindian collections. \$25,000.00
- 2014 VDHR Threatened sites program grant to conduct an archaeological survey of the coastline of Back Bay, Virginia.
\$16,288.00
- VDHR threatened sites program grant to conduct an archaeological survey of a small coastal section of the York River, Virginia.
\$8,712.00
- 2013-2014 Post-Doctoral Research Fellowship from the Smithsonian Institution. \$35,250.00
- 2013 Grant from the Virginia Department of Historic Resources to conduct testing at 44NH462 an inundated Early Archaic to Late Archaic site in coastal Northampton County, Virginia. \$8,658.00
- Grant from the Virginia Department of Historic Resources to conduct an additional 1000 acres inland Phase I terrestrial archaeological survey within Accomack County, Virginia.
\$12,468.00
- Grant from DelDOT (with Dr. Michael O'Neal) to conduct a Phase I archaeological survey of the Elsmere/Little Mill Creek Improvement Area in New Castle County, Delaware. \$31,033.00
- Grant from York Building Products to conduct a Phase I archaeological survey of the GE West Sand & Gravel Survey Area in Cecil County, Maryland. \$8,919.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 2012 Grant from the Virginia Department of Historic Resources to develop a high-resolution late Holocene sea level rise record for coastal Accomack County, Virginia based on marginal upland hummock archaeological deposits and features. \$7,348.00
- Grant from the Virginia Department of Historic Resources to conduct an inland Phase I terrestrial archaeological survey encompassing 1000 acres of Northampton County, Virginia. \$10,000.00
- Grant from the British Academy's Research Awards Committee (with Dr. Bruce Bradley, University of Exeter) to conduct an investigation at the Grady Collins site in Sanford, Maine. £9,580.00 (or \$15,246.57 US dollars)
- Grant (with Dr. Dennis Stanford) from Smithsonian Institution's Paleoindian and Paleoecology Program to conduct an initial Phase I archaeological survey of the Cinmar discovery site on Middle Atlantic outer continental shelf. \$120,000.00
- 2011 Grant from the Maryland Broadband Cooperative and G4S Technology to conduct a Phase I archaeological survey for the Chesapeake Bay cable crossing transect, Maryland. \$29,252.10
- Grant from the Virginia Department of Historic Resources Threatened Sites Program to develop a GIS model of potential sea level rise impact to archaeological resources in coastal Virginia. \$4,999.00
- Matching Grant from the Virginia Department of Historic Resources to conduct geoarchaeological investigations at 44NH233 a Clovis occupation site on Mockhorn Island, Virginia. \$10,468.00
- Grant from the Smithsonian Institution's Research Program to conduct geoarchaeological investigations at 44NH233 a Clovis occupation site on Mockhorn Island, Virginia through the Paleoindian and Paleoecology Program. \$33,000.00
- Principal Investigator on a grant from Mr. Stephan Z. Meehan to conduct a phase I geoarchaeological survey of 125 Acres in Queen Anne's Co., MD. \$5,700.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 2011 Grant from the Smithsonian Institution's Archaeobiology Program for carbon-14 dating shell-tempered ware samples from radiometrically-dated prehistoric midden sites. \$2,300.00
- 2010 Grant from the Onerva Laine Miller Charitable Trust to fund and develop an educational website for Smithsonian Institution's Paleoindian and Paleoecology Program. \$100,000.00
- Principal Investigator on a grant from Mr. Edward Noosick to conduct a phase I geoarchaeological survey of 125 Acres in Dorchester Co., MD. \$3,800.00
- 2010 Principal Investigator on a grant from Mr. Frederick Wyman to conduct a phase I geoarchaeological survey of 100 acres in Talbot Co., MD. \$2,800.00
- Principal Investigator on a grant from Tidewater Atlantic Research to define areas along the Middle Atlantic continental shelf for inundated prehistoric archaeological resources. \$5,000.00
- 2009-2010 Pre-Doctoral Research Fellowship from the Smithsonian Institution. \$25,300.00
- 2009 Researcher on a pre-doctoral fellowship from the Smithsonian Institution to define the geoarchaeological parameters associated with Paleoindian and Early Archaic-age archaeological sites in the Middle Atlantic region. \$23,000.00
- Principal Investigator on a grant from the Bay Hundred Foundation to conduct a Phase I geoarchaeological survey of the coastline of western Talbot County, MD. \$10,000.00
- Principal Investigator on a grant from Preservation Maryland to conduct a Phase I geoarchaeological survey of the coastline of western Talbot County, MD. \$2,000.00
- Principal Investigator on a grant from the Virginia Department of Historic Resources to conduct geological and geoarchaeological testing and research in South Bay and at 44NH440 and 44NH441 on Mockhorn Island in Northampton County, VA. \$10,500.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 2009 Principal Investigator on a grant from the Talbot County Government to conduct a Phase II geoarchaeological survey along the Choptank River near Kingston Landing in Talbot Co., MD. \$5,000.00
- 2008 Principal Investigator on a grant from the Virginia Department of Historic Resources to develop a shoreline erosion assessment model and conduct a Phase I geoarchaeological survey of the coastline of Mathews County, VA. \$25,000.00
- Research associate on an Institute for Museums, Preservation, and Archaeology Research and Training (IMPART) Fellowship to conduct a geoarchaeological survey of the coastline of southern Hoopers Island in Dorchester County, MD. \$10,000.00
- 2007 Principal Investigator on a grant from the Virginia Department of Historic Resources to conduct a Phase I geoarchaeological survey of the coastline of Messongo Creek, Accomack County, VA. \$10,500.00
- Researcher on a grant from the Maryland State Highway and Washington College to develop a GIS predictive model using soil and geomorphological data for Cecil, Caroline, and Talbot counties, MD. \$15,000.00
- Principal Investigator on a grant from Bay Engineering to conduct a Phase I geoarchaeological survey of the Bay Head property in Anne Arundel Co., MD. \$5,000.00
- Principal Investigator on a grant from the Midland Corporation conduct a Phase I geoarchaeological survey of the Miles Point property in Talbot Co., MD. \$7,500.00
- 2006 Principal Investigator on a grant from the Talbot County Government conduct a Phase I geoarchaeological survey along the Choptank River near Kingston Landing in Talbot Co., MD. \$10,000.00
- 2005 Principal Investigator on a grant from Rocks Engineering to conduct a Phase I geoarchaeological survey of the West Denton Annexation Area of Caroline County, MD. \$15,000.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 2005-2002 Principal Investigator on a grant from the Maryland Historic Trust and Washington College to conduct a Phase I and Phase II geoarchaeological survey of the Fishing Bay and Fairmont Wildlife Management Areas in Somerset and Dorchester Counties, MD. \$60,000.00
- 2003 Principal Investigator on a grant from the Virginia Department of Historic Resources conduct geological and geoarchaeological testing and research to address marine transgression on Mockhorn Island in Northampton County, VA. \$10,000.00
- Principal Investigator on a grant from the Mr. John Akridge to conduct a Phase I geoarchaeological survey of Harleigh Knoll in Talbot County, MD. \$10,000.00
- 2003 Principal Investigator on a grant from Rocks Engineering to conduct a Phase I geoarchaeological survey of the East Trappe Annexation Area of Trappe in Talbot County, MD. \$15,000.00
- 2002 Principal Investigator on a grant from the Virginia Department of Historic Resources to conduct geological and geoarchaeological testing at 44NH440 on Mockhorn Island in Northampton County, VA. \$10,000.00
- 2001 Principal Investigator on a grant from the Virginia Department of Historic Resources to conduct a Phase I coastal geological and geoarchaeological survey of the Atlantic seashore of Accomack and Northampton counties in VA. \$25,000.00
- Principal Investigator on a grant from Mr. Richard Grieves to conduct a Phase I geoarchaeological survey of the Woodstock Farm Area of in Talbot County, MD. \$5,000.00
- 2000 Principal Investigator on a grant from the Virginia Department of Historic Resources to conduct a Phase I coastal geological and geoarchaeological survey of the Chesapeake Bay coastline of Accomack and Northampton counties in VA. \$25,000.00
- 1999-1998 Research associate through Temple University on a grant from the Maryland Historic Trust to conduct archaeological and geoarchaeological testing at a Paleoindian-age site, a Middle Archaic-age site, and a Late Woodland-age site in Talbot and Dorchester counties, MD. \$45,000.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

- 1998-1997 Research associate through Temple University on a grant from the Maryland Historical Trust to develop a synthesis of the archaeological resources and geological processes associated with the Choptank River watershed in MD. \$15,000.00
- 1997 Principal Investigator on a grant from the Mr. John Hulseman to conduct a Phase I geoarchaeological survey of the Otwell Estate in Talbot County, MD. \$5,000.00
- 1996 Principal Investigator on a grant from the Maryland Historic Trust to conduct a Phase I geoarchaeological survey of parts of Somerset and Caroline counties in MD. \$35,000.00
- 1995 Principal Investigator on a grant from the Maryland Historic Trust to conduct a phase I geoarchaeological survey of parts of Somerset and Queen Anne's counties in MD. \$32,500.00
- 1994 Principal Investigator on a grant from the Maryland Historic Trust to conduct a Phase I geoarchaeological survey of parts of Dorchester and Queen Anne's counties in MD. \$32,500.00
- 1993 Principal Investigator on a grant from the Maryland Historic Trust to conduct a phase I geoarchaeological survey of parts of Queen Anne's County, MD. \$27,500.00
- Principal Investigator on a grant from the Knapp Foundation to conduct a phase I geoarchaeological survey of the Sheepshead Farm Property in Talbot County, MD. \$15,500.00
- 1992 Principal Investigator on a grant from the Maryland Historic Trust to conduct a phase I geoarchaeological survey of parts of Queen Anne's County, MD. \$5,000.00
- Principal Investigator on a grant from the University of Delaware Center for Archaeological Research to conduct geoarchaeological testing at the Paw Paw Cove site in Talbot County, MD. \$5,000.00
- Principal Investigator on a grant from the University of Delaware Center for Archaeological Research to conduct a phase I geoarchaeological survey of parts of Queen Anne's County, MD. \$10,500.00

GRANTS, RESEARCH, AND CONTRACT AWARDS: (continued)

1992 Principal Investigator on a grant from the Kent Island Heritage Society to conduct a phase I geoarchaeological survey of parts of Kent Island in Queen Anne's County, MD. \$5,000.00

PROFESSIONAL MEMBERSHIPS:

2014-2016, Geological Society of America

2014-2016, Society for American Archaeology

2014-2016, Eastern States Archaeological Federation

2014-2016, Archaeological Society of Ohio

ACADEMIC ADVISEMENT HISTORY:

Corey L. Hovenac (2013-2015, Department of Geology, University of Delaware)

-Academic thesis advisory with Michael O'Neal and Ralph Eshelman

-Title: Reconstructing the Erosional History of 19th-century Earthen Fortifications along the Coastline of the Chesapeake Bay, Maryland, USA

COLLEGE COURSES PRESENTED AT VARIOUS COLLEGES AND UNIVERSITIES: (An "*" indicates a co-taught course)

2/04/13 – 5/14/13 *Physical Geography: Land Surface Processes* GEOG 106*
University of Delaware, Newark, Delaware, 19716

8/27/12 – 12/06/12 *Introduction to Earth Science: Exploring the Solid Earth*
ENV/PHY 140
Washington College, Chestertown, Maryland, 21620

2/04/12 – 5/22/12 *Physical Geography: Land Surface Processes* GEOG 106*
University of Delaware, Newark, Delaware, 19716

2/07/11 – 5/17/11 *Physical Geography: Land Surface Processes* GEOG 106*
University of Delaware, Newark, Delaware, 19716

COLLEGE COURSES PRESENTED AT VARIOUS COLLEGES AND UNIVERSITIES: (Continued)

5/30/09 – 7/01/09 *Archaeological Field School* ANT 385*
5/27/08 – 7/05/08 Washington College, Chestertown, Maryland, 21620
5/21/07 – 6/30/07
6/05/06 – 7/10/06
5/30/05 – 7/03/05

2/10/09 – 5/28/09 *Geological Hazards Laboratory* GEOL 115
8/30/07 – 12/15/07 University of Delaware, Newark, Delaware, 19716

8/27/08 – 12/10/08 *Earth Science Laboratory* GEOL 113
University of Delaware, Newark, Delaware, 19716

2/09/07 – 5/30/07 *Geological Hazards* GEOL 105
University of Delaware, Newark, Delaware, 19716

1/20/06 – 5/5/06 *Archaeology of the Chesapeake Bay* ANT 394
Washington College, Chestertown, Maryland, 21620

1/14/04 – 5/15/04 *Reconstructing Ancient Environments* ANT 380
Washington College, Chestertown, Maryland, 21620

8/24/02 – 12/10/02 Washington College, Chestertown, Maryland, 21620

1/18/01 – 5/12/01 *Doing Archaeology* ANT 208
Washington College, Chestertown, Maryland, 21620

2/27/96 – 4/21/96 *Delmarva Prehistoric Archaeology* ANT 200
2/23/94 – 4/20/94 Chesapeake College, Wye Mills, Maryland, 21679
2/17/93 – 4/14/93

ADDITIONAL SKILLS:

-Grant Writing, Research Preparation, Report Publication, Computer Graphics, Public Lectures, and the Development of Museum and Educational Exhibits and Displays

-Business Management Skills

-Over Thirteen Years of Experience in Federal and State Cultural Resources Regulation and Compliance Focusing on Section 106, Section 110, and NEPA Issues

ADDITIONAL SKILLS: (Continued)

-Twenty-Eight Years of Experience in Boat Navigation and Use in Middle Atlantic Coastal Areas

-Proficiency in Relational Database Development, Spreadsheet Development, GIS Development, Graphic Design, Computer Program Skills (Microsoft Word, Microsoft Excel, Microsoft Access, Arc GIS, Adobe Photoshop, Adobe Illustrator, Microsoft Powerpoint, MatLab, and Adobe Acrobat)

-Russian Language Skills

PROFESSIONAL REFERENCES:

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PROFESSIONAL REFERENCES: (continued)

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Augusta, ME 04333
(207) 287-2789 *office*

Jonathan C. Lothrop, Ph.D., Jonathan.Lothrop@nysed.gov
Curator of Archaeology
New York State Museum, CEC Room 3049
Albany, NY 12230
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*Additional references will be provided upon request.