

CURRICULUM VITAE

July 2018

1. ACADEMIC HISTORY

Name: Ervan G. Garrison

Rank: Professor, Anthropology & Geology, University of Georgia.

Recommended Rank: Professor

Proportion Time Assignments:

Tenure Status: Tenure

Administrative Titles:

Head, Anthropology Department: 2003 to 2009; 2015 - 2018

Interim Co-Director, Georgia Sea Grant College Program: 5/2006 to 1/2008.

Graduate Faculty Status: Yes

Highest Degree: Ph.D. Anthropology and Archaeology, University of Missouri, 1979.

Academic Positions:

Professor, Anthropology & Geology, University of Georgia, 1999-present.

Associate Professor, Anthropology & Geology, University of Georgia, 1992-1999.

Lecturer and Visiting Member, Environmental & Water Resources Engineering,
Department of Civil Engineering, Texas A&M University, 1981-89.

Assistant Professor, Anthropology Program, Texas A&M University, 1979-81.

Graduate Research Assistant, Anthropology, University of Missouri, 1975-77.

Graduate Research Assistant, Arkansas Archaeological Survey, University of
Arkansas, 1971-73.

Other Professional Employment:

Marine Archaeologist and Agency Deputy Preservation Officer, Sanctuary & Reserves Division, National Oceanic & Atmospheric Administration (NOAA), 1990-1992

Executive Assistant, Institute of Nautical Archaeology, Texas A&M University, 1979-80.

Head, Cultural Resources Laboratory, Texas A&M University, 1979-80.

Archaeologist III, American Archaeology Division, University of Missouri, 1978-79.

Research Associate, Arkansas Archaeological Survey, University of Arkansas, 1973-75.

Post-graduate Awards: None

2. SCHOLARLY ACTIVITIES

A. PUBLICATIONS:

Books Authored or Co-authored:

- ** 2018 *New Directions in the Search for the First Floridians.*
Florida Museum of Natural History: Ripley P. Bullen Series. University of Florida Press. Gainesville. Co-editor.
- * 2016 *Techniques in Archaeological Geology.* 2nd edition. Springer -Verlag. Berlin.
- * 2003 *Techniques in Archaeological Geology.* Springer -Verlag. Berlin.
304 Pp..
- * 1998 *A History of Engineering and Technology: Artful Methods.* 2nd
Edition. Boca Raton: CRC Press LLC, Inc. 325 Pp.
- * 1998 *Geological Methods for Archaeology.* London. New York:
Oxford University Press. Norman Herz, co-author. 343 Pp.
- * 1991 *A History of Engineering and Technology: Artful Methods.* Boca Raton: CRC
Press, Inc. 276 Pp.

Chapters in Books:

- ** 2018 Geoarchaeology Underwater and its Challenges – An Example from Florida. Ervan G. Garrison and Jessica Cook Hale. In *First Floridians*, University of Florida Press. Gainesville Co-editor with David Thulman.
- ** 2013 Scientific Diving in Coastal Georgia: 8000 year-old trees, Prehistoric Shell Middens and Sea Level Change. In *Proceedings of the 2013 AAUS/ESDP Curaçao Joint International Scientific Diving Symposium, October 24-27, 2013, Curaçao*. Dauphin Island, AL: American Academy of Underwater Sciences. Lang, M.A. and M.D.J. Sayer, eds. Ervan G. Garrison, Jessica W. Cook Hale, and Michael K. Faught.
- ** 2013 A survey of Irene phase architecture on the Georgia coast, in *Life Among the Tides: Recent Archaeology on the Georgia Bight. Proceedings of the Sixth Caldwell Conference, St. Catherines Island, Georgia, May 20–22, 2011*. Victor D. Thompson and David Hurst Thomas, Editors and Contributors. Anthropological Papers of the American Museum of Natural History, Number xx. American Museum of Natural History, New York. Deborah A. Keene and Ervan G. Garrison.
- ** 2013 Science vs. Connoisseurs, The World of Classical Marble, in *Treatise of Geochemistry, Archaeology and Anthropology, 2nd ed.* Turekian, Karl K., and Heinrich D. Holland, eds. Newnes. 1st author with Norman E. Herz.
- ** 2002 Archaeological Prospection Using GPR and Cryogenic Soil Probes. In *Archaeometry 98: Proceedings of the 31st International Symposium on Archaeometry, April 27-May 1. Budapest, Hungary. Vol. 1.* Edited by Erzsébet Jerem and Katalin T. Biró. Archaeolingua, Central European Series. Archaeopress. London. Pp. 119-122.
- ** 2000 ESR Dating of Archaeological Flints - An Unfulfilled Prophecy. *The Practical Impact of Science on Near Eastern and Aegean Archaeology*. Sy Gitin and Scott Pike, Editors. London: Archetype Books.
- ** 1998 Swiss Emigrants to the United States. *Encyclopedia of American Immigrant Cultures*. David Levinson and Melvin Ember, Editors. New York: Macmillan Publishing. Volume 2, pp. 855-859.

- ** 1998 CSS Georgia. *British Museum Encyclopedia of Underwater and Maritime Archaeology*. James P. Delgado, Editor. New York: Garland Publishing Co. Pp. 168-169.
- ** 1998 Swiss Lake Dwellings and Underwater Archaeology in Lake Zürich. *British Museum Encyclopedia of Underwater and Maritime Archaeology*. James P. Delgado, Editor. New York: Garland Publishing Co. Pp. 236-237.
- ** 1998 The Archaeology of the Lake of Neuchâtel. *British Museum Encyclopedia of Underwater and Maritime Archaeology*. James P. Delgado, Editor. New York: Garland Publishing Co. Pp. 233-235.
- ** 1993 The German Swiss. In *Encyclopedia of World Cultures*. Vol. IV. David Levinson, General Editor; Linda Bennett, Volume Editor. New Haven. G.K. Hall & Co. pp. 124-127.
- ** 1991 Recent Archaeo-geophysical studies of paleoshorelines in the Gulf of Mexico. In *Paleoshorelines*, L.L. Johnson, Editor. Boca Raton. CRC Press, Inc. pp. 103-116.
- * 1988 New applications of remote sensing-geophysical prospection for underwater archaeological sites in Switzerland. In *Wet Site Archaeology*, Barbara Purdy, Editor. Caldwell, N.J. Telford Press. pp. 65-88.
- * 1979 An archaeological survey of two Missouri springs: A brief overview. In *In the Realms of Gold*, William A. Cockrell, Editor. Fathom Eight Special Publication, San Maria, California, with J. Alan May and Toni Carrell. pp. 184-194. (1st Author).
- * 1978 Search for the U.S.S. QUEEN CITY: instrument search, 1977. In *Beneath the Waters of Time*, J. Barto Arnold III, Editor. Texas Antiquities Commission Press, Austin, Texas, with J. Alan May and William Marquardt. pp. 45-49. (1st Author).
- * 1978 The effects of inundation of two archaeological sites, Table Rock Reservoir, Missouri. In *Beneath the Waters of Time*, J. Barto Arnold III, Editor. Texas Antiquities Commission Press, Austin, Texas, with J. Alan May. pp. 109-118.
- **,* 1977 Modeling inundation effects for planning and prediction. In *Conservation Archaeology*, Michael B. Schiffer and George Gummerman, Editors. New York. Academic Press. pp. 151-156.

Monographs:

- * 1990 Mississippi-Alabama Marine Ecosystem Study: Atlas of High-Resolution Geophysical Data. *OCS Study MMS 90-0045*. U.S. Department of the Interior, Minerals Management Service, New Orleans, Louisiana, with J. Scott Laswell, William W. Sager, William W. Schroeder, Richard Rezak and Kenneth S. Davis. 40 pp. (Senior Author).

Journal Articles:

- * 2018 What's past is prologue: Excavations at the Econfina Channel Site, Apalachee Bay, Florida. U.S.A. *Southeastern Archaeology*, published online February, 2018. Jessica Cook Hale; Nathan L. Hale and Ervan G. Garrison
<https://doi.org/10.1080/0734578X.2018.1428787>
- * 2018 Spatial statistical analysis of coastal plain Paleoindian site distributions and paleoecology: Implications for the search for offshore submerged sites in Georgia. *Early Georgia*, 45(1 & 2):167-180. Jessica W. Cook Hale and Ervan G. Garrison.
- * 2017 Phytolith evidence of historical rice cultivation at Wormsloe Historic Site, Georgia, USA. *Journal of Archaeological Science: Reports*, 14: 557–574 Alessandro Pasqua, Liovando Marciano da Costa and Ervan Garrison.
- * 2016 Examining Fluvial Stratigraphic Architecture Using Ground-Penetrating Radar at the Fanta Stream Fossil and Archaeological Site, Central Ethiopia. *Geoarchaeology: An International Journal*, 31: 577–591. P.E. Lanzarone, E.G. Garrison, R. Bobe and A. Getahun.
- * 2016 The archeology, sedimentology and paleontology of Gray's Reef National Marine Sanctuary and nearby hard bottom reefs along the mid continental shelf of the Georgia Bight. *Journal of Archaeological Science: Reports*, 5:240-262. Ervan G. Garrison, Jessica Cook Hale, Christopher Sean Cameron, Erin Smith.
- 2015 A Shallow Geophysical Prospection Study of the Cherokee Female Seminary and the Ross Cottage Sites, Cherokee Nation, Tahlequah, Oklahoma, 2009 / 2013. *ISAP News: The Newsletter of the International Society for Archaeological Prospection*, 42: 11-15. Ervan G. Garrison, Ian H. Garrison and Jessica Cook Hale

- * 2012 Discovery of a Pleistocene mysticete whale, Georgia Bight (USA). *Paleontologica Electronica*, 15(3): 31A, 10 p. 1st Author with Greg McFall, Alexander Cherkinsky, and Scott E. Noakes.
- * 2012 Late Quaternary Paleoecology and Heinrich Events at Gray's Reef National Marine Sanctuary, South Atlantic Bight, Georgia. *Southeastern Geology*, 48 (4):165-84. 1st Author with Wendy Weaver, Sherri L. Littman, Jessica Cook Hale and Pradeep Srivastava.
- * 2012 Local mining or lead importation in the Roman province of Africa Proconsularis? Lead isotope analysis of curse tablets from Roman Carthage. *Journal of Archaeological Science*, 39:970-983. S. Skaggs, N. Norman, E. Garrison, D. Coleman and S. Bouhlef.
- * 2010 Cherkinsky, A., S.E. Noakes, E.G. Garrison, G.B. McFall. Radiocarbon age of bone fractions from underwater collected gray whale bones, JY reef, offshore Georgia. Proceedings of the 20th International Radiocarbon Conference. Kailua-Kona, Big Island, Hawaii, 29 May to 5 June 2009. *Quaternary Australasia* 27:1.
- * 2008 Shallow Marine Margin Sediments, Modern Marine Erosion and the Fate of Sequence Boundaries – Georgia Bight (USA). *Southeastern Geology*, 45(3):127-142, 1st author with Greg McFall and Scott E. Noakes.
- ** 2001 Physics and archaeology. *Physics Today*, 54(10):32-36.
- * 1998 Radar prospection and cryoprobes - early results from Georgia. *Archaeological Prospection*, 5: 57-65.
- * 1996 Archaeogeophysical and geochemical studies at George Washington Carver National Monument, Diamond, Missouri, USA. *Historical Archaeology*, 30(1):22-40.
- * 1996 A folk-boat from northwestern Louisiana, USA. *International Journal of Nautical Archaeology*, 25(1):33-37.
- * 1995 Three ironclad warships - the archaeology of industrial process and historical myth. *Historical Archaeology*, 29(4): 26-38.

- * 1992 Advances in close-range photogrammetry for underwater historical archaeology. *Historical Archaeology* 26(3): 97-104.
- * 1991 Archaeogeophysical studies at Cortaillod and St. Blaise, Lac de Neuchâtel, Switzerland. *Geoarchaeology: An International Journal* 6 (2): 111-132.
- * 1989 Characterization of an ESR geochronological dating center in flints. *Physics and Chemistry of Minerals* 16: 767-773.
- * 1988 Radiocarbon dating of six Swiss watercraft. *International Journal of Nautical Archaeology and Underwater Exploration* 17 (2): 183-186, with Béat Arnold, Rainer Berger and E. Gary Stickel. (1st Author).
- * 1986 An historical and archaeological evaluation of the CSS GEORGIA. *Historical Archaeology* 21 (2): 74-100, with Richard J. Anuskiewicz. (1st Author).
- * 1985 Magnetic prospection and discovery of Mission Santa Catalina de Guale Georgia. *Journal of Field Archaeology* 12 (3): 299-313, with James G. Baker and David H. Thomas. (1st Author).
- * 1985 Analysis of Shriver Site artifacts by thermoluminescence. *Missouri Archaeological Quarterly* 1 (4): 20-22, co-authored with Ralph M. Rowlett.
- * 1981 Electron Spin Resonance dating of ancient flints. *Nature*, 290 (5801): 44-45, with Ralph M. Rowlett, David L. Cowan and Louis V. Holroyd. (1st Author).
- * 1978 Alpha-recoil tracks for archaeological ceramic dating. *Archaeometry*, 22 (1): 39-46, with Otto H. Zinke and Charles R. McGimsey, III. (1st Author).
- * 1978 Tools stratified below Paleo-Indian artifacts. *Science*, 200: 1272-1275, with Michael J. Reagan, Ralph M. Rowlett, Vaughn M. Bryant, Christopher Johannsen and Wakefield Dort.(co-author)
- * 1976 Alpha-recoil track dating. *American Archaeologist*, 2:19-20.

Alpha-recoil track dating. *Missouri Archaeological Society Newsletter*, 298:5-6.

Alpha-recoil track dating: a brief history and explanation. *Field notes, Newsletter of the Arkansas Archaeological Society* 122:4-5.
- * 1975 Thermally altered novaculite and stone tool manufacturing techniques, *Journal of Field Archaeology*, 2: 125-131, co-authored with J. Jeffery Flenniken.

- * 1975 A qualitative model for inundation studies in anthropological research and resource conservation: an example from Arkansas. *Plains Anthropologist* 20(70-1): 279-296.

Technical Papers and Reports:

- 2018 A Ground Radar Survey of the Baldwin Hall Lawn South of the Front Entrance Plaza. Prepared for Southeastern Archaeological Services. Ervan G. Garrison and Ian H. Garrison
- 2017 The Old Athens Cemetery Ground Penetrating Radar Survey: A report prepared for Southeastern Archaeological Services. Jessica Cook Hale, Ian H. Garrison and Ervan G. Garrison.
- 2013 Report on a Multi-sensor Geophysical Survey of the Rose Cottage Site and Vicinity, August 6 to August 12, 2013. Prepared for the Cherokee Nation, Tahlequah, Oklahoma. Ervan G. Garrison, Ian H. Garrison and Jace Weaver. Institute for Native American Studies, The University of Georgia, October, 2013
- * 2012 Inventory and Analysis of Archaeological Site Occurrence on the Atlantic Outer Continental Shelf. OCS Study, BOEM 2012-008. U.S. Department of the Interior, Bureau of Ocean Energy Management. TRC Corporation.
- 2010 A Technical Report on the Prehistoric Archaeological Potential for the Georgia Bight. TRC Consultants. Norcross, GA. With Jessica Hale Cook.
- 2009 A Preliminary Archaeological and Shallow Geoprospection of Two Basement Areas and One Exterior Area in New College, UGA Campus w/An Appendix for Costs to Conduct Archaeological Oversight of Removal of Rubble Remaining. A report to the University Architects Office. The University of Georgia. Athens.
- 2009 A Technical Report on the Prehistoric Archaeological Potential for the Georgia Bight. TRC Consultants. Norcross, GA. With Jessica Hale Cook.
- 2009 A Report on Geophysical Surveys at the Modern-Day Sites of the Female and Male Cherokee Seminaries, Cherokee Heritage Center and Markoma School, Tahlequah, Oklahoma. The University of Georgia. With Jessica Cook Hale and Jace Weaver.

- 2008 Phase I and II Investigations of the Wormsloe Shell Feature, March and April 2008. A Report to the Wormsloe Institute. Jessica Cook Hale and Ervan G. Garrison The University of Georgia. Athens, GA 30602
- 2007 Final Technical Report, Cycle IX Coastal Incentive Grant. Excavation and Development of Educational materials for Grove's Creek Site. Georgia Department of Natural Resources.
- 2006 A Report on Remediation Activities Undertaken on the Sam Gray Invertebrate Collection by the Georgia Museum of Natural History, the University of Georgia. Submitted to the National Oceanic and Atmospheric Administration (NOAA). Gray's Reef National Marine Sanctuary, 10 Ocean Science Circle, Savannah, GA 31411. Jessica W. Cook, Ervan G. Garrison and Bryan J. Freeman.
- 2001 Sangro Valley Project, Italy: Limited Geophysical Testing, March 2-10. Report done under U.S. Department of Agriculture-Forest Service and the University of Georgia Cooperative Agreement, in association with Oberlin College, Oberlin, Ohio and the Soprintendenza Archeologica di Abruzzo, with Kent A. Schneider.
- 2001 An Archaeological Geophysical Study of Historic Bethabara Park, Winston-Salem, North Carolina, with Kent A. Schneider, Douglas Leupke and Roger Kirchen. Report done under U.S. Department of Agriculture-Forest Service and the University of Georgia Cooperative Agreement.
- 1996 A Remote-Sensing Survey of the Proposed Ranger/Post Obstacle Course, Hunter Army Airfield. Final Report. U.S. Department of the Army Legacy Report, with Nina Šerman. 62 pp.
- 1996 Remote-Sensing Survey of the Proposed Ranger/Post Obstacle Course, Hunter Army Airfield. Quarterly Report. U.S. Department of the Army. Fort Stewart, Georgia. 20 pp.
- * 1989 Magnetic Anomalies and Historic Shipwreck Patterns in the Northern Gulf of Mexico. U.S. Department of the Interior, Minerals Management Service, New Orleans, LA, with Charles P. Giammona, Frank E. Kelly, Arthur R. Tripp, and Gary A. Wolf. 3 Volumes, 496 pp. (1st Author).
- 1988 Mississippi-Alabama marine ecosystems study - Year 1 annual report. James M. Brooks and Charles P. Giammona, editors, U.S. Department of the Interior, Minerals Management Service, New Orleans, LA. 2 Volumes, 610 pp.

- 1985 Lost Cultures of Lac de Neuchâtel, EARTHWATCH 1985 Expedition. Field Report, Belmont, MA. 31 pp.
- 1984 A magnetometer survey of subareas A and B, Item R-752 Lambethville, Crittenden County Arkansas, in *Cultural Resources Intensive Survey and Testing of Mississippi River Levee Berms, Crittenden and Desha Counties Arkansas and Mississippi, Scott, Cape Girardeau and Penobscot Counties Missouri*. Memphis District. Appendix A.
- * 1983 An archival and instrumental survey for the MITTIE STEPHENS, Caddo Lake, Texas and Louisiana. MITTIE STEPHENS Foundation, Dallas, TX. 137 pp.
- * 1982 Cultural resources survey of the Calcasieu River and Pass, and the Mermentau River, Louisiana. New Orleans District Corps of Engineers, New Orleans, LA, with James S. Tribble. 180 pp.
- * 1981 AIWW, an archaeological reconnaissance survey of the Atlantic Intracoastal Waterway, Georgia. Savannah District Corps of Engineers with James S. Tribble. 123 pp.
- * 1980 Archaeological investigations at two 19th century well sites, Lucy, Louisiana. *Cultural Resources Laboratory Technical Report*, with Clell L. Bond, Edward P. Baxter, Charles S. Fletcher, Stanley Grysinski, James Caldwell, and Terry Jones. 142 pp. (Compiler).
- * 1980 Archaeological and engineering study of the C.S.S. GEORGIA, Part I: abstract and management summary. *Cultural Resources Laboratory Special Report*, with Lee Lowery, Jr. 32 pp. (1st Author).
- * 1980 Archaeological and engineering study of the C.S.S. GEORGIA, Part II: final report. *Cultural Resources Laboratory Special Report* with Lee Lowery, Jr. and Robert M. Holcombe. 154 pp. (1st Author).
- * 1980 A cultural resources assessment of selected magnetic anomalies, Fort Pierce, Florida beach erosion control project. *Cultural Resources Laboratory Technical Report*, with Clell L. Bond, Charles P. Giammona, and Richard J. Anuskiewicz . 22 pp. (1st Author).
- * 1980 National reservoir inundation study research at Round Spring and Alley Spring, Ozark National Scenic Riverways. Report by the National Park Service, Santa Fe, with Toni R. Carrell and J. Alan May. 80 pp.

- 1980 A magnetometer survey of the proposed borrow area for beach erosion control, Grand Isle, Louisiana. *Cultural Resources Laboratory Technical Report*, with Edward P. Baxter, James S. Tribble and J. William Crow. 37 pp. (1st Author).
- * 1979 A report on archaeological test excavations on eight prehistoric sites in the construction corridor U.S. Route 65, Saline County, Missouri. Missouri Highway Commission, Jefferson City, MO, with David D. Denman. 62 pp. (1st Author).
- * 1979 Progress report on the effects of inundation: Table Rock Reservoir, Missouri. *American Archaeology Report 5*, University of Missouri, Columbia, with J. Alan May, Alf Sjöberg, and William Marquardt. 55 pp. (1st Author).
- * 1979 A final report on the effects of inundation: Table Rock Reservoir, Missouri. National Park Service, Southwest Cultural Resources Center, Santa Fe; Department of Anthropology, University of Missouri, Columbia, with J. Alan May, Alf Sjöberg, and William Marquardt. 132 pp. (1st Author).
- * 1979 Archaeological Investigations at George Washington Carver National Monument, 1978. National Park Service, Midwest Archaeological Center; Department of Anthropology, American Archaeology Division, University of Missouri-Columbia, with Robert T. Bray and David R. Denman. 76 pp. (1st Author).
- * 1978 Meramec archaeological project research design. In *Archaeological Investigations at Meramec Lake. American Archaeological Report 6*, University of Missouri, Columbia, with David R. Evans and David J. Ives. pp. 17-89. (1st Author).
- * 1978 The Meramec archaeological project testing program. In *Archaeological Investigations at Meramec Park Lake. American Archaeology Report 6*, University of Missouri, Columbia. pp. 147-280. (1st Author).
- * 1987 Evaluations on various site-locating techniques in the Meramec Park Lake area. In *Archaeological Investigations at Meramec Park Lake. American Archaeology Report 6*, University of Missouri, Columbia, with David J. Ives. pp. 281-298. (1st Author).
- * 1978 Potential for the application of the thermoluminescent dating within the Meramec Park Lake area. In *Archaeological Investigations at Meramec Park Lake. American Archaeology Report 6*, University of Missouri, Columbia. pp. 485-499. (1st Author).

- * 1978 Early historic socio-economic models in the Meramec Valley: An initial formulation. In *Archaeological Investigations at Meramec Park Lake. American Archaeology Report 6*, University of Missouri, Columbia, with David R. Evans and David J. Ives. pp. 960-1018.
- * 1976 *Archaeological Investigations at George Washington Carver National Monument, 1976*. National Park Service, Midwest Archaeological Center; Department of Anthropology, American Archaeology Division, University of Missouri-Columbia, with Robert T. Bray. 33 pp. (1st Author).
- * 1976 *Archaeological Investigations of the Ozark National Scenic Riverways Park. American Archaeology Report 11*, University of Missouri-Columbia, with V. Anne Tippitt, Ward F. Weakly, and John Graham. 119 pp. (1st Author).
- * 1976 A thermoluminescent analysis of Shriver site (23DV12) lithic materials: a dating feasibility study. *Archaeological Investigations at the Shriver Site, 23DV12, Daviess County, Missouri, 1975-76*. Michael J. Reagan and David R. Evans, Editors. *American Archaeology Report 4*, University of Missouri, Columbia. pp. 104-118. (1st Author).
- * 1974 *Archaeological resources in the path of Big Running Water Ditch, Lawrence and Randolph Counties (Arkansas)*. Arkansas Archaeological Survey. Fayetteville. 24 pp.

Abstracts:

- 2016 *Geoarchaeology Underwater and its Challenges – An Example from Florida, the Ecofina Paleo-Channel Site*. Program and Abstracts of the Southeastern Archaeological Conference. November 12-16. Athens, GA.
- 2015 *The geology and genomics of the gray and other whale species. The Georgia Bight*. Program and Abstracts of the Geological Society of America, Southeastern Section – 64th Annual Meeting, 19–20 March, 2015, Chattanooga, TN.
- 2015 *Assessing the potential of scour nuclei for the discovery of submerged prehistoric archaeological sites, inner-to-mid continental shelf, Georgia Bight, U.S.A.* Program and Abstracts of the Geological Society of America, Southeastern Section - 64th Annual Meeting, 19–20 March, 2015, Chattanooga, TN.

- * 2012 SEM-EDS and XRD-WDS Characterization of Unconventional Prehistoric Artifacts from the Southeastern U.S. Continental Shelf, Gray's Reef National Marine Sanctuary, Georgia. Geological Society of America. Annual Meeting, Charlotte, NC, November 4-7. Geological Society of America, Abstracts with Program, Vol. 44, No. 7, p. 565. Jessica Cook Hale (1st author), Sean Cameron, Erin Smith and Ervan G. Garrison.
- * 2012 Geochemical Characterization of Pliocene and Miocene Outcrops in the the Georgia Bight, Gray's Reef National Marine Sanctuary. Geological Society of America. Annual Meeting, Charlotte, NC, November 4-7. Geological Society of America. Abstracts with Programs, Vol. 44, No. 7, p.196. Ervan G. Garrison (Presenter), Jessica Cook Hale, Christopher Sean Cameron and Erin Smith .2012
- * 2005 Geoprospection of Mound A, Etowah Mounds State Park, Georgia. *EOS Transactions*, American Geophysical Union, 86(1). Co-Author with Phillip A. Reppert and Kent A. Schneider
- * 2003 Paleocology of the Drowned Coastal Plain. Abstracts. The Ecological Society of America Official Program 88th Annual Meeting. Savannah, GA, August 3-8.

Book & Journal Reviews:

La Belle, The Archaeology of a Seventeenth-Century Vessel of New World Colonization. 2017. Edited by James E. Bruseth, Amy A. Borgens, Bradford M. Jones, and Eric D. Ray. Texas A&M University Press. 916 pages, 330 color and 97 black & white photos, 46 maps, 2 figures, 2 appendices, bibliography and index. \$95.00 (Hardcover). Reviewed for *American Antiquity*. 2017.

Paleoindian Societies of the Coastal Southeast. James S. Dunbar. 2016. University of Florida Press. 15 Northwest Florida Street, Gainesville, FL 32611-2079. www.upf.com. 324 pp. \$84.95. (Hardcover). Reviewed for *American Antiquity*. 2017.

"Introducing geoarchaeology to high school students: the "Living with Volcanoes" activity." Reviewed for Cambridge University Press. 2014

"The Application of Buffon's Needle Problem to Remote Sensing: Lane Spacing and Probability considerations. Reviewed for the *Journal of Field Archaeology*. 2014.

"Archaeological Geophysics of Atlanta's Gulch." S.M. Patch and S.

Lowry. Reviewed for *Early Georgia*. 2013.

“*Native American Landscapes of St. Catherine’s Island, Georgia.*” 3 vols., 1136 pages. David Hurst Thomas. American Museum of Natural History. New York. 2008. Reviewed for the *American Indian Culture and Research Journal*, Vol. 32(4). 2008.

“*GPR surveying over burial mounds: correcting for topography and the tilt of the GPR antenna.*” D. Goodman, H. Hongo, N. Higashi, H. Inaoka and Y. Nishimura. Reviewed for *Near Surface Geophysics*, 5(6): 383-388, 2007.

Des Artisans a la Campagne: Carrière de meules, forge et voie gallo-romaines à Châbles.” Timothy J. Anderson, Clara Agustoni, Anika Duvauchelle, Vincent Serneels and Daniel Castella. Academic Press, Fribourg. 2003. Pp. 391, figures 340, 48 plates. Reviewed for the *American Journal of Archaeology*, 110: 336, 2006.

“*Writing the Cross Culture: Native American Fiction on the White Man’s Religion.*” James Treat, ed. Fulcrum Publishing. Reviewed for the *American Indian Culture and Research Journal*, Vol. 30(4). 2006.

“*Ground Penetrating Radar (GPR) Mapping as a method for planning excavation strategies, Petra, Jordan.*” Lawrence B. Conyers, Eileen G. Ernenwein, and Leigh-Ann Bedal. *E-tiquity*, 2002 / Number 1. 2002.

“Tusan Homichi Meets Achilles: The Hopi Field Mouse Goes to War”. *The Classical Outlook*. Article rejected based on review. 2002.

Ground Penetrating Radar: An Introduction for Archaeologists. L.B. Conyers and D. Goodman. Altamira Press. 1997. Reviewed for *Industrial Archaeology*, 26(1):124-126. 2000.

Arsenic, Nickel et Antimonie. Tome 1 et 2, *Cahiers d archeologie romande*, 63. Valentin Rychner et Niklaus Klantksi. Lausanne. 1995. Reviewed for *SAS Bulletin*, 20 (12):21-23, 1997.

New Developments in Archaeological Science, A.M. Pollard, Editor. Oxford Press. 1992. Reviewed for *Archaeology News*. 1995.

Other Publications:

- ** 1999 A geoarchaeological study of Prisoners Harbor, Santa Cruz Island, Northern Channel Islands, California - past sea levels and deltaic deposits of an insular stream. *Proceedings of Fifth California Islands Symposium*. K. L. Mitchell and D. R. Browne, eds. Santa Barbara Museum of Natural History. March 29-April 1.

- 1997 GPR, GIS, GPS, GEOMAG & GEOARCH - Acronyms for Paleoenvironmental Studies. *ACSM/ASPRS: Annual Convention & Exposition Technical Papers*, Volume 4. Resource Technology Institute. Seattle, WA.

- ** 1993 Foreword . In *The Search for H.M.S. De Braak*, Donald Shomette, author. Durham. Carolina Press. pp. vii-ix.

- * 1992 Underwater archaeology by braille: survey methodology and site characterization in a blackwater environment - a study of a scuttled Confederate Ironclad, C.S.S. GEORGIA. *Proceedings of the American Underwater Sciences 12th Annual Scientific Diving Symposium*. Lawrence B. Cahoon, Editor, with Richard J. Anuskiewicz. pp. 1-12.

- * 1991 NOAA's nationally-protected cultural resources. In *Underwater Archaeology Proceedings from the Society for Historical Archaeology*. John D. Broadwater, Editor, Richmond, VA. pp. 36-39.

- * 1989 A diachronic study of some historical and natural factors linked to shipwreck patterns in the northern Gulf of Mexico. In *Underwater Archaeology Proceedings from the Society for Historical Archaeology*. J. Barto Arnold, III, Editor, Baltimore, MD. 1989. pp. 12-18.

- 1989 Historical shipwreck studies, magnetic anomalies, side-scan sonar contacts characterization and CRMZI. In *Proceedings: Spring Ternary Gulf of Mexico Studies Meeting*. Prepared by Geo-Marine, Inc. OCS Study/MMS 89-0062. U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Regional Office. New Orleans, LA. pp. 36-40.

- 1988 Historic shipwreck studies, northern Gulf of Mexico Continental Shelf: Tasks

I and II update. In *Proceedings: Spring Ternary Gulf of Mexico Studies Meeting*. Prepared by Geo-Marine, Inc. OCS Study/MMS 88-0041. U.S. Department of the Interior, Minerals Management Service, Gulf Regional Office. New Orleans, LA. pp. 3-8.

- 1986 An analytical consideration of three interpretative parameters - amplitude, signature and duration. In *Proceedings of the Seventh Annual Gulf of Mexico Information Transfer Meeting*. Prepared by Geo-Marine, Inc. OCS Study/MMS 87-0058. U.S. Department of the Interior, Minerals Management Service, Gulf Regional Office. New Orleans, LA. pp. 239-240
- 1985 The archaeological significance of eastern Gulf of Mexico sinkholes. In *Proceedings of the Sixth Annual Information Transfer Meeting*. Prepared by Geo-Marine, Inc. OCS Study/MMS 86-0073. U.S. Department of the Interior, Minerals Management Service, Gulf Regional Office. New Orleans, LA. pp. 212.
- 1985 A portable acoustic navigation system for hydrographic surveys. In *Proceeding: U.S. Army Corps of Engineers Surveying Conference, 4-8 February 1985*. U.S. Army Engineer Waterways Experiment Station. Vicksburg, MS. With Dave Porta. pp. 92-112. (1st Author).
- * 1983 Computer graphics applications to nautical archaeology. In *Proceedings of the Fourteenth Conference of Underwater Archaeology*, Calvin Cummings, Editor. Denver, with James G. Baker. pp. 31-37.
- * 1981 Computer mapping and site visualization in zero visibility: The C.S.S. Georgia. In *Underwater Archaeology: The Challenge Before Us, Proceedings of the Twelfth Conference of Archaeology*, Gordan P. Watts, Editor, with James G. Baker and Richard J. Anuskiewicz. pp. 10-20.

* Publications which have gone through stringent editorial review

** Publications which were invited and which carry prestige & recognition

Works Submitted but Not Yet Accepted:

Books:

Popular Articles:

- 1980 Archaeology: more business than scholarship? *The Christian Science Monitor*, August 13, 1980. p. 16.
- 1980 Modern archaeologists must also dig politics. *Newsday: The Long Island Newspaper*. November, 23, 1980. p. 11.

B. CREATIVE CONTRIBUTIONS:

Workshop, GPR March 7-9, 2002.
Plenary Chair, 1994 SHA Conference on Historical and Underwater Archaeology, Vancouver, British Columbia, Canada.
Conference Co-Chair, Workshop of the Human Dimensions of Global Change, NOAA, Washington, D.C., September, 1992.

C. RECOGNITIONS & OUTSTANDING ACHIEVEMENTS:

George "Rip" Rapp Award, Archaeological Geology Division, Geological Society of America, 2010.

Fellow of the Geological Society of America, 2009.

The Director of the Year Award, The University of Georgia, Office of International Education, 2004.

Certificate of Appreciation, Autonomous University of Mexico - Campeche (UNAM), March, 1995.

President, Society for Archaeological Sciences, 1993-1995.

Technical Representative, Joint U.S.-France Advisory Committee for the CSS ALABAMA, Washington, D.C., January, 1992

Technical Representative, Joint U.S.-France Advisory Committee for the CSS ALABAMA, Paris, France, June, 1991.

Official United States Observer, CSS ALABAMA Expedition, Cherbourg, France June,

1991.

Certificate of Appreciation, U.S. Department of Agriculture, Forest Service, June, 1991.

Certificate of Appreciation, National Association of Underwater Instructors (NAUI), June, 1989.

Certificate of Appreciation, Joint-Secretariat for Oceanography, Republic of Mexico, November, 1988.

E. AREAS IN WHICH RESEARCH IS DONE:

Archaeological geology; archaeogeophysics and archaeometry.

Current Research: Geoarchaeological and archaeogeophysical characterization of prehistoric and historic sites, U.S. and Europe; Pleistocene and Holocene paleoecological reconstruction at: (1) Gray's Reef National Marine Sanctuary, Continental Shelf, Atlantic Ocean); (2) Archaeogeophysical mapping of Drummond Hill, Perthshire, Scotland (UK); (3) Archaic Period site excavation, Apalachee Bay (FL).

G. EDITORSHIPS: None

H. CONVENTION PAPERS:

2016 A Recovery of Cherokee Dis-Places thru Remote Sensing Means. Native American and Indigenous Studies Association Annual Meeting. May 17th - 20th. Honolulu, Hawai'i.

2016 Methodology in Geoarchaeology Underwater—An Example from Florida. 2016 Symposium on Southeastern Coastal Plain Archaeology. February 13th. Douglas, GA.

2016 Geoarchaeology Underwater and its Challenges – An Example from Florida, the Ecofina Paleo-Channel Site. Southeastern Archaeological Conference. November 12th -16th. Athens, GA.

** 2016 Forum: Issues in Submerged Prehistoric Archaeology in the Americas. Society for American Archaeology 81st Annual Meeting. Orlando, FL. April 9th. Participant.

2015 The geology and genomics of the gray and other whale species. The Georgia Bight Geological Society of America, Southeastern Section - 64th Annual

Meeting, March 19th–20th, 2015, Chattanooga, TN.

- 2015 Assessing the potential of scour nuclei for the discovery of submerged prehistoric archaeological sites, inner-to-mid continental shelf, Georgia Bight, U.S.A. Geological Society of America, Southeastern Section - 64th Annual Meeting, March 19th–20th, 2015, Chattanooga, TN.
- 2013 Scientific Diving in Coastal Georgia: 8000 year-old trees, Prehistoric Shell Middens and Sea Level Change. In *Proceedings of the 2013 AAUS/ESDP Curaçao Joint International Scientific Diving Symposium, October 24th -27th, 2013, Curaçao.*
- 2012 Drowned Rocks & Late Quaternary Coastal Environments of the Georgia Bight. First Floridians Conference, Magnolia Springs, FL. October 4th- 6th.
- 2012 SEM-EDS and XRD-WDS Characterization of Unconventional Prehistoric Artifacts from the Southeastern U.S. Continental Shelf, Gray's Reef National Marine Sanctuary, Georgia. Geological Society of America. Annual Meeting, Charlotte, NC, November 4th -7th. Geological Society of America, *Abstracts with Program*, Vol. 44, No. 7, p. 565. Jessica Cook Hale (1st author), Sean Cameron, Erin Smith and Ervan G. Garrison.
- 2012 Geochemical Characterization of Pliocene and Miocene Outcrops in the the Georgia Bight, Gray's Reef National Marine Sanctuary. Geological Society of America. Annual Meeting, Charlotte, NC, November 4th -7th. Geological Society of America. *Abstracts with Programs*, Vol. 44, No. 7, p.196. Ervan G. Garrison (Presenter), Jessica Cook Hale, Christopher Sean Cameron and Erin Smith .
- 2011 Visually modeling late Quaternary environments. Southeastern Archaeological Conference. Jacksonville, FL. November 2nd -5th , 2011. Co-author (presenter) with Jessica Cook Hale.
- 2011 Visually modeling late Quaternary environments. Symposium on Southeastern Coastal Plain Archaeology. South Georgia College, Douglas, GA, August 20th, 2011. Co-author (presenter) with Jessica Cook Hale.
- 2011 T. R. Fenn, S. Skaggs, D. Killick, E. Garrison, N. Norman, S. Bouhleb, J. Ruiz. An Assessment of the Role of Tunisian Ores in Local Metal Consumption during Punic and Roman Times. 3rd International Conference Archaeometallurgy in Europe, June 29th - July 1st, 2011,

Bochum, Germany.

2010 A whale of a tale – fossil evidence for the extinct Atlantic gray whale from the Georgia Bight. Geological Society of America Northeastern-Southeastern Sections Joint Meeting, Baltimore, MD, March 14th -16th , 2010. Co-author (presenter) with Scott E. Noakes and Greg McFall.

2010 Multi-seasonal Ground Penetrating Radar (GPR) Analyses at the Fanta Stream Fossil and Archaeological Site, Central Ethiopia. Geological Society of America Annual Meeting. Denver, CO. October 31st – 3rd November, 2010. Second author with Peter Lanzarone and A. Getahun.

2009 Underwater Paleontology: Recovery of a Prehistoric Whale Mandible Offshore Georgia. Diving for Science 2009, 28th American Academy of Underwater Sciences Symposium, March 10th-14th, Atlanta, Georgia. Co-author with Scott E.Noakes (presenter) and Greg McFall.

2007 Paleoecology and Geoarchaeology at Gray’s Reef National Marine Sanctuary. Symposium by the Archaeological Institute of America, Athens, Georgia chapter. The University of Georgia.

** 2007 Shallow marine margin sediments, modern marine erosion and the fate of sequence boundaries - Georgia Bight (USA). Southeast Section meeting, Geological Society of America. Savannah, GA. March 29th - 31st . Co-author with Greg McFall and Scott A. Noakes.

2006 Two Archaeological and Paleontological Localities on the Atlantic Southeastern U.S. Continental Shelf, Gray’s Reef National Marine Sanctuary and J-Reef (GEORGIA). Abstracts, Vol. 38, No. 7. Geological Society of America. Annual Meeting, Philadelphia, PA. October 22th - 25th.

2006 Ground Penetrating Radar -- Does One Size Fit All? Stephen Jones, Kent Schneider, Dean Goodman, Gus Pantel and Ervan Garrison. 71st Annual Meeting of the Society of American Archaeology, April 26th – 30th San Juan, Puerto Rico.

2006 Geoprospection of Mound A, Etowah Mounds State Park, Georgia, 2001-2002. Co-author with Phillip Reppert and Kent Schneider. 71st Annual Meeting of the Society of American Archaeology, April 26th – 30th San Juan, Puerto Rico.

- 2006 GPR Archaeometry. Dean Goodman, Agamemnon Pantel, Kent Schneider and Ervan Garrison. 71st Annual Meeting of the Society of American Archaeology, April 26th – 30th San Juan, Puerto Rico.
- ** 2005 Time in Native America. Native American Theology Forum. Claremont School of Theology. Claremont Cluster Colleges. Claremont, CA. August 12th -13th.
- 2005 Geoprospection of Mound A, Etowah Mounds State Park, Georgia. Joint Assembly Meeting of the American Geophysical Union, New Orleans. Louisiana, May 23rd to 27th. Co-Author with Phillip A. Reppert and Kent A. Schneider
- ** 2004 Geoarchaeology and Paleoecology of Gray's Reef National Marine Sanctuary, 69th Annual Meeting of the Society of American Archaeology. March 31st to April 4th, Montreal, Quebec, Canada. With Sherri L. Littman, Megan Mitchell, Pradeep Srivastava and Wendy Weaver
- 2003 Paleoecology of the Drowned Coastal Plain. The Ecological Society of America. 88th Annual Meeting. Savannah, GA, August 3rd – 8th .
- 2003 Paleoecology of Gray's Reef National Marine Sanctuary. Ecological Society of America, 88th Annual Meeting, August 3rd- 8th , Savannah, GA. With Sherri L. Littman, Megan Mitchell and Wendy Weaver
- ** 2003 Geoarchaeological Studies at Gray's Reef National Marine Sanctuary, Georgia's Atlantic Bight. Oceans '03, San Diego, CA. With Sherri L. Littman, Megan Mitchell and Wendy Weaver.
- ** 2001 A Burned Pre-Contact Structure at Grove's Creek, Skidaway Island, Georgia. Southeastern Archaeological Conference, Macon, Georgia, November 8th -12th .
- 2000 Ground Penetrating Radar and Magnetometer Imaging of Two Early Bronze Age Sites, Greece. Poster presented at the International Archaeometry Symposium, Mexico City, May. Co-author with Kent A. Schneider and Glen Locascio.

- 1999 New Directions in Alpha Recoil Track Dating in Geology and Archaeology. Southeastern Section Meeting, Geological Society of America, Athens, GA, March 25th -26th .
- ** 1998 Archaeological Prospection Using GPR and Cryogenic Soil Probes. Paper presented at the 31st International Symposium on Archaeometry, April 27th – May 1st . Budapest, Hungary.
- ** 1997 Geoarchaeology of Gray's Reef National Marine Sanctuary, South Atlantic Bight. *ACSM/ASPRS: Annual Convention & Exposition*. April. Seattle, Washington. April 7th – 10th .
- ** 1997 Instrumental Analyses La Tène Coins and Coin Molds. Paper presented at the Annual Meeting of the Society for American Archaeology, April 2th. Nashville, Tennessee.
- ** 1997 Radar Prospection & Cryoprobes – Methods for the Characterization of Archaeological Sediments. Paper presented at the Annual Meeting of the Geological Society of America – Southeastern Section Meeting, March 26th – 28th . Auburn University, Auburn, Alabama.
- ** 1997 Use of Ground Penetrating Radar to Characterize Hydrostratigraphic units within the Gulf Coastal Plain Province. Paper presented at the University of Georgia Ground Water Resources Conference, March 19th -20th . University of Georgia, Athens, Georgia. With James A. Feild, West W. Johnson, John F. Dowd, Nina Šerman and Parshall B. Bush.
- ** 1996 Radar Prospection & Cryoprobes - early results from Georgia. Paper presented at the 61st Annual Meeting of the Society for American Archaeology, April 10th -14th . New Orleans, Louisiana.
- ** 1996 Electron Resonance Dating of Archaeological Flints - an Unfulfilled Prophecy. Invited paper at a workshop on the Practical Impact of Science on Field Archaeology, October 28th -29th . Jerusalem and Tel Aviv, Israel. A Workshop on the Impact of Science on Near Eastern and Aegean Archaeology. Jerusalem and Tel Aviv, Israel.
- 1996 A Geoarchaeological Study of J Reef and Gray's Reef National Marine Sanctuary. Poster presented at the 53rd Annual Meeting of the

Southeastern Archaeological Conference, November 6th -9th .
Birmingham, Alabama. With Sherri Littman.

- ** 1995 Archaeological geophysics and temple mounds. Annual Meeting Society for American Archaeology, May 3rd -7th . Minneapolis, MN.
- 1995 Holocene Sea level - geoarchaeological studies in the Georgia Bight. The First SEPM Congress on Sedimentary Geology, August 13th -16th . St. Petersburg Beach, FL.
- 1994 Gallo-Roman in the Jura Region of Switzerland. Archaeological Institute of America's Annual Meeting, December 27th -30th . Atlanta, GA.
- 1993 Geoarchaeological studies at the Channel Islands: sea levels in the Holocene. 26th Conference on Historical and Underwater Archaeology, January 6th -10th . Kansas City, MO.
- ** 1993 Baseline high resolution instrumental survey of the central Florida Keys reef track - HIMAP. 26th Conference on Historical and Underwater Archaeology, January 6th -10th . Kansas City, MO. With Robert Finegold.
- 1993 Archaeogeophysical studies of paleoshoreline features at the eastern Gulf of Mexico shelf break. *Episodic Sea Level Change During the Quaternary: Evidence from the Southeastern U.S.* A Symposium for the 1993 Geological Society of America Southeastern Section Meeting, April 1st -2nd . Tallahassee.
- 1993 Studies in archaeology & maritime history - National Marine Sanctuary Program. A Symposium of the 26th Conference on Historical and Underwater Archaeology, January 6th -10th . Kansas City, MO. (Organizer).
- ** 1991 NOAA and Naval shipwrecks: past experience; present problems and future directions. Conference of Naval Museum, Historical and Archival Personnel, April 30th -May 2th . Washington, D.C.
- ** 1990 Archaeogeophysical Studies at Cortaillod and St. Blaise, Lac de Neuchâtel, Switzerland. 3rd International Congress for the Archaeological Exploration of Inland Waters, September 3rd -8th . Zürich.

- 1989 Recent archaeogeophysical studies of paleoshorelines of the eastern Gulf of Mexico. Society for American Archaeology Annual Meeting, April 5th – 9th . Atlanta, GA.
- 1989 A report on the subbottom profiler survey of lacustrine sediments and geology at Cortailod and St. Blaise, Lac de Neuchâtel, Switzerland. Conference of the Society for Historical Archaeology, January 5th -9th . Baltimore, MD.
- * 1989 A diachronic study of some historical and natural factors linked to shipwreck patterns in the northern Gulf of Mexico. First Joint Archaeological Congress, January 5th -9th , Baltimore, MD.
- ** 1986 Historic shipwreck studies, northern Gulf of Mexico continental shelf: Tasks I and II update. Spring Ternary Gulf of Mexico Studies Meeting, Minerals Management Service, October. New Orleans, LA.
- ** 1986 An analytical consideration of three interpretative parameters amplitude, signature, and duration. Seventh Annual Information Transfer Meeting, Minerals Management Service, October. New Orleans, LA.
- 1986 Survey methodology and site characterization modeling in a dynamic riverine environment: a study of the scuttled Confederate ironclad, C.S.S. GEORGIA. Society for American Archaeology Annual Meeting, May. New Orleans, LA.
- ** 1985 The archaeological significance of eastern Gulf of Mexico sinkholes, Seventh Annual Information Transfer, Meeting Minerals Management Service, October. New Orleans, LA.
- ** 1981 Exploration of two Missouri springs, archaeological evidence for hydrological change. 2nd International Congress for Archaeological Exploration of Inland Waters, March. Zürich.
- ** 1981 Riverine archaeology, shipwrecks and black water techniques: mapping and site characterization in zero visibility, the C.S.S. GEORGIA. 2nd International Congress for Archaeological Exploration of Inland Waters, Zürich, March. Zürich.

- 1981 Environmental reconstruction at two 19th-century Louisiana wells: methodological concerns. 14th Annual Meeting of the Society for Historic Archaeology, January. New Orleans, LA.
- 1981 Research designs and inundated sites: an example. 12th Annual Conference on Underwater Archaeology, January. New Orleans, LA.
- ** 1980 The potential for ESR dating of lithic materials. 1980 Annual Meeting of the American Nuclear Society, June. Las Vegas, NV, with David L. Cowan. (1st Author).
- 1978 Search for the U.S.S. QUEEN CITY, instrument survey, 1977. 9th Conference on Underwater Archaeology, January. San Antonio, TX, with David R. Denman. (1st Author).
- 1978 Early historic socio-economic models in the Meramec Valley. Annual Meeting of the Society for Historic Archaeology, January. San Antonio, TX, with David R. Denman.
- 1977 Neutron activation analysis of coin molds from the Titelberg, a Gallo-Roman hill fort. International Symposium for Archaeometry and Instrumental Prospection, May. University of Pennsylvania Museum, Philadelphia, with Ralph M. Rowlett and David McKown. (1st Author).
- 1977 Alpha-recoil track dating of selected ceramics. International Symposium for Archaeometry and Instrumental Prospection, May. University of Pennsylvania Museum, Philadelphia. (1st Author).
- 1977 A locational analysis of Anasazi sites of the Red Rock Plateau, Utah: an information-theoretic approach. Annual Meeting of the Society of American Archaeology, April. New Orleans, LA.

I. RECENT GRANT AWARDS

2011-12 Native Art & Cultures Foundation. \$9,988 Co-PI.
 2009 TRC LLC. \$40,000 PI.