

CURRICULUM VITAE  
**J BRET BENNINGTON**

RESEARCH INTERESTS

Comparative community paleoecology / Conservation paleobiology  
 Glacial geomorphology and geological history of Long Island  
 Paleotempestology  
 Paleoecological interpretation of depositional environments  
 Statistical techniques for analyzing paleoecological data  
 Pennsylvanian cyclothems and biofacies  
 Tetrapod ichnology

EDUCATION

Ph.D.	Virginia Polytechnic Institute and State University	Geology	November 1995
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Dissertation: *Community persistence and the pattern of community variability over time: A test using fossil assemblages from four marine transgressions in the Breathitt Formation (Middle Pennsylvanian) of eastern Kentucky.*

B.S.	University of Rochester	Biology - Geology	1985
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PROFESSIONAL EMPLOYMENT

September 2014 - Present	<b>Department Chair</b> , Geology, Environment, Sustainability Hofstra University, Hempstead, NY
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September 1993 - Present	<b>Professor</b> (current rank as of 2010) Hofstra University, Hempstead, NY
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Undergraduate Courses:	GEOL 001 Physical Geology / Planet Earth GEOL 002 Historical Geology GEOL 004 Astrogeology GEOL 006 Dinosaurs and the Mesozoic World GEOL 007 Earth Science I GEOL 010 Environmental Geology GEOL 020 Field Methods GEOL 033 Environmental Geomorphology GEOL 121 Hydrology GEOL 135 Sedimentation GEOL 137 Invertebrate Paleontology
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GEOL 14F/S Evolution: An Overview of Darwin's  
Dangerous Idea

Honors College Courses	HUHC 011 Culture and Expression HUHC 20D Debating Darwin HUHC 20D Exploring Design from Aristotle to Darwin HUHC 20D Dinosaur Paleobiology
Field Courses:	BIO 110A / 203 Evolutionary Ecology and Geology of the Galapagos Islands and Ecuador GEOL 143W Astrobiology, Paleontology, and Volcanic Geology in the Western U.S.
Graduate Courses:	CT 280S Geology of Southeastern New York State GEOL 251 Geologic Readings
September 1996 - 2011	<b>Adjunct Professor</b> Long Island University, Brookville, NY
Graduate Courses:	Groundwater Geology 518 Environmental Science 601

## GRANTS

- 2018 - 2022 Governor's Office of Storm Recovery, Living and Learning With the Bay, Subrecipient Award. Funded: \$1,064,718.
- 2017 - 2020 Principle Investigator, NSF STEM+C Design and Development: "A Sustainable Computer Modeling Curriculum for Mastery of Core Biology Concepts and Computational Thinking by Secondary School Students," FAIN# 1742373, Funded: \$1,611,462.
- 2016 - 2021 Co-Principle Investigator, NSF Robert Noyce Scholarship Program, Noyce Scholars Program Phase II: Expanding the Model, FAIN# 1557388, Funded: \$1,049,452
- 2014 - 2016 Principle Investigator, Improving Teaching & Learning in Science: A Partnership Grant between Roosevelt Union Free School District and Hofstra University, RFP# GC14-002, Funded: \$147,486
- 2014 - 2016 Co-author, New York State Regional Economic Development Grant, Hofstra STEM Collaboratorium Project, Funded: \$1,500,000
- 2009 - 2016 Senior Associate, Department of Energy grant (Award #DE-SC00001985) to establish a Hofstra University Center for Climate Studies, Funded: \$462,429, with Dr. E. Christa Farmer (P.I.), Dr. Russell Burke, and Dr. David Weissman.
- 2006 SENCER Summer Institute, San Jose, CA, August 4-7, 2006. NSF Post-Institute Implementation Sub-Award Grant, \$5000.

- 2003 Faculty Research and Development Grant, Hofstra University  
DEM Map Project. Proposal funded for \$450.00
- 2001 Faculty Research and Development Grant, Hofstra University  
Pycnodonte Project. Proposal funded for \$500.00
- 2001 Presidential Research Award, Hofstra University  
Breathitt Group Project. Proposal funded for \$475.00
- 2000 Faculty Research and Development Grant, Hofstra University  
Pycnodonte Project. Proposal funded for \$500.00
- 2000 Presidential Research Award, Hofstra University  
Breathitt Group Project. Proposal funded for \$500.00
- 1999 Presidential Research Award, Hofstra University  
Breathitt Group Project. Proposal funded for \$500.00
- 1999 Faculty Research and Development Grant, Hofstra University  
Callianassid Burrow Project. Proposal funded for \$700.00
- 1998 Faculty Research and Development Grant, Hofstra University  
Fossil Trackways of Eastern North America Project. Proposal funded for  
\$760.00
- 1998 Presidential Research Award, Hofstra University  
Navesink Paleontology Project. Proposal funded for \$300.00
- 1997 Presidential Research Award, Hofstra University  
Coordinated Stasis Project. Proposal funded for \$447.00
- 1997 Faculty Research and Development Grant, Hofstra University  
Funding request for global positioning system, with Russel Burke, Dept. of  
Biology. Proposal funded for \$1800.00
- 1996 Presidential Research Award, Hofstra University.  
Navesink Paleontology and Stratigraphy Project. Proposal funded for  
\$350.00
- 1995 Faculty Research and Development Grant, Hofstra University.  
Unraveling the Glacial History of Long Island's Moraines: a Quantitative  
Analysis of Glacial Indicator Stones. Proposal funded for \$600.00.
- 1991 - 1993 National Science Foundation Grant #EAR 9105469 (R. K. Bambach, P.I.),  
Community Persistence and the Pattern of Community Stability Through  
Time: A test using fossil assemblages from four marine transgressions in  
the Breathitt Formation (Middle Pennsylvanian) of eastern Kentucky.  
Proposal funded for \$68,000.00.

- 1991 B. N. Cooper Grant to Promote Research in Appalachian Geology. Proposal funded for \$500.00
- 1990 - 1991 *Geological Society of America* Penrose Grant. Proposal funded for \$580.00.
- 1990 - 1991 *Paleontological Society* Paleontological Research Grant-in-Aid. Proposal funded for \$500.00.
- 1989 - 1990 *Sigma Xi* Grants-in-Aid of Research. Proposal funded for \$600.00.
- 1989 - 1990 Doctoral Dissertation Research Grant, *Appalachian Basin Industrial Association*. Proposal funded for \$950.00.

#### RESEARCH PAPERS

Hsieh, S., Bush, A., and **Bennington, J.** 2019, Were bivalves ecologically dominant over brachiopods in the late Paleozoic? A test using exceptionally preserved fossil assemblages. *Paleobiology*, 45(1). doi:10.1017/pab.2019.3

**Bennington, J Bret** and Farmer, E. Christa, 2015. Recognizing past storm events in sediment cores based on comparison to recent overwash sediments deposited by Superstorm Sandy, in Bennington, J Bret and Farmer, E. Christa (eds.), *Learning From the Impacts of Superstorm Sandy*. Elsevier, ISBN 9780128015209.

Farmer, E. Christa and **Bennington, J Bret**, 2015. Trace metals as a tool for chronostratigraphy in sediment cores from south shore barrier beach marshes on Long Island, NY, in Bennington, J Bret and Farmer, E. Christa (eds.), *Learning From the Impacts of Superstorm Sandy*. Elsevier, ISBN 9780128015209.

Bower, Peter; Kelsey, Ryan; **Bennington, Bret**; Lemke, Lawrence D.; Liddicoat, Joseph; Sorice Miccio, Briane; Lampousis, Angelo; Thompson, Doug M.; Greenbaum Seewald, Bess; Kney, Arthur D.; Graham, Tamara; and Saugata Datta, 2014, Brownfield Action: Dissemination of a SENCER Model Curriculum and the Creation of a Collaborative STEM Education Network. *Science Education and Civic Engagement* 6:1. [http://seceij.net/seceij/winter14/brownfield\\_acti.html](http://seceij.net/seceij/winter14/brownfield_acti.html)

**Bennington, J Bret** and Aronson, Myla J., 2012. Reconciling Scale in Paleontological and Neontological Data: Dimensions of Time, Space, and Taxonomy, in Louys, Julien (ed.), *Palaeontology in Ecology and Conservation*. Springer, ISBN 978-3-642-25037-8.

**Bennington, J Bret**, Dimichele, W.A., Badgley, C., Bambach, R.K., Barrett, P.M., Behrensmeyer, A.K., Bobe, R., Burnham, R.J., Daeschler, E.B., Van Dam, J., Eronen, J.T., Erwin, D.H., Finnegan, S., Holland, S.M., Hunt, G., Jablonski, D., Jackson, S.T., Jacobs, B.F., Kidwell, S.M., Koch, P.L., Kowalewski, M.J., Labandeira, C.C., Looy, C.V., Lyons, K., Novack-Gottshall, P.M., Potts, R.,

- Roopnarine, P.D., Stromberg, C.A.E., Sues, H., Wagner, P.J., Wilf, P., and Wing, S.L., 2009. Spotlight: Critical issues of scale in paleoecology, *PALAIOS* 24: 1-4.
- Bonelli, J.R., Brett, C.E., Miller, A.I., and **Bennington, J Bret**, 2006. Testing for faunal stability across a regional biotic transition: Quantifying stasis and variation among recurring coral biofacies in the Middle Devonian Appalachian Basin, *Paleobiology* 32: 20-37.
- Bennington, J Bret**, 2003. Transcending patchiness in the comparative analysis of paleocommunities: A test case from the Upper Cretaceous of New Jersey. *PALAIOS* 18: 22-33.
- Bennington, J Bret**, 2002, Eustacy in cyclothems is masked by loss of marine biofacies with increasing proximity to a detrital source: An example from the Central Appalachian Basin, U.S.A. *In Carboniferous and Permian of the World*, L.V. Hills, C.M. Henderson, and E.W. Bamber, eds., Canadian Society of Petroleum Geologists, Memoir 19, p.12-21.
- Bennington, J Bret**, 2000. A group simulation of the development of the geologic time scale. *Journal of Geological Education* 48: 583.
- Bennington, J Bret** and Rutherford, S. D., 1999. Precision and reliability in paleocommunity comparisons based on cluster-confidence intervals: How to get more statistical bang for your sampling buck. *PALAIOS* 14: 506-515.
- Bennington, J Bret** and Bambach, R. K., 1996. Statistical testing for paleocommunity recurrence: are similar fossil assemblages ever the same? *Palaeogeography, Palaeoclimatology and Palaeoecology* 127: 107-134.
- Bennington, J Bret**, 1996. Stratigraphic and biofacies patterns in the Middle Pennsylvanian Magoffin Marine Unit in the Appalachian Basin, U.S.A. *International Journal of Coal Geology* 31:169-194.
- Bambach, R. K., and **Bennington, J Bret**, 1996. Do communities evolve? A major question in evolutionary paleoecology. *In Evolutionary Paleobiology*. D. Jablonski, D. H. Erwin, and J. H. Lipps, eds., University of Chicago Press., pp. 123-160.
- Gilinsky, N.L. and **Bennington, J Bret**, 1994. Estimating the number of unique individuals from preserved body parts. *Paleobiology* 20: 245-258.
- Bennington, J Bret**, 1993. Technique for disaggregating mudstones to retrieve microfossils and non-clay residual particles. *Journal of Paleontology* 67: 154-155.
- Bennington, J Bret**, 1992. Preliminary analysis of a marine interval near the Howland lookout tower on the Kentucky A-A Highway. *in Rice, C.L., R.L. Martino, and E. Slucher, eds. Regional Aspects of Pottsville and Allegheny Stratigraphy and Depositional Environments, Ohio and Kentucky*, U.S.G.S. Open File Report 92-558, pp. 34-40.

Sundberg, F.A., **Bennington, J Bret**, M. Wizevich, and R.K. Bambach, 1989. Upper Carboniferous (Namurian) amphibian trackways from the Bluefield Formation, West Virginia. *Ichnos* 1: 111-124.

Lannigan, D.A., **Bennington, J Bret**, E.J. Cragoe, Jr., and P. Knauf, 1988. Phenamil, an amiloride analogue, inhibits differentiation of Friend murine erythroleukemia cells. *American Journal of Physiology* 363: C122-C129.

#### EDITED BOOKS

**Bennington, J Bret**, DaSilva, Zenia Sacks, D’Innocenzo, Michael, and Pugliese, Stanisao G. (eds.) 2016, *The 1930s: The Reality and the Promise*. Cambridge Scholars Publishing, ISBN 978-1-4438-8528-7.

**Bennington, J Bret** and Farmer, E. Christa (eds.) 2015, *Leaning From the Impacts of Superstorm Sandy*. Springer, ISBN 9780128015209.

#### TEXTBOOK CHAPTERS / LABORATORY MANUALS

**Bennington, J Bret**, 2009, *The Carbon Cycle and Climate Change*. Cengage Learning, 28 pp., ISBN 0-495-73855-7.

**Bennington, J Bret**, and Merguerian, Charles, 2006. *Geology of New York and New Jersey*, Thomson Brooks/Cole, 21 pp., ISBN 0-759-39063-0.

Merguerian, Charles and **J Bret Bennington**, 2006, *Physical Geology Laboratory Manual (9<sup>th</sup> Ed.)*, Pearson Custom Publishing, 163 pp., ISBN 0-536-30107-7.

#### MISCELLANEOUS PUBLICATIONS

**Bennington, J Bret** and Burke, Russell, 2015. Book Review: *Pterosaurs* by Mark P. Witton, *Priscum* 22(1): 17-18.

**Bennington, J Bret**, 2014. Book Review: *Dinosaur Paleobiology* by S. L. Brusatte, *Priscum* 21(1): 14-15.

**Bennington, J Bret**, 2013. Book Review: *Surveying Natural Populations* 2<sup>nd</sup> Ed. by Hayek and Buzas, *Priscum* 20(1): 28-29.

Letter to the editor: "Don't ignore human effect on globe", *Newsday*, 4/2/12.

Abatemarco\*, Christa and **Bennington, J Bret**, 2009. Statistical Analysis of Dinosaur Footprints and Trackways. *Tracks and Trails* 25(3):1-2.

**Bennington, J Bret**, 2009. When dinosaurs ruled New York: The significance of the tri-state region to dinosaur paleontology. *American Paleontologist* 17(2):10-14.

Letter to the editor: "Creationism is sterile", Newsday, 3/18/02.

**Bennington, J Bret** , 2001. *Jurassic Park* Revisited. *American Paleontologist* 9(3):5.

**Bennington, J Bret** and Selss, Mark, 2000. Shell color, predation, and the fate of gryph-shaped oysters. *American Paleontologist* 8(5):2-4.

**Bennington, J Bret** and Durso, Greg, 1999. The Cretaceous Flora of Long Island. *American Paleontologist* 7(4):2-4.

**Bennington, J Bret**, 1996. Errors in the movie *Jurassic Park*. *American Paleontologist* 4(2):4-7.

Vitale, Gail, Piscitello-Pall, Susan, and **Bennington, J Bret**, 1996. The Internet and *Jurassic Park*: teaching students to think critically about dinosaurs. *American Paleontologist* 4(2):2-3.

**Bennington, J Bret**, 1994. Book Review: Messel: An Insight Into the History of Life and of the Earth. *Journal of Heredity* 85: 243-247.

Letter to the editor: "Fossils Introduce Our Past", Roanoke Times and World News, 3/3/93.

Contributing author: Sundberg, F.A. and N.L. Gilinsky (eds.). 1988. Historical Geology Laboratory Manual. The Department of Geological Sciences. Virginia Polytechnic Institute and State University, Blacksburg, VA. p. 7.3-7.5.

Letter to the editor: "Molecule Matters.", Wall Street Journal, 4/14/89.

#### FIELD TRIP GUIDEBOOKS

**Bennington, J Bret**, 2016. Sequence Stratigraphy, Sedimentology, and Paleontology of the Upper Cretaceous Navesink Formation, New Jersey. *88th Annual New York State Geological Association Field Conference Guidebook*.

**Bennington, J Bret**, 2003. Paleontology and Sequence Stratigraphy of the Upper Cretaceous Navesink Formation, New Jersey. *Long Island Geologists Field Trip, October 18, 2003*.

**Bennington, J Bret**, 2002, Glacial Features of the Huntington and Northport Area, Long Island. *Glacial Geology of Caumsett State Park and the Huntington-Northport Area, Long Island Geologists Field Trip, November 3, 2002*.

**Bennington, J Bret**, and R. K. Bambach, 1994. Marine Transgressions in the Pennsylvanian Breathitt Formation of Eastern Kentucky. *Southeastern Section Geological Society of America, Blacksburg, VA, April 7-9, 1994*, Virginia Tech Department of Geological Sciences Guidebook Number 10, p. 249-264.

## RESEARCH ABSTRACTS (student coauthor: \* undergraduate , \*\* high school)

Marsellos, Antonios E\*, **Bennington, J. Bret**, Plitnick, Thomas A., Jones, Morgan Bridget, Chernoff, Daniella; Hatzis, Kostas, Kyriakopoulos, Konstantinos, 2019, Ultra high-definition digital surface model and geochemical mapping of the Stefanos crater at the active volcano of Nisyros in Greece with UAV scanning, portable x-ray fluorescence and geographical information systems, *Geological Society of America, Abstracts with Programs*, 51 (2).

Lakeram, Scott\*, **Bennington, J Bret**, and Radcliffe, Dennis, 2017, Geochemical and SEM analyses reveal no conclusive evidence that Morrison Formation silicified masses are herbivore coprolites, *Geological Society of America, Abstracts with Programs*, 49 (6).

**Bennington, J Bret**, and Lakeram, Scott\*, 2016, Coprolites or pseudo-coprolites? Preliminary analysis of purported herbivore coprolites from the Morrison Formation in Utah, *Geological Society of America, Abstracts with Programs*, 48 (7).

Weaver, Emily\*, **Bennington, J Bret**, and Harrison, Louise, 2016, Using sediment cores to investigate the history of a *Phragmites*-invaded coastal wetland on the shore of Long Island Sound in Queens, NY, *Geological Society of America, Abstracts with Programs*, 48 (2).

**Bennington, J Bret**, Brinkmann, Robert, Farmer, E. Christa, Garren, Sandra and Marsellos, Antonios E., 2015. Integrating sustainability and geology in a new curriculum for undergraduate earth science education, *Geological Society of America, Abstracts with Programs*, 47 (7): 834.

**Bennington, J Bret** and Aronson, Myla J., 2014. The utilization of paleontological data in ecological research in the first decade of the 21<sup>st</sup> Century, *Geological Society of America, Abstracts with Programs*, 46 (6): 210.

Hsieh, Shannon, Bush, Andrew M., Daley, Gwen M., and **Bennington, J Bret**, 2014, A massive change in theoretical ecospace utilization? Biomass versus relative abundance in the study of local fossil assemblages, *Geological Society of America, Abstracts with Programs*, 46 (6): 631.

Brinkmann, Robert, **Bennington, J Bret**, Farmer, E. Christa, and Garren, Sandra, 2014, Geology and sustainability in the Anthropocene: Engaging students in a new paradigm for earth science education, *Geological Society of America, Abstracts with Programs*, 46 (6): 111.

Bennington, Gail K. and **Bennington, J Bret**, 2014. Recruiting pre-service teachers as mentors in a university summer science research program to better engage high school students in geoscience research, *Geological Society of America, Abstracts with Programs*, 46 (6): 386.



**Bennington, J Bret**, Farmer, E. Christa, Chery, N.\*, Dorward, E.\*, Leone, S.\*, Persaud, A.\*, Spero, D.\*, 2013. Recognizing past storm events recorded in sediment cores based on analysis of recent overwash lobes deposited by Superstorm Sandy, *Geological Society of America, Abstracts with Programs*, 45 (7): 52.

Farmer, E. Christa, **Bennington, J Bret**, Leone, S\*., Longjohn, T\*., Persaud, A\*., Chery, N.\*, Spero, D.\*, Kast, E.\*, and Melrose, C.\*, 2013. Trace metals as a tool for chronostratigraphy in sediment cores from south shore barrier beach marshes on Long Island, NY, *Geological Society of America, Abstracts with Programs*, 45 (7): 53.

**Bennington, J Bret** and Aronson, Myla J., 2012. Reconciling spatial, temporal, and taxonomic scale in ecological and paleoecological studies. *Geological Society of America, Abstracts with Programs*, 44 (7): 476.

Farmer, E. Christa, **Bennington, J. Bret**, Melrose, Courtney\*, Kast, Emma\*, Leone, Steven\*, Longjohn, Tamunoisoala\*, and Persaud, Ashley\* 2012. Identifying hurricane overwash in sediment cores from the Great South Bay, New York. *Geological Society of America, Abstracts with Programs*, 44 (7): 87.

Bennington, Gail K. and **Bennington, J Bret**, 2010. Exploring the conflict between natural resource exploitation and environmental preservation: An interdisciplinary unit for high school students based on Ecuador's national parks. *Geological Society of America, Abstracts with Programs*, 42 (5): 139.

**Bennington, J Bret**, Silberger, Silvia, and Chung, Anna\*\*, 2010. Estimating the size of the sampling domain from the number of unique bivalved individuals in a paleontological sample. *Geological Society of America, Abstracts with Programs*, 42 (5): 139.

**Bennington, J Bret**, \*Hesselbarth, Stephanie, \*\*Lee, Michell, and \*\*Mazza, Julie, 2010. Sediment Analysis of a Stratigraphic Sequence across the K-T Boundary, Manasquan River Basin, NJ. Long Island Geologists Conference, Stony Brook, New York, April 2010.

Abatemarco, Christa\* and **Bennington, J Bret**, 2009. A reanalysis of footprints and trackways at the Dinosaur State Park megatracksite using basic statistical methods. *Geological Society of America, Abstracts with Programs*, 41 (7): 264.

**Bennington, J Bret** and Burke, Russell L., 2009, The tortoise and the lava flow: Teaching Darwin and evolution in the Galapagos Islands. *Darwin's Reach* Conference, Hofstra University, Hempstead, NY, March 12-14.

**Bennington, J Bret** and Koch, Janice, 2007. Planet Earth, An Owners Manual: Scientific Literacy and Civic Engagement in an Introductory Geology Course for Non-Science Students. *Geological Society of America, Abstracts with Programs*, 39 (6): 559.

- Bennington, J Bret**, 2007. Planet Earth, an owners manual: Scientific literacy and civic engagement in an introductory geology course for non-science students. Scientific Literacy in the 21<sup>st</sup> Century Conference, Hofstra University, New York, March 2007 and National Center for Science and Civic Engagement, Washington D.C., March 2007.
- Borg, Melisa, Kennelly, Patrick, **Bennington, J Bret**, and Hess Tanguay, Lillian, 2005. Mapping intentionally uncertain groundwater data with geographic information systems. *Geological Society of America, Abstracts with Programs*, 37 (7): 293.
- Bennington, J Bret** and Bonelli, J. Jr., 2005. The importance of sampling design in analyzing species abundance data from the fossil record. North American Paleontology Convention, Halifax, NS, *PaleoBios*, 25 (supplement to No. 2): 19.
- Bennington, J Bret** and \*\*Young, Timothy, 2005. Determining the direction of ice advance forming the Roanoke Point Moraine from a survey of Hartford Basin erratics. Long Island Geologists Conference, Stony Brook, New York, April 2005.
- Bennington, J Bret**, 2004. More thoughts on how to count fossils. *Geological Society of America, Abstracts with Programs*, 36 (5): 455.
- Bennington, G. K., and **Bennington, J Bret**, 2004. Geologic regions of New York State: A “virtual” field trip integrating classroom activities with a hallway display and internet web site. Long Island Geologists Conference, Stony Brook, New York, April 2004.
- Bennington, J Bret**, 2003. Field methods for quantitative sampling in paleoecology: Strategies for the collection and analysis of fossil assemblage data. *Geological Society of America, Abstracts with Programs*, 35 (6): 590.
- Bennington, G. K., and **Bennington, J Bret**, 2003. Fossils and the geologic regions of New York State: A “virtual” field trip integrating classroom activities with a hallway display and internet web site. *Geological Society of America, Abstracts with Programs*, 35 (6): 15.
- Bennington, J Bret**, 2003. New observations on the glacial geomorphology of Long Island from a digital elevation model (DEM). Long Island Geologists Conference, Stony Brook, New York, April 2003.
- Bennington, J Bret**, and Merguerian, C.M., 2003, Quicktime Virtual Reality (QTVR): A wondrous tool for presenting field trips, specimens, and microscopy in traditional and web-based instruction. Long Island Geologists Conference, Stony Brook, New York, April 2003.
- Merguerian, C.M., **Bennington, J Bret**, \*Boccabella, F., \*Chlystun, R., and \*Ullrich, K., 2002. Quicktime Virtual Reality: a versatile software tool for presenting field trips, specimens and microscopy in lectures and on the web. *Geological Society of America, Abstracts with Programs*, 34 (6): 198.

- Bennington, J Bret**, 2002. Cretaceous oysters on the half-shell: a record of durophagous predation preserved in *Pycnodonte convexa*. *Geological Society of America, Abstracts with Programs*, 34 (6): 541.
- Bennington, J Bret**, and \*Hakimian, Adina, 2002. Grain-size analysis of Cretaceous and Pleistocene sedimentary facies exposed at Caumsett State Park, Lloyd Neck, New York. Long Island Geologists Conference, Stony Brook, New York, April 2002.
- Bennington, J Bret**, and \*\*D'Amore, D. 2001. Transcending patchiness in the comparative analysis of paleocommunities: case studies from the Cretaceous and the Recent. *Geological Society of America, Abstracts with Programs*, 33 (6): A248.
- Bennington, J Bret**, 2001. Shell color and predation in the Cretaceous oyster *Pycnodonte convexa* from New Jersey. Long Island Geologists Conference, Stony Brook, New York, April 2001.
- Bennington, J Bret**, \*\*Selss, M., and \*\*Vinnik, A., 2000. Original color banding preserved in the Cretaceous oyster *Pycnodonte convexa* records repeated disruption to shell growth, possibly related to episodes of predation. *Geological Society of America, Abstracts with Programs*, 32 (7): A371.
- Horowitz, L., Bennington, G. K., and **Bennington, J Bret**, 2000. Making connections in the classroom: a survey of new resources for linking earth science and the social sciences (history, law, politics, and culture). *Geological Society of America, Abstracts with Programs*, 32 (7): A352.
- Bennington, J Bret**. 2000. Using marine biofacies to track the interaction of sediment supply and eustasy: An example from the Magoffin Marine Member, Central Appalachian Basin, U.S.A. *Geological Society of America, Abstracts with Programs*, 32 (1): A5.
- \*Bonelli, J., and **Bennington, J Bret**. 2000. Sequence stratigraphic interpretation of the Upper Cretaceous Navesink formation, central New Jersey: Evidence from macrofossil distribution and taphonomy. *Geological Society of America, Abstracts with Programs*, 32 (1): A6.
- Wolff, M.P. and **Bennington, J Bret**, 2000. A comparison of changes between natural and re-nourished beaches – the 1997-2000 interval between sand replenishment at eastern Jones Beach Island and western Fire Island, New York. Long Island Geologists Conference, Stony Brook, New York, April 2000.
- Bennington, J Bret**, \*Bonelli, J., \*\*Chandler, J., and \*\*Selss, M. 1999. Paleocological evidence for the formation of a backlap shell bed during maximum flooding, Upper Cretaceous Navesink formation, New Jersey. *Geological Society of America, Abstracts with Programs*, 31 (7): A468.

- Bennington, J Bret**, Eustacy in cyclothems of the central Appalachian basin, U.S.A. is masked by loss of marine biofacies with increasing proximity to a detrital source. Proceedings, International Conference on the Carboniferous and Permian, XIV, Calgary, Alberta, August 1999, p. 12.
- Bennington, J Bret**, \*Miller, J. and \*Bonelli, J., 1999. Paleocommunities and depositional environments of the Upper Cretaceous Navesink Formation: A report on work in progress. Long Island Geologists Conference, Stony Brook, New York, April 1999.
- Bennington, J Bret**. 1998. Power and precision in paleocommunity comparisons: How to get more statistical bang for your sampling buck. *Geological Society of America, Abstracts with Programs*, 30 (7): A40.
- Bennington, Gail K., Horowitz, L., and **Bennington, J Bret**. 1998. Promoting awareness of the interdisciplinary relationships between geology and events in human culture and history. *Geological Society of America, Abstracts with Programs*, 30 (7): A130.
- Bennington, J Bret** and Fedo, C. M. 1998. Biofacies as indicators of a forced regression in the Middle Pennsylvanian Magoffin Marine Unit, Appalachian Basin, USA. *Geological Society of America, Abstracts with Programs*, 30 (2): 5.
- Bennington, J Bret**, \*Aluskewicz, P., \*Apostolou, V., \*Daniello, O., \*DeMaine, A., \*Forsberg, N., \*Miller, J., \*Schwager, K, and \*Verdi, Elisheva, 1998. Callianassid, burrowing bivalve, and Gryphaeid-oyster biofacies in the Upper Cretaceous Navesink Formation, Central New Jersey: Paleoecological and sedimentological implications. Long Island Geologists Conference, Stony Brook, New York, April 1998.
- Bennington, J Bret**, \*Forsberg, N., \*Schwager, K., and \*Verdi, E., 1997. Callianassid burrows and oyster accumulations in the Upper Cretaceous Navesink Formation, Central New Jersey: Paleoecological and sedimentological implications. *Geological Society of America, Abstracts with Programs*, 29(6):A100
- Bennington, J Bret** and \*Vincenti, Robert, 1997. Recent results from an ongoing study of the sedimentological and paleontological characteristics of the Upper Cretaceous Navesink Formation, Central New Jersey coastal plain. Long Island Geologists Conference, Stony Brook, New York, April 1997.
- Bennington, J Bret** and Rutherford, S. D. 1996. Calculating confidence intervals for species counts in paleoecological studies: a comparison of methods. *Geological Society of America, Abstracts with Programs*, 28 (7): A295.
- Bennington, Gail K. and **Bennington, J Bret**. 1996. Teaching middle school students about dinosaurs and critical thinking using the film "Jurassic Park". *Geological Society of America, Abstracts with Programs*, 28 (7): A342.

- Bennington, J Bret** and Daley, G. M., 1996. Testing for community unity in the fossil record. North American Paleontological Convention VI, Washington DC, *The Paleontological Society Special Publication No. 8*: 30.
- Bambach, R. K. and **Bennington, J Bret**, 1996. Environmental fidelity and time averaging - sources of apparent community stability and unity. North American Paleontological Convention VI, Washington DC, *The Paleontological Society Special Publication No. 8*: 22.
- Bennington, J Bret**, \*Tappan, C. M., and Radcliffe, D., 1996. Mineralogical and sedimentological analysis of transgressive systems tract facies in the Upper Cretaceous Navesink Formation, Big Brook, New Jersey. Long Island Geologists Conference, Stony Brook, New York, April 1996.
- Bennington, J Bret** and Fedo, C. M. 1995. Evidence for glacial eustacy in the Appalachian basin Magoffin marine unit. *Geological Society of America, Abstracts with Programs*, 27 (6): A332.
- Bennington, J Bret** and Bambach, R. K. 1995. Entities in the ecological hierarchy and the comparison between neontology and paleontology. *Geological Society of America, Abstracts with Programs*, 27 (6): A168.
- Simpson, E. L., **Bennington, J Bret**, *et al.* 1995. Quadrat variance analysis of Lower Cambrian ichnofossil distribution across a sequence boundary, central Virginia.. *Geological Society of America, Abstracts with Programs*, 27 (6): A365.
- Bennington, J Bret**, 1994. Are similar fossil assemblages ever really the same? The statistical analysis of paleocommunity recurrence. *Geological Society of America, Abstracts with Programs*, 26 (6): A456.
- Bambach, R. K. and **Bennington, J Bret**, 1994. Do communities evolve? A major question in evolutionary paleoecology. *Geological Society of America, Abstracts with Programs*, 26 (2): A176.
- Jacobs, D. K., **Bennington, J Bret**, and D. S. Jones, 1994. Allometric analysis and isotopic variation in the shell indicates that *Mercenaria tridacnoides* from the Yorktown were epifaunal and suggests symbiosis. *Geological Society of America, Abstracts with Programs*, 26 (2): A375.
- Bennington, J Bret**, 1994. Stratigraphic and geographic distribution of facies in Middle Pennsylvanian Appalachian marine units: variations on a transgressive - regressive theme. *Geological Society of America, Abstracts with Programs*, 26 (2).
- Bennington, J Bret**, 1993. Paleocommunity recurrence tested using multivariate analysis of variance. *Geological Society of America, Abstracts with Programs*, 25 (6): A459.

- Bennington, J Bret**, 1992. Recognizing distinct macrofossil communities: a sample oriented approach. *Geological Society of America, Abstracts with Programs*, 24 (7): A343.
- Bambach, R. K. and **Bennington, J Bret**, 1992. The paradox of time-averaging: environmental fidelity but community ambiguity. *Geological Society of America, Abstracts with Programs*, 24 (7): A343.
- Bambach, R. K. and **Bennington, J Bret**, 1992. Community gradients in transgressive and regressive sequences. *Geological Society of America, Abstracts with Programs*, 24 (3): 5.
- Bennington, J Bret**, 1991. Background for a test of community recurrence in the fossil record: The fossil assemblages and depositional environments in the Middle Pennsylvanian marine tongues of the Appalachian Basin. *Geological Society of America, Abstracts with Programs*, 23 (5): A167.
- Bennington, J Bret**, 1991. Paleoenvironmental analysis of the Magoffin marine zone transgression, Middle Pennsylvanian Breathitt Formation, eastern Kentucky. *Geological Society of America, Abstracts with Programs*, 23 (1): A8.
- Bambach, R. K., A. Hubbard, and **Bennington, J Bret**, 1990. Ecosystem stability at different temporal scales. *Abstracts, International Congress on Systematic and Evolutionary Biology IV*, College Park, MD, p. 7.
- Bennington, J Bret**, and R. K. Bambach, 1988. General biogeographic patterns in the echinodermata through the Paleozoic. *Abstracts, Palaeozoic Biogeography and Palaeogeography Symposium*, Oxford, U.K. p. 32-33.
- Bennington, J Bret**, and R. K. Bambach, 1987. Paleobiogeographic resolution in the Paleozoic and the quality of the fossil record: a test. *Geological Society of America Abstracts with Programs*, 19: 586.

#### ACADEMIC HONORS AND AWARDS

- Elected to the Center for Teaching Excellence, Hofstra University, Fall 1997 to Spring 1999
- C.G. Tillman Award for Outstanding Teaching Performance by a Graduate Teaching Assistant, Virginia Polytechnic Institute and State University, May 1990
- Certificate of Recognition for Outstanding Community Service while a Graduate Student, Virginia Polytechnic Institute and State University, Spring 1990
- Virginia State Council of Higher Education Commonwealth Fellow, 1989 - 1990
- C.G. Tillman Award for Outstanding Teaching Performance by a Graduate Teaching Assistant, Virginia Polytechnic Institute and State University, May 1989

## INVITED / FUNDED WORKSHOPS

- 2014 Brownfield Action Workshop, Barnard College, New York, NY, April 18-19, 2014.
- 2013 SENCER (Science Education for New Civic Engagements and Responsibilities) Summer Institute, Santa Clara University, Santa Clara, CA, August 1-5, 2013.
- 2013 Brownfield Action Workshop, Barnard College, New York, NY, June 17-18, 2013.
- 2009 Teaching Paleontology in the 21<sup>st</sup> Century Workshop  
Cornell University and Paleontological Research Institute, July 30 – August 4th, 2009  
Invitational workshop funded by NSF and NAGT.
- 2008 Stranger Than We Can Suppose: Evaluating Ecological Possibilities – Past, Present, and Future, ETE, Smithsonian Institution, Washington D.C., Sept. 12-14, 2008.  
Invitational workshop funded by NSF.
- 2007 Paleontological Powers of Ten: Issues of Scale in Paleoecology, ETE, Smithsonian Institution, Washington D.C., Sept. 13-16, 2007.  
Invitational workshop funded by NSF.
- 2006 SENCER (Science Education for New Civic Engagements and Responsibilities) Summer Institute, Santa Clara University, Santa Clara, CA, August 4-7, 2006.
- 1999 NSF Chautauqua Short Course for College Teachers  
New Approaches to Dinosaur Biology and Bird Origins. May 17-19, 1999
- 1998 Geological Society of America, Penrose Conference “Linking spatial and temporal scales in ecology and paleoecology”, Solomons Island, MD, May 14-18.
- 1998 NSF Chautauqua Short Course for College Teachers  
The Dinosaur Family Tree. April 9-11, 1998
- 1997 Innovative and Effective Teaching in the Geosciences Workshop  
College of William and Mary, June 17-21, 1997  
Attendance at workshop funded by NSF and NAGT.

## INVITED LECTURES AND PRESENTATIONS

“Climate Change on Long Island,” Sisterhood of Temple Israel of Great Neck, March 6, 2019

“How the Apollo Program Solved the Riddle of the Origin of the Moon,” Science Night Live, Cradle of Aviation Museum / Hofstra U., November 28, 2018

“A Sustainable Method for Institutional Outcomes Assessment Applied to Quantitative Reasoning,” Drexel University Annual Conference on Teaching and Learning Assessment, Philadelphia, September 12, 2018

“Global Climate Change,” PEIR (Personal Enrichment in Retirement) Group, Union Baptist Church, November 28, 2017

“Amazing Google Earth Tricks: How to Use GE to Make Earth Science Come Alive,” STANYS Fall Regional Science Conference, Hofstra University, October 16, 2017

“Ice, Dunes, and Ocean: A tale of Plum Island’s Rocky Past,” The Henry L. Ferguson Museum, Fishers Island, NY, July 30, 2017

Greentree Teachers Ecology Workshop – lectures and outdoor labs on Long Island geology, geomorphology. Greentree Foundation, Manhasset, NY, July 11, 14, 18, 21, 2017

“What Every Naturalist Should Know About the Geologic History and Glacial Geomorphology of Long Island,” Long Island Natural History Conference, Brookhaven National Laboratory, March 25, 2017

“Climate Change,” Freeport Public Library, March 20, 2017

“The Shelter Rock Cycle: Igneous, Metamorphic, and Sedimentary Origins of Long Island,” Connetquot River State Park Preserve, January 28, 2017

“Darwin and Hume’s Excellent Intelligent Design Adventure,” Hofstra University Darwin Day / Science Night Live, February 15, 2017

“Sustainable Assessment of Student Writing: From learning objectives to closing the loop”, *AAC&U General Education and Assessment: Thinking for Student Learning*, Phoenix, AZ, February 22-24, 2017

“Retrofitting Outcomes Assessment to the General Education Curriculum: Lessons Learned at Hofstra University,” Drexel University Annual Conference on Teaching and Learning Assessment, Philadelphia, September 8, 2016

Greentree Teachers Ecology Workshop – lectures and outdoor labs on Long Island geology, geomorphology. Greentree Foundation, Manhasset, NY, July 11, 12, 18, 19, 2016



“Sustainable Outcomes Assessment: Strategies and Methods”, Marist College, March 16, 2016

“When Dinosaurs Ruled New York”, Science Night Live, Hofstra University, February 3, 2016

“Making Outcomes Assessment Sustainable: Three Lessons”, Middle States Council on Higher Education Annual Conference, Washington D.C., December 4, 2015

Astronomy Lecture and outdoor viewing, Seatuck Environmental Association, Islip, NY, September 18, 2015

“Sustainable Outcomes Assessment Builds on Faculty Expertise: A Tale of Two Systems”, Drexel University Annual Conference on Teaching and Learning Assessment, Philadelphia, September 11, 2015

Greentree Teachers Ecology Workshop – lectures and outdoor labs on Long Island geology, geomorphology, weather, and climate. Greentree Foundation, Manhasset, NY, July 6, 7, 13, 14, 2015

“Learning from the Impacts of Superstorm Sandy: Paleotempestology on Long Island”, Lamont-Doherty Earth Observatory Biology and Paleo Environment Seminar, March 2, 2015

Astronomy Lecture and outdoor viewing, Seatuck Environmental Association, Islip, NY, November 21, 2014

“Should Nuclear Energy be Expanded to Help Create a More Sustainable Future?” Pride and Purpose Debate, Hofstra University, November 20, 2014

Geology Program - South Fork Natural History Museum, November 15, 2014

“Recognizing past storm events recorded in sediment cores based on analysis of recent overwash lobes from Superstorm Sandy”, Stony Brook University Department of Geosciences seminar, October 8, 2014.

Greentree Teachers Ecology Workshop – lectures and outdoor labs on Long Island geology, geomorphology, weather, and climate. Greentree Foundation, Manhasset, NY, July 7-9, 2014

“Wonders of the Autumn Sky”, Seatuck Environmental Association Astronomy Lecture and Observing Session, September 14, 2013.

“The Shelter Rock Cycle and Long Island Geology”, Greentree Foundation Teachers’ Ecology Workshop, June 28, 2012; August 20, 2013.

“The Analysis and Interpretation of Fossil Vertebrate Trackways”, New York Paleontological Society, November 20, 2011.

- “Geology and Geologic History of Long Island”, Long Island Paddlers, January 18, 2011
- “Searching for Early Life in Ancient Rock”, New York State Sectional Meeting and 103rd Topical Symposium of the New York Section of the American Physical Society, Hofstra University, October 16, 2010.
- “Energy Resources and Climate Change”, Yes We Can Long Island, March 20, 2010
- “Darwin’s Voyage: From Creationist to Evolutionist”, Rutgers Humanist Chaplaincy Darwin Day event, Rutgers University, New Brunswick, NJ, February 10, 2010.
- “Jurassic Central Park: Dinosaurs in the History and Rocks of New York”, Morris-Jumel Mansion Historical Park, NYC, January 28, 2010.
- “When Dinosaurs Ruled New Jersey, Red Bank Humanists, Red Bank, NJ, January 10, 2010.
- “When Dinosaurs Ruled New York”, NYC Athiests, October 29, 2009.
- “Evolution in the Contemporary Earth Science Curriculum”, IDEAS Teachers of Science Professional Development Day workshop, November 4, 2008.
- “When Dinosaurs Ruled New York: Exploring Mesozoic Rocks and Fossils of the Tri-State Region”, IDEAS / Discovery Nights at Hofstra Public Lecture Series, February 7, 2008
- “The Evolution of Birds from Dinosaurs”, Freeport Public Library lecture, Audubon Society, December 11, 2007.
- “Charles Darwin, Evolution, and the Galápagos Islands”, LISELA (Long Island Science Education Leadership Association), April 18, 2007.
- “The Rise of the Dinosaurs”, Science Club of Long Island public lecture, Sachem Public Library, March 7, 2007.
- “The Evolution of Birds from Dinosaurs”, Islip Public Library public lecture, Seatuck Environmental Association, October 18, 2006.
- "The Geology of Mars", Cradle of Aviation Museum, Garden City, March 30, 2006.
- “The Evolution of Birds from Dinosaurs”, Jones Beach Nature Center public lecture, February 16, 2006.
- “The Evolution of Earth’s Oldest Biosphere”, Science Club of Long Island public lecture, Northport Public Library, January 19, 2006.
- “The Evolution of Earth’s Oldest Biosphere”, IDEAS / Discovery Nights at Hofstra Public Lecture Series, November 17, 2005.

- "The Geology of Mars", Nassau BOCES Teacher Training Seminar, November, 10, 2005.
- "Geological Hike at Target Rock National Wildlife Refuge", Seatuck Environmental Association field trip, October 15, 2005.
- "Dinosaurs in the 21<sup>st</sup> Century", public lecture, Northport Public Library, July 18, 2005.
- "The Tortoise and the Lava Flow: Geology and Evolution in the Galapagos Islands", Sigma Xi Fall Lecture, C.W. Post Campus, L.I.U., November 17, 2004.
- "Geology and Evolution in the Galapagos Islands", Department of Biology Seminar, Nassau Community College, November 4, 2004.
- "The Tortoise and the Lava Flow: Geology and Evolution in the Galapagos Islands", Jones Beach Nature Center public lecture, June 17, 2004.
- "The Tortoise and the Lava Flow: Geology and Evolution in the Galapagos Islands", IDEAS / Discovery Nights at Hofstra Public Lecture Series, March 18, 2004.
- "Shifting Sands: the Coastline of Long Island", public lecture and field trip, Seatuck Environmental Association public lecture, "Novice Naturalist" lecture series, December 10 and 13, 2003
- "Tracking the Interplay of Ecosystems and Evolution Through Geologic Time," Hofstra University Department of Biology Seminar Series, October 16, 2003
- "Marine Microfossils and Their Use in Understanding Earth History", lecture and workshop, New York State Marine Educators (NYSMEA) annual conference, L.I.U., Southampton, NY, May 30 - June 1, 2003.
- "Geological History of Long Island", Long Island Marine Association lecture series, February 28, 2003
- "Geological History of Long Island", Jones Beach Nature Center public lecture, February 20, 2003
- "Geological History of Long Island", South Shore Audubon Society lecture series, December 10, 2002
- "Marine Microfossils and Their Use in Understanding Earth History", lecture and workshop, New York State Marine Educators (NYSMEA) annual conference, L.I.U., Southampton, NY, June 1-2, 2002.
- "Digital 3-D in the Classroom", National Association of Geoscience Teachers, Eastern Section Meeting, Fredericksburg, MD, May 17-19, 2002

- “A Geological Tour of Long Island”, Jones Beach Nature Center public lecture, May 16, 2002
- “Geological History of Long Island”, Seatuck Environmental Association public lecture, January 16, 2002
- "Marine Microfossils and Their Use in Understanding Earth History.", lecture and workshop, New York State Marine Educators (NYSMEA) annual conference, L.I.U., Southampton, NY, June 8-10, 2001.
- "ELE: Extinction Level Events", Hofstra faculty lecture series, Herricks High School, April 3, 2001
- "The Geology of Hawai'i", Nassau BOCES Teacher Training Seminar, November 30, 2000.
- "Using Biofacies to Track Sedimentation and Eustacy: An Example from the Appalachian Basin, USA", Department of Geology and Geophysics Seminar Series, University of Chicago, May 26, 2000.
- "Paleontology and Sedimentology of the Navesink Formation at Big Brook", public lecture presented to the New York Paleontological Society, May 20, 2000.
- "Fossil Oysters and Sea-Level Change on the New Jersey Continental Shelf", public lecture presented at the State University of New York at Stony Brook, April 28, 2000.
- "Marine Microfossils and Their Use in Understanding Earth History.", lecture and workshop with Scott Rutherford, New York State Marine Educators (NYSMEA) annual conference, L.I.U., Southampton, NY, June 4-6, 1999.
- “Using Biology to Answer a Geological Question: tracking sea-level changes in an ancient sea.” Hofstra University Department of Biology Seminar Series, September 23, 1998
- “The Navesink Formation at Poricy Park and Big Brook.” public lecture presented at the Poricy Park Nature Center, Middletown, NJ, April 5, 1998
- “From Velociraptor to Living Raptors: the Fossil Record of Birds.” public lecture presented at the Liberty Science Center, NJ, August 10, 1997
- “Sea Monsters of the Mesozoic.” public lecture presented at the Liberty Science Center, NJ December 17, 1995
- “Dinosaurs in the Eastern United States.” presented at Nassau Science Explorations, May, 1995
- “The Evolution of Tetrapods.” presented at Nassau Science Explorations, May, 1994

“Community stability over long time intervals, a paleontological perspective.” Lecture presented to the Dept. of Zoology, University of Vermont, June 1992

"Ecology and evolution, which the attendant lord?" Lecture presented in the Evolution Seminar series, Dept. of Biological Sciences, Virginia Tech, March 1992

"Dinosaurs in Virginia" Lecture sponsored by the Virginia Museum of Natural History, October 1991

#### MEDIA APPEARANCES

2012 - Live on-air radio interviews providing expert commentary on Hurricane Isaac, Fox News Radio (9 separate interviews with stations around the country, August 29, 2012.

2011 - NBC 4 New York Nightly News with Chuck Scarborough, live on-air television interview in NBC studios on the expected impacts of Hurricane Irene, August 26, 2011.

2011 - WOR TV Channel 9, live on air television interview by phone on the progress of Hurricane Irene, August 27, 2011.

2011 - Live on-air radio interviews providing expert commentary on Hurricane Irene, various outlets including Fox News Radio (10 separate interviews with stations around the country), Wall Street Journal Morning Radio, and KJOY Long Island, also live video skype interview with Fox News.com, Aug. 26-29, 2011.

2011 - *Oddities* season 1, *The Chair* episode, premiered: Jan. 13, 2011, Discovery Channel, segment about a fossil walrus jaw.

2010 - *Oddities* season 1, *The Model Mortician* episode, premiered: Nov. 11, 2010, Discovery Channel, segment about dinosaur coprolites.

1994 - “Dinosaurs and Fossils.” one hour interview program on QPTV, Queens Public Television, taped August 23, 1994

1994 - “Talking Dinosaurs.” presented on “The Inquiring Naturalist” Radio call-in program, WBAI Public Radio in New York City, taped August 16th, 1994

#### MUSEUM EXHIBITS

*Climate Change and You*, Cradle of Aviation Museum, Garden City, New York. Permanent exhibit, completed October, 2012.

#### CONFERENCES DIRECTED

“One Giant Leap: Apollo 11 @ 50”, Hofstra University, April 2-3, 2019

“1935: The Reality and the Promise”, Hofstra University, April 7-9, 2011

“Darwin’s Reach: A Celebration of Darwin’s Legacy Across Academic Disciplines”,  
March 12-14, 2009

#### PROFESSIONAL APPOINTMENTS

2011 - 2016 Executive Board, New York State Council of Professional Geologists  
2002 - 2015 Webmaster, Long Island Association of Professional Geologists  
(<http://liapg.org>)  
2003 - 2007 Treasurer, Geobiology / Geomicrobiology Division, Geological Society  
of America  
1998 - 2000 Advisory Board, Annual Editions: Geology, McGraw-Hill Publishing  
1991 - 2000 Advisory Board, The Saltville Foundation Museum of the Middle  
Appalachians, Saltville, VA

#### MEMBERSHIP IN PROFESSIONAL SOCIETIES

The Geological Society of America  
Society for Sedimentary Geology  
The Paleontological Society  
The Paleontological Research Institute  
Long Island Association of Professional Geologists (LIAPG)  
New York State Council of Professional Geologists (NYSCPG)  
Sigma Xi (Scientific Research Society)  
Sigma Gamma Epsilon (National Earth Science Honor Society)