



September 1996 - Present    **Adjunct Professor**  
 Long Island University, Brookville, NY

Graduate Courses:            Groundwater Geology 518  
                                       Environmental Science 601

#### PEER-REVIEWED PAPERS

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.

#### TEXTBOOKS / LABORATORY MANUALS

- 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.

#### PEER-REVIEWED ABSTRACTS (student coauthor: \* undergraduate , \*\* high school)

- 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**, 2004. More thoughts on how to count fossils. *Geological Society of America, Abstracts with Programs*, 36 (5): 455.
- 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.
- 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 **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**, **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.
- 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**, Eustasy 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**. 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**, \*Forsberg, N., \*Schwager, K., and \*Verdi, E., 1997. Callianassid burrows and oyster accumulations in the Upper Cretaceous Navesink Formation, Central New Jersey: Paleocological and sedimentological implications. *Geological Society of America, Abstracts with Programs*, 29(6):A100
- Bennington, J Bret** and Rutherford, S. D. 1996. Calculating confidence intervals for species counts in paleocological 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.

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

**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, 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. 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.

**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**, 2001. Shell color and predation in the Cretaceous oyster *Pycnodonte convexa* from New Jersey. Long Island Geologists Conference, Stony Brook, New York, April 2001.

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**, \*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**, \*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** 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**, \*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.

#### FIELD TRIPS AND GUIDES

**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.

#### MISCELLANEOUS PUBLICATIONS

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

**Bennington, J Bret** and Merguerian, C., 2004. Physical Geology Laboratory Manual, 7<sup>th</sup> Ed.. McGraw-Hill.

**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.

#### 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

#### GRANTS AND INVITED / FUNDED WORKSHOPS

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 NSF Chautauqua Short Course for College Teachers  
New Approaches to Dinosaur Biology and Bird Origins. May 17-19, 1999
- 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 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
- 1998 Presidential Research Award, Hofstra University  
Navesink Paleontology Project. Proposal funded for \$300.00
- 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.
- 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.

#### INVITED LECTURES AND PRESENTATIONS

- “The Evolution of Earth’s Oldest Biosphere”, public lecture, Northport Public Library, January 19, 2006.
- "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.
- “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
- "Dinosaurs and Fossils." one hour interview program on QPTV, Queens Public Television, taped August 23, 1994
- "Talking Dinosaurs." presented on "The Inquiring Naturalist" Radio call-in program, WBAI Public Radio in New York City, taped August 16th, 1994
- "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

## PROFESSIONAL APPOINTMENTS

- 2003 – Present    Treasurer, Geobiology / Geomicrobiology Division, Geological Society  
of America
- 1998 - 2000      Advisory Board, Annual Editions: Geology, McGraw-Hill Publishing
- 1991 - Present    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  
Sigma Xi