

**ROBERT STEVEN PREZANT**

**December 2010**

Dean, College of Science & Mathematics  
Montclair State University  
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**EDUCATION**

Ph.D.	Marine Studies	College of Marine Studies University of Delaware Lewes, DE 19958	May 1981
M.S.	Biology	Marine Science Institute Northeastern University Nahant, MA 01908	June 1977
B.A.	Biology	Adelphi University Garden City, NY 11530	June 1973

**UNIVERSITY/ PROFESSIONAL POSITIONS HELD**

April 2001 -	Dean, College of Science and Mathematics Doctoral Faculty, Environmental Management Professor, Biology & Molecular Biology Professor, Earth & Environmental Studies Montclair State University
January 1999 – March 2001	Dean, Division of Mathematics and Natural Sciences Professor of Biology, Queens College City University of New York
Fall 1999- 2001	Doctoral Faculty Ecology, Evolution and Behavioral Biology City University of New York
Spring 2000- 2001	Doctoral Faculty, Earth and Environmental Sciences City University of New York
Fall 1999-	Research Associate, American Museum of Natural History New York City, NY
Fall 1993-Jan 1999	Chair, Department of Biology Indiana University of Pennsylvania

Fall 1992	Interim Chair, Department of Biology Indiana University of Pennsylvania
1989-1999	Director, Electron Microscopy Lab Indiana University of Pennsylvania
1986-1987	Associate Professor Biological Sciences University of Southern Mississippi (1987 moved to IUP)
1986-1987	Associate Professor Marine Science Center for Marine Science, NSTL University of Southern Mississippi
1981-1986	Assistant Professor Biological Sciences University of Southern Mississippi

### **PROFESSIONAL SOCIETIES**

1. *Phi sigma* (MSI) (1973-1977)
2. American Malacological (Union) Society (1977- )
3. American Association for the Advancement of Science (1979- )
4. American Society of Zoologists (1979-1994)
5. National Shellfisheries Association (1981-2000)
6. *Sigma xi* (1981- )
7. Mississippi Academy of Science (1981-1987)
8. *Unitas Malacologica*, International Malacological Association (1985-2000)
9. Commonwealth of Pennsylvania University Biologists (1987-99)
10. Council of Systematic Malacologists (1988-98)
11. American Conchological Society (1989-1991)
12. North American Benthological Association (1993-1995)
13. American Microscopical Society (1995- )
14. Society of Comparative and Integrative Biologists (1997- 2001, 2007- )
15. Council of Colleges of Arts and Sciences (1999- )
16. Freshwater Mollusc Conservation Society (2001-02)
17. Council for Advancement and Support of Education (2001- )
18. Metropolitan Association of College and University Biologists (2001- )
19. New Jersey Technology Council (2001- )
20. American Conference of Academic Deans (2001- )

### **AWARDS AND HONORS**

1. New York State Regent's Scholarship (1969-1973)
2. B.A. *cum laude*, Adelphi University 1973

3. C. April Scholarship, Summer Study (Ichthyology), MSI, 1976
4. A.M.U. Best Student Paper Award, 1979 (first such award for this society)
5. Selected by Provost as 1 of 4 faculty to represent IUP at National Conference on "The Scholarship of Teaching" at Iona College, NY; development of (Boyer) Teacher/Scholar model (October 1990)
6. *Phi Kappa Phi* Honor Society (1995- )
7. IUP Graduate School and Research, Sponsored Programs Award for Outstanding Achievement in Research (1997)
8. Indiana University of Pennsylvania University Professor (1998- life time title)
9. Louis B. Stokes NY Alliance for Minority Participation appreciation award, CUNY, (April 2000)

## **PROFESSIONAL ACTIVITIES**

### **Editorial**

1. Editor-in-Chief, *American Malacological Bulletin* (elected 1982-1989, re-elected 1989-1993)
2. Co-Editor, *Perspectives in Malacology* (with C.L. Counts) (1985)
3. Editor, *Entrainment of Larval Oysters* (1986)
4. Affiliate Editor, *Malacological Review* (1983-1993)
5. Managing Editor, *Proceedings of the Second International Corbicula Symposium* (1986)
6. Ad hoc Reviewer for SeaGrant (NOAA), NSF, *The Veliger*, *Malacologia*, *Malacological Review*, *Canadian Journal of Zoology*, *American Malacological Bulletin*, *Nautilus*, *Contributions in Marine Science*, *Polar Biology*, *Journal of Experimental Marine Biology and Ecology*, *Comparative Biochemistry and Physiology*, *Gulf Research Reports*, *Marine Biology*, *Molluscan Research*, *Archives of Environmental Contamination and Toxicology*, *Bulletin of Marine Science*, *Journal of Molluscan Studies*, *Acta Zoologica*, *Zoological Journal of the Linnaean Society*, *Invertebrate Biology*, *Biofouling*, Florida Game and Fresh Water Fish Commission, Academic Press, State System of Higher Education of Pennsylvania, Connecticut Sea Grant, Maryland Sea Grant
7. Publications Committee Chair and Publications Editor, American Malacological Union (1982-1993). Publications Committee (1996-2002)
8. Board of Editors, *American Malacological Bulletin* (1999 -2002)
9. Book Review: *Concepts in Zoology*, 2nd Edition Units II, IV Harper Collins College Publishers (1994)
10. Book Review: *Mollusks*, 2nd Edition. American Fisheries Society Special Publication (1996)
11. Preliminary Content Reviewer: *Mollusks*, Compass Point Books, grades 5-8 Animal Kingdom Series (2005).
12. Book Review: *Thinking Differently: A 21<sup>st</sup> Century Imperative*. Harvard University

Press (2008)

**Other (non-University) Professional Activities**

1. American Malacological Society [formerly American Malacological Union]
  - a. President, 1998-1999; President-elect 1997-1998; Vice President 1996-1997
  - b. AMS Executive Council Member (1982-1993, 1996-2003)
  - c. AMS Committee on Council Reorganization (1988-1989)
  - d. AMS Nominations Committee (1990, 2000)
  - e. Chair, Best Student Paper Committee (1993,1994, 1996,1997)
  - f. *American Malacological Bulletin*, Board of Reviewers (1995-1999)
  - g. AMS Constitution and Bylaws Committee (1996-97; 2001-02, 2004-2007)
  - h. AMS Student Research Awards Committee Chair (1997, 1998)
  - i. AMS Auditing Committee Chair (1997-98)
  - j. *American Malacological Bulletin* Board of Editors (1998-2004)
  - k. Chair, *American Malacological Bulletin* Board of Editors (2002-2004)
  - l. Student Awards Committee (2002)
  - m. Membership Committee (2002-2006)
  - n. Executive Council, former President (5-10 years) (2004-06)
2. Invited Participant: 1985 Brown Publishing Company, Development of General Zoology Text, Baltimore, Maryland
3. Invited Participant: 1985 Malacological Symposium honoring Professor M. R. Carriker, Newark, Delaware (*Molluscan Mucins: A Unifying Thread*)
4. Invited Panel Member: 1983 Second International *Corbicula* Symposium, Little Rock, Arkansas (*What We Don't Know About Corbicula*)
5. Organizer: 1982 *Symposium on Shell Formation and Microstructure*, American Malacological Union Meeting, New Orleans, Louisiana
6. Best Student Paper Award Committee, American Society of Zoologists (1983, 1985-1988) and American Malacological Union (1985-1989, 1993, 1996-1998, 2002)
7. Session Chair for many meetings of American Society of Zoologists, American Malacological Union/Society and Commonwealth of Pennsylvania University Biologists
10. Co-organizer session on *Bridging Research and Teaching in Universities Making the Next Transition* (November 2002) CCAS meeting, San Francisco.
11. Co-organizer Passaic River Symposium, "Who's Doing What?" Cosponsored by Passaic River Institute at Montclair State University and Office of Maritime Resources, NJ Department of Transportation. (June 2004). Montclair, NJ
  - i. Opening Remarks, Biological Communities
12. Co-organizer session on *Outreach Programs* at the CCAS 2004 conference, San Antonio (November 2004)
13. Organizer and presenter panel session on *Academia and Industry*. CCAS meeting Chicago (November 2007)

14. Invited council member, program development, Hudson Bay at 400 years. Henry Hudson 400 New York and Amsterdam & New Jersey; Liberty Science Center. (2007 - 2009)
14. CCAS Committee on Comprehensive Institutions (2008-2009)
15. Panel presentation: Sustaining Interdisciplinary programs in a Universe (or at least a university) of Disciplines. CCAS 2009 conference Baltimore (November 2009)
16. Committee for inclusion of Israel in High School Curriculum. NJ JCC. (2010)
17. Marine Field Station Advisory Council, Florida Gulf Coast University (consultation) (2010)
18. Passaic River Basin Flood Advisory Commission. Gubernatorial appointment; Nominated and appointed May 2010
19. Panel presentation: Variable Workload Models. CCAS 2010 conference, New Orleans (November 2010)

### **SELECT INVITED PRESENTATIONS**

1. Medical Innovation Roundtable with Congressman Frank Pallone, Chairman of the Subcommittee on Health, Committee on Energy and Commerce. Monmouth University 15 October 2010.
2. Evolution – Creation and the First Amendment. Constitution Day Panel 14 September 2010.
3. Molluscan Community and Population Structure in an Urban Pond in the Lower Passaic River Watershed, New Jersey. Passaic River Symposium 2010. (June 2010)
4. Lantern shells and shipworms of Thailand: ecological base and threats to sustainability. MSU Sustainability Seminar Series. (September 2009).
5. “Green” Efforts at the State’s Second Largest University. Solid Waste Resource Renewal – Essex County Food Waste and School Recycling Forum, MSU, N.J. (June 2008).
6. Best Practices in Diversifying the Student Body and Faculty: The Dean’s Role. Sponsored by CCAS Cultural Diversity Committee, CCAS Conference, Portland, OR 2008.
7. *Evolution and the Holocaust: Subverting Science*. Metrowest Jewish Community Center, N.J. Teachers and community program. (October 2006).
8. *Differentiated Faculty Workloads: Models for Individualized Faculty Effort*. Organized by Denise A. Battles, Georgia Southern University. CCAS Conference (November 2004)
9. Keynote lecture, The Urban Dimensions of Environmental Change: Science, Exposures, Policies and Technologies, East China Normal University, Shanghai, China (May 2004) “*Can we save the urban river?*”
10. Welcome remarks Computing Science in Colleges (October 2003)
11. Keynote lecture, *Tri Beta, Chi Iota* Chapter, Worcester State College (Dec. 2002) “*Adult dispersal of hard clams on St. Catherines Island: Metapopulations,*

- alligators, Button Gwinett, and Life on the Plantation*”
12. Keynote lecture, *Phi Kappa Phi* at MSU (April 2002) “*Parsimony: A rule in phylogeny – an enigma beyond*”
  13. Keynote lecture, *Phi Beta Kappa* Induction, Queens College, CUNY (May 1999) “*Environment and Shell Form*”
  14. Welcoming remarks: *Upsilon Pi Epsilon*, Computer Science Honor Society, Induction, Queens College (May 1999)
  15. Keynote address, IUP Honors Convocation (1998) “*What Kind of Hero?*”
  16. Invited speaker, 1991 International Symposium on Bivalve Molluscs, *Future Trends*, University of California, Berkeley, (1991)
  17. Invited Speaker: 1990 American Society of Limnology and Oceanography Symposium on Exotic Molluscs. Williamsburg, Virginia (*Corbicula Drift, Habitat and Microstructural Shift*)
  18. Invited Speaker: 1986 Mississippi Academy of Sciences (Mississippi Molluscs)
  19. Invited Speaker: 1986 Unitas Malacologica Meeting, Edinburgh, Scotland (*Bivalve Mucins: Form and Function*)
  20. Invited Speaker: 1986 Gulf Coast and Atlantic States Shellfish Conference, Biloxi, Mississippi (*Entrainment of Oyster Larvae by Dredges: A Review*)
  21. Invited seminar speaker for numerous University and society seminar programs, including: *Sigma Xi*, *Tri Beta* Biological Honor Society, Philadelphia Shell Club, University of New Orleans, University of Miami, University of Michigan, USM Graduate Student Forum, IUP Biology Club, Smithsonian, University of Maryland Eastern Shore, Alfred University, Chicago Field Museum, Philadelphia College of Pharmacy and Science, East Carolina University, Muhlenberg College, George Mason University, Towson State University, University of North Carolina at Wilmington, etc.

## **GRANTS AND FUNDED RESEARCH/PROGRAMS**

### **AWARDED/FUNDED**

- 2010-2012. College of Science and Mathematics Science Honors Innovation Program (SHIP) – Student travel and summer stipends. Merck & Co., Inc. R. Prezant, P.I. (\$160,000).
- 2010-2011 College of Science and Mathematics Science Honors Innovation Program (SHIP) – Student research. Roche Pharmaceuticals Foundation. R. Prezant, P.I. (\$120,000).
2010. Lower Passaic River Restoration Project – CPG Oversight - Benthos. Subcontract from The Louis Berger Group, Inc. (\$5,850).
- 2009-2011. Institute for Sustainability Studies. A partnership proposal for Montclair State University and Public Service Electric & Gas Company. M. Weinstein, R. Prezant. PSE&G. (3 year initiative) (\$400,000).
- 2009-2014. Garden State AMPS: New Jersey Louis Stokes Alliance for Minority

- Participation in the Sciences. Administrative lead Alexander Gates, Rutgers University. Montclair State University, Robert S. Prezant co-P.I. Multiple N.J. institutions. (\$5,000,000) MSU is lead institution of Northern "Cluster". National Science Foundation. (MSU: \$560,000).
- 2009-2010. Wall Streeter to Math Teacher: An intensive program at Montclair State University to prepare second career mathematics teachers for New Jersey. A.B. Cutler and R.S. Prezant. (\$400,000). New Jersey Department of Education and NJ Department of Labor.
- 2009-2010. Novartis Scholars Initiative. R.S. Prezant P.I. (with Mark Heimedinger). Novartis Pharmaceuticals, Corporation. (\$39,500).
- 2009-2010. Buchalter Foundation funds for Science Student Scholarships. \$25,000.
2008. Investors Savings Bank Foundation: Undergraduate Research Initiative. R.S. Prezant (P.I.) (with Mark Heimedinger). (\$7,500).
- 2006-07. Historically Black Colleges and Universities Recruitment Initiative. Recruitment into graduate programs within College of Science and Mathematics. Carolyn Jones, R. Prezant. Roche Foundation (\$5,000).
- 2006-07. Hoffman-LaRoche/Montclair State University Middle School Excellence in Science and Mathematics Teaching Excellence Awards. Co-P.I.: R. Prezant, A. B. Cutler. Hoffman-LaRoche Foundation. (\$20,000).
- 2005-06. Distribution of *Corbicula fluminea* in New Jersey. N.J. Sea Grant Development Award. R. Prezant (P.I.), E. Chapman (\$5,000).
2005. The Segway HT – Segway in the classroom: A ride to learn opportunity. Judy and Josh Weston Foundation. Equipment loan proposal.
- 2003-04. BMS Science Learning and Education Center. Bristol-Myers Squibb. J. Willis and R. Prezant. (\$500,000).
2003. 800 MHz NMR Consortium (Rutgers University, Montclair State University, Princeton University). NSF Major Equipment. \$874,250. [multiple authors within consortium concept; Rutgers was lead institution; at MSU: J. Toney, J. Isidor; R. Prezant coordinated, edited and wrote overview for MSU]
- 2003-2004. Stormwater catchment modifications of the Lafayette Avenue/Edgewater Road Bronx River Corridor: increasing biodiversity and ecological productivity through roadway and shoreline ecological engineering and restoration. NOAA. P. S. Mankiewicz (P.I.), The Gaia Institute, R. Prezant (MSU), Hugo Neu Schnitzer East (Sam Schwartz Co.)(\$18,000)
- August 2000-October 2001. Freshwater mollusc and crayfish survey on West Point Military Reservation. Subcontract from MATRIX Environmental & Geotechnical Services. (\$22,372)
- 2000-2001. Comparative coastal biodiversity of Long Island's North Shore. PSC-CUNY-31 (\$4,687).
- January 1998-July 1999. Bernice Barbour Foundation *American Malacological Society* Student Travel Grants. (\$3,000) awarded to support student travel to annual meeting of society (R. Prezant, AMS President and P.I.).
- July 1998 - August 1999. A quantitative and temporal bioassessment of marine invertebrates of St. Catherine's Island. (\$6,796) State System of Higher

- Education, Faculty Professional Development Council.
- July 1998-June 1999. A baseline study of an erosional impacted stream, Rairigh Run, Pennsylvania. (\$5,000) Coldwater Heritage Partnership Program. W. Brenneman and A. Hulse (Co. P.I.s).
- May 1997-May 1998. Sponsored Program Award for Outstanding Achievement in Research. (\$500).
- June 1997-June 1998. Variation in the brood of a large, live-bearing snail: Environmental implications. (\$5,175) Faculty Professional Development Committee- State System of Higher Education.
- July 1996-May 1998. Comparative study of bivalve statocysts: form and function. (\$3,474) Senate Fellowship Research Award.
- August 1996-August 1997. Freshwater mussel mother-of-pearl as a monitor of thermal environments. (\$5,536) Faculty Professional Development Committee State System of Higher Education.
- June 1995 - November 1996. (Co.P.I.) Biology curriculum revision linkage to renovated facilities. (\$738,168). NSF Infrastructure Grant. C. Luciano (Co.P.I.) and R. Marx (IUP Campus Planning Office, Program Manager).
- July 1994 – December 1997. Inventory of marine/estuarine benthic invertebrate communities, Assateague Island National Seashore, Maryland. (\$256,139). Cooperative Agreement Department of Interior, Maryland Department of Parks, C.L. Counts, Co.P.I. National Park Service
- February 1996 - January 1997. Epifouling communities of St. Catherines Island. (\$6930). E.J. Noble Foundation (P.I.: Co-Investigators, R.Toll, Wesleyan College, H.B. Rollins, U. Pittsburgh).
- August 1994 - July 1995. Modification of shell microstructure in the zebra mussel grown in various thermal regimes: an environmental monitor. (\$3479). IUP Senate Fellowship Grant.
- June 1993 - May 1994. Morphological and microstructural differentiation of the quagga, a recent Great Lakes invader, from the zebra mussel. (\$5449). Faculty Professional Development Council, SSHE.
- June 1993 - May 1994. Comparative shell microstructure and mantle histology of the invasive quagga and zebra mussels. (\$3422). IUP Senate Fellowship Grant.
- May 1992 - June 1993. Impact of zebra mussels on native unionids. (\$3495). IUP Senate Research Fellowship.
- January 1992 - December 1992. Coastal biodiversity: St. Catherines Island as a model. (\$5900). E. J. Noble Foundation (P.I.: Co-Investigators, R. Toll, U. South, H.B. Rollins, U. Pittsburgh).
- November 1991 - March 1994. Point bars on St. Catherines Island as recruitment sites for hard clams. (\$6000) E.J. Nobel Foundation (Co-PI with H. B. Rollins, U. Pittsburgh, R. Toll, U. South).
- August 1990 - July 1991. Recruitment and population dynamics of hard clams on St. Catherines Island, Georgia. (\$5000). E.J. Noble Foundation, American Museum of Natural History. (P.I.: Co-Investigators, R.Toll, U. South, H.B. Rollins, U. Pittsburgh)

- July 1990 - June 1991. Heavy metals in molluscs: a view of historic and recent pollution impacts. (\$4100). State System of Higher Education, Professional Development Grant.
- August 1989 - August 1990. Dispersal and dynamics of hard clams on St. Catherine's Island. (\$5200). E. J. Nobel Foundation. (P.I.: Co-Investigators; H. B. Rollins, U. Pittsburgh, R. Toll, U. South).
- August 1989 - June 1990. Review of familial ordination of the marine bivalve superfamily Pandoracea. (\$3155) IUP Grant for Research and Scholarly Activity.
- January 1989. Population dynamics and ecology of *Mercenaria mercenaria* from unique habitats of St. Catherine's Island, Georgia. (\$700). E. J. Nobel Foundation. Joint preproposal with H. Rollins, Geology, University of Pittsburgh, R. Toll, Biology, University of the South).
- January - April 1989. Additional support for development of scanning electron microscopy facility at IUP. (\$72,000). [with J. Taylor and K. Cercone, Geoscience Department]. Monies compiled from variety of external and internal sources.
- September 1988. Aid in the development of scanning electron microscopy facility at IUP. (\$10,000). [with J. Taylor and K. Cercone, Geoscience Department]. Cabot Oil and Gas Foundation.
- September - December 1988. Functional morphology and reproductive ecology of an Antarctic bivalve mollusc. IUP Grant for Research and Scholarly Activity. (\$3300).
- September 1987 - June 1988. IUP Developmental funds for initiation of research program: Ecology of Antarctic bivalves; Functional microstructure of bivalve shell; Heavy metal uptake in freshwater mussels and limpets. (\$11,500).
- June - August 1986. Environmental modification of molluscan shell microstructure; a baseline study. Army Corps of Engineers, Waterways Experiment Station (\$20,000).
- January - June 1986. Biomineralization and shell microstructure of Antarctic bivalves. U.S.M. Research Foundation (\$2700).
- January - June 1986. Entrainment of larval oysters during dredging operations, Chesapeake Bay. Army Corps of Engineers, [WES] (\$3700).
- June - August 1985. Environmental modification of shell microstructure; a review. U.S.M. Research Council. (\$3700). [funding declined due to summer over commitment].
- May 1985 - June 1986. Symposium on oyster larvae entrainment. Ecology Division, Waterways Experiment Station, Vicksburg, MS, Army Corps of Engineers (\$50,000).
- January - December 1984. Environmentally induced intraspecific variation in bivalve shell microstructure. U.S.M. Research Development Grant (\$2800).
- February 1983 - January 1984. Thermally induced changes in shell microstructure and color of *Corbicula c.f. fluminea*. U.S.M. Research Development Grant (\$3,800).
- December 1981 - November 1982. Antipredation secretions of Mississippi Sound and northern Gulf of Mexico benthic invertebrates. U.S.M. Research Development

Grant (\$2820).

September 1978 - August 1979. Ultramorphology, mineralogy, and elemental composition of shell of oysters cultured in controlled and natural systems. M .R. Carriker, P.I.; Sea Grant/Mariculture, R/A-13 (University of Delaware). [Graduate Assistant].

September 1977 - May 1978. The effects of organic constituents on marine invertebrates; preliminary research and organization. M.R. Tripp, P.I.; National Science Foundation (University of Delaware).[Graduate Assistant].

July 1973 - October 1974. Benthic baseline study of Massachusetts Bay dredge spoil dumping grounds; Benthic biota, granulometry, water chemistry. N.W. Riser, P.I.; Army Corps of Engineers, DACW33-73-C-0153 (Northeastern University). [Graduate Assistant].

### **PRIMARY TEACHING EXPERIENCE**

(U = upper undergraduate, u = lower undergraduate, G = graduate level)

Montclair State University (Spring 2003 - )

1. Phylogenetic Zoology (with S. Kight, U,G)
2. Malacology (U,G)
3. Honors Seminar in Science (u) [Exobiology]

Graduate (Research Thesis Advisor) Students at MSU:

1. Mr. Eric Chapman, Intertidal benthos of Caumsett State Park, North Shore, Long Island, New York. [2004]
2. Ms. Katie Vazquez, Correlative GIS examination of NJ distribution of *Corbicula fluminea*. [2009]
3. Ms. Rebecca Shell, doctoral student – comparative epifouling [2009- ]
4. Ms. Inês Correia Rosa, doctoral student Universidade de Aveiro, Portugal (external reader and consult) – dissertation proposal approved 2009
5. Ms. Diana Sanchez, diphenhydramine influence on helisomid development [2009- ]

Queens College, CUNY (Spring 2000 - Fall 2001)

1. Honors in Mathematics & Natural Sciences, Seminar I (u,U)
2. Marine Invertebrate Zoology (U,G) [Field course at Queens College Center for Environmental Teaching and Research, Caumsett State Park – summer 2000]
3. Evolutionary Perspectives in Biodiversity (G)

Indiana University of Pennsylvania (Fall 1987 - Fall 1999)

1. Animal Biology (u, U)
2. General Biology [lab] (u)
3. Invertebrate Zoology (U & G = graduate)
4. Animal Form and Function, Evolutionary Implications (G)

5. Marine Biology (U & G)
6. Marine Biology @ Wallops Island Marine Science Consortium (U & G)
7. Marine Invertebrates @ Wallops Island Marine Science Consortium (U & G)
8. Instrumentation: Scanning Electron Microscopy (G & U)
9. Biology of Molluscs @ Wallops Island Marine Science Consortium (U & G)

University of Southern Mississippi (September 1981 - August 1987):

1. Invertebrate Zoology I, II (UG)
2. Biological Oceanography (UG)
3. Marine Biological Science (U & G) [taught at National Space Technology Laboratory]
4. Marine Ecology (G)
5. New England Marine Field Diversity (field course) (U & G)
6. Biology of Mollusca (G)
7. Introduction to Ocean Science (u)
8. General Zoology (u)
9. Scientific Writing (G)
10. Biological Sciences Seminar Series (G)

University of Delaware (September 1979 - December 1980):

1. Comparative Invertebrate Histology and Ultrastructure (G)
2. Histological and Ultrastructural Techniques (G)

### **WORKSHOPS OFFERED**

1. Scanning Electron Microscopy. Indiana University of Pennsylvania (for faculty and graduate students). (December 1989, November 1990, May 1994).
  2. Nonindigenous species. Indiana University of Pennsylvania (for regional High School science teachers). Funding from Department of Environmental Resources. T. Lord (P.I.). (August 1994).
  3. Research Support Services. Invited Contributor to roundtable discussion on research development. (May 1996). IUP.
  4. Changing Arts & Sciences Colleges: Teaching and Research in the Balance. Co-developer with Dr. Richard Gigliotti, Dean, College of Humanities and Social Sciences at Montclair State University. R. Prezant, Program Moderator. Session at Annual Meeting of the Council of Colleges of Arts and Sciences (San Francisco, CA; November 2002)
  5. Brownfields and Restoration Redevelopment Effort in Northern New Jersey. New Jersey Technology Council at Montclair State College of Science and Mathematics. Developed and moderated panel discussion. April 2004.
1. Outreach or Overreach? The Role of the Dean's Office in External Programming. Organizer for CCAS (San Antonio, TX; November 2004)
  2. New Jersey crisis in recruiting and retaining precollege STEM teachers - a

workshop. MSU. Hosted by A. Cutler, R. Prezant, R. Steinbaum, J. Doolan. March 7, 2008.

### **PEER REVIEWED PUBLICATIONS**

- Prezant, R.S., H.B. Rollins and R.B. Toll. 2010. Post-settlement dispersal and dynamic repopulation of estuarine habitats by adult *Mercenaria mercenaria*, St. Catherines Island. Chapter 12 IN: Geoaerchaeology of St. Catherines and the Georgia Bight. G.A. Bishop, H.R. Rollins and D.H. Thomas (editors). *American Museum of Natural History Anthropology Paper*. pp. 237-245.
- Counts, C.L., R.S. Prezant and E. Chapman. 2010. A critical checklist of Atlantic coastal Maryland invertebrates: decapod Crustacea (Arthropoda: Decapoda). *The Maryland Naturalist*. .In Press.
- Prezant, R., C. Sutcharit, K. Chalermwat, N. Kakhai, T. Duangdee, and P. Dumrongrojwattana. 2008. Population study of *Laternula truncata* (Bivalvia: Anomalodesmata: Laternulidae) in the mangrove and sand flat of Kungkrabaen Bay, Thailand with notes on *L. cf. corrugata*. Proceedings of the International Marine Bivalve Workshop, Chanthaburi, Thailand. R. Bieler, K. Chalermwat, P. M. Mikkelsen, T. Koh Siang and F. E. Wells, eds. *The Raffles Bulletin of Zoology*: 18: 57-73.
- Rollins, H., R. S. Prezant and R. Toll. 2008. Human exploitation of the quahog *Mercenaria mercenaria* in Eastern North America: Historical patterns and controls. *British Archaeological Reports International Series - Early Human Impact on Megamolluscs* (A. Antczak and R. Cipriani, eds.): 1865: 23-32.
- Prezant, R.S., E.J. Chapman and A. McDougal. 2006. *In utero* predator-induced responses in the viviparid snail *Bellamyia chinensis*. *Canadian Journal of Zoology* 84(4): 600-608.
- Prezant, R.S. 2006. Can we save the urban river? Pages 206-217 In: H. Feng, L. Yu and W. Solecki, eds., *Urban Dimensions of Environmental Change: Science, Exposures, Policies and Technologies*. Science Press and Science Press U.S.A.
- Bieler, R., P. M. Mikkelsen & R. S. Prezant, 2005. Byssus-attachment by infaunal clams: Seagrass-nestling *Venerupis* in Esperance Bay, Western Australia (Bivalvia: Veneridae). Pages 177-197. Prezant, R.S. and E. J. Chapman. 2004. Molluscs of the U.S. Military Academy Drainages (West Point, New York) and comparative regional biodiversity of gastropods. *Northeast Naturalist*. 11: 273 - 294.
- Toll, R. B., R.S. Prezant and H.B. Rollins. 2003. A novel method for locating tagged infaunal bivalves: Submersible pulse technology metal detectors *Journal of Shellfish Research* 22(2): 501-503.  
[http://shellfish.org/files/public/JSR22n2\\_p501.pdf](http://shellfish.org/files/public/JSR22n2_p501.pdf)
- Prezant, R.S., R. Toll and H.B. Rollins. 2002. Marine macroinvertebrate diversity of St. Catherines Island, Georgia, U.S.A. *American Museum Novitates* No. 3367: 1-31.

- <http://diglib1.amnh.org/novitates/i0003-0082-3367-01-0001.pdf>
- Prezant, R.S. and C.L. Counts. 2002. Mollusca of Assateague Island, Maryland and Virginia: Additions to the fauna, range extensions, and gigantism. *The Veliger* 45: 337-355.
- Cleveland, C., R.S. Prezant, H. B. Rollins, R. Toll and J. Wylie. 2001. Mass exhumation and deposition of *Mulinia lateralis* on an intertidal beach of St. Catherines Island. *The Veliger* 45: 65-70.
- Keating, S.T. and R.S. Prezant. 1998. Effects of stream chemistry on the distribution, growth and colonization of diatoms on the freshwater limpet *Ferrisia rivularis*. *Journal of Freshwater Ecology* 13: 67-77.
- Prezant, R.S. (1998). Four invited chapters for Mollusca: The Southern Synthesis, Part A, Fauna of Australia Volume 5. Australian Biological Resources Study, Australian Government Publishing Service:
1. *Class Bivalvia* (Chapter 4). Co-authors B. Morton and B. Wilson, pp. 195-234.
  2. *Palaeoheterodonta, Introduction* (Chap. 7), pp. 289-294.
  3. *Heterodonta, Introduction* (Chapter 8), pp. 301-307.
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