

BENJAMIN J. GREENSTEIN, Ph.D.

Professor of Geology

Cornell College, 600 First Street SW, Mt. Vernon IA, 52314
(319) 895-4307; bgreenstein@cornellcollege.edu

Education

Ph.D. Geology; University of Cincinnati, 1990

M.S. Geology; University of Cincinnati, 1986

B.A. Double major: Geology and Film Studies; University of Rochester, 1983

Post-Doctoral Study

Harvard University

Institutes for Higher Education - Management Development Program, Cambridge, MA 2013

Washington Center

National Summer Institute on Learning Communities, Evergreen State College, WA 2015

Associate Dean of the College 2012-2017

Associate Dean of the College and Professor of Geology, Cornell College, 2012-present

- Member, President's Council
 - Work with the senior leadership team in all aspects of college operations including budgeting, planning, personnel, facilities, and enrollment management
 - Wrote successful grant to the Andrew W. Mellon Foundation (\$500,000) to launch the Cornell Summer Research Institute, including faculty development opportunities in the digital liberal arts
 - Co-authored case statement for \$59M campaign for West Science Center expansion and renovation; presented, with the President, a request for \$5M grant from the Hall-Perrine Foundation to partially support construction.
 - Member West Science design steering committee – liaison between science/engineering faculty and architecture firm through programming, schematic design and design development phases.
 - Implemented plan for expanding diversity of faculty candidate pool
 - Director, Cornell Summer Research Institute, 2015-present
 - Designed summer academic program for high school students
- Chair, Strategic Planning Committee - authored *A Strategic Plan for Growth: Cornell College 2013-2021* – endorsed by the faculty and trustees, May, 2013
 - Drafted new Vision, Mission and Core Values statements for the college
 - Guided establishment and implementation of all-college educational priorities and outcomes
 - Led implementation of academic initiatives (assessment and adoption of curricular additions by the faculty, summer online courses, task force on experiential learning)
 - Worked with senior leadership team to draft implementation timeline and financial projections
 - Worked with Board of Trustees to secure funding for strategic plan initiatives
 - Authored strategic planning updates, 2014, 15, 16 – including budget projections

- Primary responsibility for Office of International and Off-Campus Studies, Office of Academic Support and Advising, First-Year Programming, Faculty Development, Fellowships and Scholarships, and campus liaison to ACM consortium
 - Centralized support mechanisms for experiential learning, integrated experiential learning into developmental model for academic advising
 - Led reorganization of First-Year Seminar program
 - Increased number of students participating in Cornell off-campus courses by 19% over four years
 - Implemented series of faculty workshops to integrate all-college objectives for first-year seminars into seminar assignments
 - Led pilot program for online learning communities for First-Year Seminars
 - Led re-organization of academic component of new student orientation
 - Launched formal graduate Fellowship and Scholarship program (doubled the number of fellowship applicants in second year, 25% Fulbright Scholarship success rate, first Boren Award to Cornell student in 15 years)

Professional Experience

Assistant (1997), Associate (2000) and Full Professor (2006) of Geology, Cornell College

Committee on Administration, Chair (elected) 2007-09, Member 1999-2000

- Implemented change in governance policy for reappointment, tenure and promotion
- Performed analysis of functions within the Office of Academic Affairs (resulted in re-structuring of office, including addition of a staff support position)
- Designed and implemented Millennium Salary Plan

Ad Hoc Committee on Curricular Enhancement, Chair (elected), 2005-2006

- Implemented First-Year Programming, including First-Year Seminars and Writing Across the Curriculum
- Initiated changes to the college's general education requirements
- Drafted call for proposals for five new faculty positions consistent with curricular needs

Environmental Studies Program, 1997-present (Interim Director, 2015-16; 2006-07)

- Co-authored successful grant to Andrew W. Mellon Foundation (\$316,000) to expand course offerings in Environmental Studies. Appointed as Faculty Coordinator of Bahamas Field Station subsequent to funding and organized a workshop on teaching courses in the Bahamas. Four courses in the humanities were developed
- Led complete re-design of the Environmental Studies major as Interim Director, 2006-2007
- Designed concentration in Marine Science

Department of Geology, Chair, 2000-2003, 2006-2009

- Conducted successful searches for two colleagues, led departmental reviews and served on the college's tenure and promotion committee during the promotion and tenure process for each of them
- Oversaw planning and execution of renovations to geology building
- Reactivated chapter of national geology honor society
- Revived formal honors program

Previous Professional Experience

Visiting Assistant Professor of Geology, State University of New York at Cortland, 1996-1997
Assistant Professor of Geology, Whittier College, 1995-1996
Assistant Professor of Geology (non-tenure-track), Smith College, 1990-1995

Teaching Award

Smith College Faculty Teaching Award, 1995

Fellowships

University of Queensland, Centre for Marine Studies, Visiting Scholar, 2007
University of Western Australia, Visiting Research Fellow, 2003-04
Smithsonian Institution, National Museum of Natural History, Visiting Scientist, 2001
Australian Institute of Marine Science, Visiting Investigator, 1992-93
University of Cincinnati Research Council, Summer Fellow, 1987-88

Marine Scientific Research

2012: Western Australia: Evidence for rapid sea level change during Late Pleistocene time
2010-2011: Curaçao, Netherlands Antilles: Efficacy of the Curacao Underwater Park
2009: San Salvador, Bahamas: Effects of coastal development on benthic molluscan communities
2003-2009: Western Australia: Response of reef building corals to climate change
2002: Belize, Central America: Efficacy of the Hol Chan Marine Preserve
2001; Belize, Central America: AGRRA-RAP Reef survey initiative
2000: San Salvador, Bahamas: Effect of Hurricane Floyd on degraded vs. non-degraded coral reefs
1999: Belize, Central America: Effect of El Nino and Hurricane Mitch on Belizean reefs
1998: San Salvador, Bahamas: Shifting ecological baselines and the decline of *Acropora cervicornis*
1995: Great Barrier Reef, Australia: Precedence for outbreaks of the Crown-of-Thorns Starfish
1994-96: Florida Keys: Community structure of living vs. dead coral reef communities
1993: Northeast Florida Strait: Community structure of deep-water echinoderm communities
1992-93: Great Barrier Reef, Australia: Precedents for outbreaks of Crown-of-Thorns Starfish

External Grants (\$1,678,574)

2014 Andrew W. Mellon Foundation, \$500,000
2010: Iowa College Foundation, \$3,500
2009: Andrew W. Mellon Foundation (with R. Denniston) \$316,000
2007: Centre for Marine Studies, University of Queensland, \$2,500
2003-06: Petroleum Research Fund - American Chemical Society, \$50,000
2003-04: Petroleum Research Fund - American Chemical Society. \$50,000
2001: National Science Foundation (R. Denniston, co-PI), \$97,826
1998-2000: Culpeper Foundation (with colleagues at Smith College), \$225,000
1998: Paleobiological Fund, \$4,000
1995-96: Nat'l Oceanographic & Atmospheric Admin. (J. Pandolfi, co-PI), \$287,748
1994: Nat'l Oceanographic & Atmospheric Admin. (J. Pandolfi, co-PI), \$140,000
1992-93: Australian Institute of Marine Science, \$6,000

Internal Grants - Cornell College (\$60,775)

2016: Cornell College Mellon Foundation Curriculum Enhancement Grant, \$2500
2012: Cornell College Mellon Foundation Planning Grant, \$4,000
2011: Cornell College Campbell R. McConnell Fellowship. \$10,000
2010: Cornell College Student-Faculty Collaborative Research Grant, \$4,500
2009: Cornell College Student-Faculty Collaborative Research Grant, \$4,500
2007: Cornell College Student-Faculty Collaborative Research Grant, \$4,500
2006: Campbell-McConnell Research Grant, Cornell College, \$3,825
2005: Cornell College Student-Faculty Research Grant. \$4,000
2005: Cornell Faculty Research Grant, \$1,200
2003: Cornell College Campbell R. McConnell Fellowship. \$10,000
2003: Cornell College Student-Faculty Research Grant, \$3,500
2002: Cornell College Faculty Research Grant, \$1,500
2001: Cornell College Faculty Research Grant, \$750
2001: Cornell College Student-Faculty Research Grant, \$3,000
1999: Cornell College Student-Faculty Research Grant, \$3,000

Reviewer for:

Atoll Research Bulletin
Australian Research Council
Caribbean Journal of Science
Coral Reefs
Dept. of Environmental Conservation, Western Australia
Geology
Geological Society of America Special Papers Series
Journal of Paleontology
Lethaia
National Geographic Society
National Science Foundation
National Undersea Research Program
Palaeogeography, Palaeoclimatology, Palaeoecology
Palaios
Paleobiology
Petroleum Research Fund
Science

Publications (** denotes student co-author)

19 Peer-reviewed journal articles (8 student co-authors)
19 Articles in peer-reviewed edited volumes (9 student co-authors)
2 Book reviews
59 Abstracts – professional meetings (29 student co-authors)

Journal articles

Tepper, C., **Squiers, L., **Hay, C., **Gorbach, D., **Friend, D., Black, B., **Greenstein, B.**,
**Strychar, K., 2012. Cryptic species: A mismatch between genetics and morphology in
Millepora. Marine Science 2(5): 57-65.

- Wyrwoll, K-H., **Greenstein, B. J.** and Kendrick, G. 2009, The palaeoceanography of the Leeuwin Current. Leeuwin Current: Implications for a future world. *Journal of the Royal Society of Western Australia*. 92(2): 37-51.
- Greenstein, B. J.**, and Pandolfi, J. M. 2008, Escaping the heat: Range shifts of reef coral taxa in coastal Western Australia. *Global Change Biology* 14: 513-528.
- Greenstein, B. J.**, Pandolfi, J. M. and Blakeway, D. R., 2005, A fossil reef from the Last Interglacial, Western Australia. *Coral Reefs* v. 24 (4): 593.
- Greenstein, B. J.** and Pandolfi, J. M., 2003, Taphonomic alteration of reef corals: Effects of reef environment and coral growth form II: The Florida Keys. *Palaios* v. 18 (6): 495-509.
- Meyer, D. M., **Bries, J. M., **Greenstein, B. J.**, and Debrot, A. O., 2003, Preservation of *in situ* reef framework in regions of low hurricane frequency: Pleistocene of Curaçao and Bonaire, southern Caribbean. *Lethaia* 36(3): 273-286.
- Greenstein, B. J.**, 1999, Using the fossil record to approach modern ecological problems: A case study for coral reefs. *American Paleontologist* v. 7(1): 2-4.
- Greenstein, B. J.**, Curran, H. A., and Pandolfi, J. M., 1998, Shifting ecological baselines and the demise of *Acropora cervicornis* in the western North Atlantic and Caribbean Province: A Pleistocene Perspective. *Coral Reefs*, v. 17(3): 249-262.
- Greenstein, B. J.**, **Harris, L. A., and Curran, H. A., 1998, Comparison of recent coral life and death assemblages to Pleistocene reef communities: Implications for rapid faunal replacement observed on modern reefs. *Carbonates and Evaporites*, v. 13(1): 23-31.
- Pandolfi, J. M. and **Greenstein, B. J.**, 1997, Preservation of community structure in death assemblages of deep water Caribbean reef corals. *Limnology and Oceanography*, v. 42:1505-1516.
- Greenstein, B. J.** and Pandolfi, J. M., 1997, Preservation of community structure in modern reef coral life and death assemblages of the Florida Keys: Implications for the Quaternary Fossil record of coral reefs. *Bulletin of Marine Science* v. 61(2): 39-60.
- Pandolfi, J. M and **Greenstein, B. J.**, 1997, Taphonomic alteration of reef corals: Effects of reef environment and coral growth form I: The Great Barrier Reef. *Palaios* v. 12: 27-42.
- Greenstein, B. J.** and **Moffat, H. A., 1996, Comparative taphonomy of Holocene and Pleistocene corals, San Salvador, Bahamas. *Palaios* v. 11: 57-63.
- Greenstein, B. J.**, and Pandolfi, J. M., 1995, Taphonomy of crown-of-thorns starfish: Implications for the recognition of ancient population explosions. *Coral Reefs* v. 14: 91-97.
- Greenstein, B. J.**, 1993, Is the fossil record of the regular echinoid really so poor? A comparison of Recent and subfossil assemblages. *Palaios*, v. 8(6): 587-601.
- Greenstein, B. J.**, 1992, Taphonomic bias and the evolutionary history of the Family Cidaridae (Echinodermata: Echinoidea). *Paleobiology* v. 18(1): 50-79.
- Miller, A. I., **Llewellyn, G., Parsons, K. M., Cummins, H., Boardman, M.R., **Greenstein, B.J.**, and Jacobs, D. K., 1992, Effect of Hurricane Hugo on molluscan skeletal distributions, Salt River Bay, St. Croix, U. S. Virgin Islands. *Geology* v. 20(1): 23-26.
- Greenstein, B. J.**, 1991, An integrated study of echinoid taphonomy: Predictions for the fossil record of four echinoid families. *Palaios* v. 6(6): 519-540.
- Greenstein, B. J.**, 1989, Mass mortality of the West-Indian echinoid *Diadema antillarum* (Echinodermata: Echinoidea): A natural experiment in taphonomy. *Palaios* v. 4(5): 487-492.

Edited volumes

Jackson, J. B. C., Cramer, K., Donovan, M., Lam, V., Bak, R., Chollett I., Sonnolly, S., Cortés, J.,

- Dustan, P., Friedlander, A., Hughes, T., **Greenstein, B. J.** et al., 2014, Part 1; Overview and synthesis for the wider Caribbean region, pp. 19-106 in Jackson, J. B. C., Cramer, K., Donovan, M., and Lam, W. (eds.) Status and trends of Caribbean coral reefs: 1969-2012.
- Pandolfi, J. M. and **Greenstein, B. J.**, 2007, Chapter 22 – Using the past to understand the future: palaeoecology of coral reefs, pp. 718-744 in Johnson, J. E. and Marshall, P. A. (eds.), Climate Change and the Great Barrier Reef: A Vulnerability Assessment. Great Barrier Reef Marine Park Authority & Australian Greenhouse Office, Australia.
- Greenstein, B. J.**, 2007, Taphonomy, detecting critical events in reef sediments, pp. 29-58 in Aronson, R. B. (ed.), Geological Approaches to Coral Reef Ecology, Springer-Verlag, N. Y.
- Peckol, P., Curran, H. A., **Greenstein, B. J.**, **Floyd, E. and **Robbart, M., 2003, Assessment of the status of coral reefs and fish populations off San Salvador Island, Bahamas, p. 124-144 in Lang, J. C. (ed.) Status of Coral Reefs in the Western Atlantic: Results of Initial Surveys, Atlantic and Gulf Rapid Reef Assessment (AGRRA) Program, Atoll Research Bulletin 496.
- Peckol, P., Curran, H. A., **Floyd, E., **Robbart, M., **Greenstein, B. J.** and **Buckman, K., 2003, Assessment of selected reef sites in northern and south-central Belize, including recovery from bleaching and hurricane disturbances (stony corals, algae and fish), pp 146-171 in Lang, J. C. (ed.) Status of Coral Reefs in the Western Atlantic: Results of Initial Surveys, Atlantic and Gulf Rapid Reef Assessment (AGRRA) Program, Atoll Research Bulletin 496.
- Greenstein, B. J.**, Pandolfi, J. M. and Curran, H. A., 1998, The completeness of the Pleistocene fossil record: Implications for stratigraphic adequacy, pp. 75-109 in Donovan, S. K. and Paul, C. R. C. (eds.) The Adequacy of the Fossil Record. Wiley & Sons, London.
- Greenstein, B. J.**, 1995. The effect of life habit and test microstructure on the preservation potential of echinoids in Graham's Harbour, San Salvador, Bahamas, pp. 177-188 in Curran, H. A. and White, B. (eds.), Terrestrial and shallow marine geology of the Bahamas and Bermuda, Boulder, Colorado, Geological Society of America Special Paper 300.

Proceedings volumes

- Curran, H. A., Peckol, P., **Greenstein, B. J.**, **Ristau, S, and **DeYoung, Susan, 2003, Shallow-water reefs in transition: Examples from Belize and the Bahamas: in Lewis, R. L. and Poduska, B. (eds.), Proceedings of the 11th Symposium on the Geology of the Bahamas and Other Carbonate Regions. Gerace Research Center, San Salvador, Bahamas, pp. 13-24.
- Co-Editor, 2001, Proceedings of the 9th International Coral Reef Symposium, Bali, Indonesia
- Co-Editor, 2001, Proceedings of the 10th Symposium on the Geology of the Bahamas and Other Carbonate Regions: San Salvador, Bahamas, 2002.
- Peckol, P., Curran, H. A., **Robbart, M., and **Greenstein, B. J.**, 2001, Resilience and recovery of coral reefs from large-scale disturbances: Contrasting patterns for San Salvador Island, Bahamas, and Belize in Greenstein B. J. and Carney, C. K (eds.), Proceedings of the 10th Symposium on the Geology of the Bahamas and Other Carbonate Regions. Gerace Research Center, San Salvador, Bahamas, pp.129-141.
- **Rothfus, T. A., **Greenstein, B. J.**, 2001, Taphonomic evidence for Late Pleistocene transitions in coral reef community composition, San Salvador, Bahamas. 10th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador, Bahamas in **Greenstein, B. J.** and Carney, C. K. (eds.), Proceedings of the 10th Symposium on the Geology of the Bahamas and Other Carbonate Regions. Gerace Research Center, San Salvador, Bahamas, pp. 152-162.
- **Gamble, V. C., **Greenstein, B. J.**, 2001, Fidelity of coral life and death assemblages on Belizean reefs in the wake of Hurricane Mitch. 10th Symposium on the Geology of the Bahamas and other

Carbonate Regions, San Salvador, Bahamas in **Greenstein, B. J.** and Carney, C. K. (eds.), Proceedings of the 10th Symposium on the Geology of the Bahamas and Other Carbonate Regions. Gerace Research Station, San Salvador, Bahamas, pp. 142-151.

Greenstein, B. J., **Harris, L. A., and Curran, H. A., 1997, Fernandez Bay, San Salvador, Bahamas: A natural laboratory for assessment of the preservation coral reef community structure, in Carew, J. L. (ed.), Proceedings of the 8th Symposium on the Geology of the Bahamas and Other Carbonate Regions: San Salvador, Bahamian Field Station, p. 92-102.

Greenstein, B. J., and Curran, H. A., 1997, How much ecological information is preserved in fossil coral reefs and how reliable is it? Proceedings of the 8th International Coral Reef Symposium, v. 1, p. 417-422, Panama City, Panama.

Greenstein, B. J., 1993 The effect of life habit on the preservation potential of echinoids, p. 55-74 in White, B. (ed.), Proceedings of the 6th Symposium on the Geology of the Bahamas. Bahamian Field Station, San Salvador.

Meyer, D. L., **Greenstein, B. J.** and Llewellyn, G. 1991, Population stability of crinoids at Snapshot Reef, San Salvador, Bahamas, p. 181-184 in Bain, R. J. (ed.), Proceedings of the 5th Symposium on the Geology of the Bahamas. Bahamian Field Station, San Salvador.

Greenstein, B. J., and Meyer, D. L., 1990, Mass mortality of *Diadema antillarum* adjacent to Andros Island Bahamas, p.159-168 in J. Mylroie and D. Gerace (eds.), 4th Symposium on the Geology of the Bahamas. Bahamian Field Station, San Salvador.

Book reviews

Greenstein, B. J., 2006, History of Life, 4th Edition, Palaios, v. 21(1)

Greenstein, B. J., 1999, Ancient Invertebrates and their Living Relatives. Geotimes v. 44 (6): 32-33.

Professional Meeting Abstracts

Greenstein, B., Pandolfi, J., **Korpany, C., 2012. Historical context for the decline of Caribbean coral reefs. Book of Abstracts, 12th International Coral Reef Symposium, 9-3 July, 2012, Cairns, Queensland, Australia, p. 25.
(http://www.icrs2012.com/Downloads/ICRS2012_Book_of_Abstracts.pdf)

Erickson, E. A., and **Greenstein, B. J., 2011, Using epibionts successional patterns to determine the mode of accumulation of Late Pleistocene fossil reefs. Geological Society of America North-Central, Northeastern combined regional meeting, Abstracts with Programs v. 43.

Korpany, C. A., and **Greenstein, B. J., 2011, Efficacy of the Curacao Marine Park: A Pleistocene perspective. Geological Society of America North-Central, Northeastern combined regional meeting, Abstracts with Programs v. 43.

Feser, K.M. and **Greenstein, B. J., 2010, Mitigating the effects of the shifting baseline syndrome by utilizing the benthic molluscan death assemblage. Geological Society of America North-Central Section and south-Central Section Joint Annual Meeting, Abstracts with Programs.

Greenstein, B. J., 2008, The Devil's Point Event from beyond San Salvador. Geological Society of America Annual Meeting Abstracts with Programs 40: 419.

Greenstein, B. J. and Pandolfi, J. M., 2008 Effect of climate change on reef corals in Western Australia, 11th International Coral Reef Symposium, 11:11, Ft. Lauderdale, Florida USA.

- Pandolfi, J. M. and **Greenstein, B. J.**, 2007, Escaping the heat: Range shifts of reef coral taxa in coastal Western Australia. Australian Coral Reef Society Annual Meeting, Fremantle, WA, 9-11 October 2007.
- **Rhodes, K. J. S. and Greenstein, B. J.**, 2007, Onshore/Offshore trends in preservation of the Cidaroid Subfamily Cidarinae, Geological Society of America, North-central regional meeting Abstracts with Programs v. 39(3): 14.
- Greenstein, B. J. and Pandolfi, J. M.**, 2006, Predictions of the response of reef coral communities to climate change: Evidence from the Pleistocene fossil record, Geological Society of America Annual Meeting Abstracts with Programs v. 38(7): 536.
- **Andresen, M. M., and Greenstein, B. J.**, 2006, Taphonomic comparison of modern and Pleistocene coral assemblages: The Houtman-Abrolhos Islands, Western Australia. Geological Society of America, North-Central regional meeting Abstracts with Programs v. 34(4): 76.
- **Waite, D. E., and Greenstein, B. J.**, 2005, Carbonate sediments of Western Australia: An introductory investigation. Geological Society of America, North-central regional meeting Abstracts with Programs v. 37(5): 16.
- **Clayton, M. M. and Greenstein, B. J.**, 2005, Response of Pleistocene epibiont communities to terrigenous sedimentation on the Western Australian coast. Geological Society of America, North-Central regional meeting Abstracts with Programs v. 37(5): 33.
- Greenstein, B. J. and Pandolfi, J. M.** 2004, A comparison of gradients in reef coral community composition between Late Pleistocene and modern coral reefs of Western Australia, Geological Society of America Annual Meeting Abstracts with Programs v. 36(5): 313.
- **Leonard, J. S., Greer, L and Greenstein, B. J.** 2003, Climate indicators detected in annual growth bands of Pleistocene *Montastraea* collected from Belize, C.A. Geological Society of America, North-Central regional meeting Abstracts with Programs v. 35(2): 18.
- Curran H. A., Peckol, P., **Greenstein, B. J.**, ****Ristau, S., **DeYoung, S.**, 2002, Modern shallow-water coral reefs in transition: Examples from the Bahamas and Belize, Geological Society of America Annual Meeting Abstracts with Programs v. 34(6): 167.
- Meyer, D. L., **Greenstein, B. J.**, ****Bries, J. M.**, 2002, Preservation of in situ reef framework in regions of low hurricane frequency: Pleistocene of Curaçao and Bonaire, southern Caribbean, Geological Society of America Annual Meeting Abstracts with Programs v. 34(6): 167.
- Curran, H. A., Peckol, P., **Greenstein, B. J.**, ****Ristau, S.**, and ****DeYoung, S.**, 2002, Shallow water coral reefs in transition: Examples from the Bahamas and Belize. 11th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador Bahamas, Abstracts with Programs.
- **Bishop, D. C. and Greenstein, B. J.**, 2002, A Pleistocene perspective on the effectiveness of the Hol Chan Marine Preserve, Belize, C. A. Geological Society of America, North-central regional meeting Abstracts with Programs v. 34(2): A7.
- **Leonard, J. S., **Cauley, M. and Greenstein, B. J.**, and **Tepper, C.**, 2002, Morphometry and genetics of *Millepora* collected at San Salvador Island, Bahamas. Geological Society of America, North-central regional meeting Abstracts with Programs v. 34(2): A87.
- **Bishop, D. and Greenstein, B. J.**, 2001, The effects of Hurricane Floyd on the fidelity of coral life and death assemblages in San Salvador, Bahamas: Does a hurricane leave a signature in the fossil record? Geological Society of America, North-central regional meeting Abstracts with Programs v. 33(4):A51.
- **Gamble, V.C. and Greenstein, B. J.**, **Carpenter, S. J.**, and **Gonzalez, L. A.**, 2001, Using carbon and oxygen isotopic values from Acroporiid corals to interpret temperature fluctuations around an

- unconformable surface on San Salvador Island, Bahamas. Geological Society of America, North-central regional meeting, Abstracts with Programs v. 33(4): A52.
- Greenstein, B. J.**, Pandolfi, J. M., 2000, Taphonomy of reef building corals at intra- and inter-provincial scales: Implications for palaeoecological studies. 9th International Coral Reef Symposium, Bali, Indonesia, Abstracts, p. 49.
- Peckol, P., Curran, H. A., **Robbart, M., **Greenstein, B. J.**, 2000, Resilience and recovery from large-scale disturbances: Contrasting patterns for San Salvador, Bahamas and Belize. 10th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador, Bahamas, Abstracts with Programs p. 20-21.
- **Rothfus, T. A., **Greenstein, B. J.** 2000, Taphonomic evidence for Late Pleistocene transitions in coral reef community composition, San Salvador, Bahamas. 10th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador, Bahamas, Abstracts with Programs p. 23.
- **Gamble, V. C., **Greenstein, B. J.**, 2000, Fidelity of coral life and death assemblages on Belizean reefs in the wake of Hurricane Mitch. 10th Symposium on the Geology of the Bahamas and other Carbonate Regions, San Salvador, Bahamas, Abstracts with Programs p. 14.
- **Levingston, J., **Greenstein, B. J.**, 2000, Taphonomic analysis of Devonian corals of the Little Cedar Formation. North-central Section of the Geological Society of America regional meeting, Abstracts with programs, v. 32.
- Savarese, M. , **Wilkening, J. E., **Greenstein, B. J.**, **Fuller, E. R., 2000, Multi-disciplinary approach to the management and restoration of estuarine health. Part I: Ecology and Paleoecology. Southeastern Section of the Geological Society of America regional meeting, Abstracts with Programs v. 32
- Greenstein, B. J.**, 1999, Taphonomy of reef building corals II: Shallow and deep reef environments of the tropical western Atlantic, Geological Society of America Abstracts with Programs v. 31 (7): A420.
- Peckol, P., Curran, H. A., and **Greenstein, B. J.**, 1999, Use of the AGRA-RAP protocol for coral reef assessment: San Salvador Island, Bahamas and South-Central Belize. International Conference on Scientific Aspects of Coral Reef Assessment, Monitoring, and Restoration. Ft. Lauderdale, Florida. P. 152.
- **Bries, J. M., and **Greenstein, B. J.**, 1999, Taphonomy of modern corals: implications for the fossil record. North-central Section of the Geological Society of America regional meeting, Abstracts with Programs v. 31 (5): A5.
- **Rothfus, T. A., and **Greenstein, B. J.**, 1999, Taphonomic evidence for prior transitions in coral reef community composition, San Salvador, Bahamas. Geological Society of America Abstracts with Programs v. 31(5): A5.
- Greenstein, B. J.** and Curran, H. A., 1999, Late Quaternary modes of stasis and change in Caribbean-Western Atlantic Coral Reefs. Cenozoic Paleobiology: The last 65 million years of biotic stasis and change. Symposium at the Florida Museum of Natural History, Abstracts and program, p. 17.
- Greenstein, B. J.**, 1997, Adequacy of the Pleistocene fossil record of coral reefs: Comparisons of life, death and fossil assemblages in the Florida Keys and Bahamas, Geological Society of America, Abstracts with Programs v. 29 (6): A266.
- Greenstein, B. J.** and Pandolfi, J. M., 1996, The effect of growth form and environment on the preservation potential of reef corals. Eight International Coral Reef Symposium. Panama City, Panama. Abstracts with Programs, p. G 77.

- Greenstein, B. J.**, Curran, H. A., and Pandolfi, J. M. 1996, The adequacy of the Caribbean Pleistocene coral reef fossil record to preserve reef community structure: An analysis of life, death and fossil assemblages from the Bahamas and Florida Keys. Sixth North American Paleontological Convention Abstracts with Papers. Paleontological Society Special Publication No. 8, p. A153.
- Greenstein, B. J.**, and Curran, H. A., 1996, How much ecological information exists for fossil coral reefs and how reliable is it? Eight International Coral Reef Symposium. Panama City, Panama. Abstracts with Programs, p. G 77.
- **Harris, L., **Greenstein, B. J.**, and Curran, H. A., 1996, Fernandez Bay, San Salvador, Bahamas: A natural laboratory for assessment of the preservation of coral reef community structure. Eighth Symposium on the Geology of the Bahamas. Bahamian Field Station, San Salvador, Bahamas.
- Pandolfi, J. M. and **Greenstein, B. J.**, 1995, Comparative taphonomy of Indo-Pacific and Caribbean reef corals, VII International Symposium of Fossil Cnidaria and Porifera, Madrid, Spain.
- **Gardiner, E. S., **Greenstein, B. J.**, and Pandolfi, J. M., 1995, Taphonomic analysis of Florida reef corals: The effect of habitat on preservation. Geological Society of America Abstracts with Programs.
- **Timmons, S. M., and **Greenstein, B. J.**, 1995, Relationship between taphonomic style and depositional environment for Mesozoic cidarid echinoids. Geological Society of America, Abstracts with Programs.
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