

CURRICULUM VITAE

Name: David Jablonski
Present Address: Department of the Geophysical Sciences
 University of Chicago
 5734 South Ellis Avenue
 Chicago, IL 60637
Telephone: (773) 702-8163 (FAX: (773) 702-9505)
e-mail: djablons@uchicago.edu
Web page: <http://geosci.uchicago.edu/people/faculty/jablonski.shtml>

EDUCATION

M.S., Ph.D., 1976, 1979, Yale University
 B.A., 1974, Columbia University (Geology, with minor in Biology)

EMPLOYMENT

2012-present: William R. Kenan, Jr., Distinguished Service Professor, Department of the Geophysical Sciences, Department of Organismal Biology & Anatomy, and Committee on Evolutionary Biology, University of Chicago
 2002-2012: William R. Kenan, Jr., Professor, Department of the Geophysical Sciences and Committee on Evolutionary Biology, University of Chicago
 2002-2008: Chair, Committee on Evolutionary Biology, University of Chicago
 1989-2002: Professor, Department of the Geophysical Sciences and Committee on Evolutionary Biology, University of Chicago
 1985-1989: Associate Professor, Department of the Geophysical Sciences and Committee on Evolutionary Biology, University of Chicago
 1982-1985: Assistant Professor, Dept of Ecology & Evolutionary Biology, University of Arizona.
 1980-1982: Miller Research Fellow, University of California, Berkeley
 1979-1980: Assistant Research Geologist, Department of Geological Sciences and Marine Science Institute, University of California, Santa Barbara

HONORS AND FELLOWSHIPS

2010: Elected to National Academy of Sciences, USA
 2008-present: Research Associate, National Museum of Natural History, Smithsonian Institution
 2005: Fellow, Paleontological Society
 2004: Quantrell Award for Excellence in Undergraduate Teaching, University of Chicago
 2000: Fellow, American Academy of Arts and Sciences
 1999-2000: John Simon Guggenheim Memorial Fellowship
 1993-2003: Honorary Research Fellow, The Natural History Museum, London
 1992-present: Research Associate, Field Museum of Natural History, Chicago
 1988: Schuchert Award, Paleontological Society, for outstanding paleontologist under 40.
 1980-1982: Miller Fellowship, Miller Institute for Basic Research in The Sciences, University of California, Berkeley
 Summer 1972, 1973: NSF Undergraduate Research Fellow at American Museum of Natural

History

PROFESSIONAL SOCIETIES

The Paleontological Society
 International Palaeontological Union
 The Palaeontological Association
 Society for the Study of Evolution
 Society of Integrative and Comparative Biology
 Society of Systematic Biology
 Society of Sedimentary Geologists
 American Society of Naturalists
 International Biogeography Society

FORMAL EDITORIAL SERVICES

Editorial Board, Philosophy & Theory in Biology, 2009-present
 Editorial Board, Evolution & Development, 1999-2005
 Associate Editor, Evolutionary Ecology Research, 1998-present
 Associate Editor, Historical Biology, 1988-present
 Associate Editor, Conservation Biology, 1986-2000
 Associate Editor, Evolutionary Ecology, 1986-1998
 Editorial Board, Annual Review of Ecology and Systematics, 1989-1994
 Editorial Board, Geology, 1991-1993
 Editorial Board, Journal of Evolutionary Biology, 1991-1993
 Associate Editor, Paleobiology, 1983-1985, 1986-1988
 Associate Editor, Evolution, 1984-1986

REVIEWER FOR

Nature, Science, Proceedings of the National Academy of Sciences USA, Proceedings of the Royal Society of London B, PLoS Biology, Biological Reviews, Ecology Letters, Paleobiology, Systematic Biology, Trends in Ecology and Evolution, Deep-Sea Research, Geology, Journal of Molluscan Studies, Malacologia, Veliger, Palaeogeography, Palaeoclimatology, Palaeoecology; University of Chicago Press, Oxford University Press, Taylor & Francis; NSF (Sedimentary Geology & Paleontology; Biodiversity Surveys and Inventories; Population and Evolutionary Processes; Polar Programs), National Geographic, Petroleum Research Fund, NERC (United Kingdom), NSERC (Canada), Argentina Ministry of Science, Education, and Technology, Austrian Science Foundation, German Science Foundation, James Cook Research Fellowships (New Zealand), Royal Society of London; Fellowship Applications to John Simon Guggenheim Memorial Foundation (2006-2008, 2009-present).

MISCELLANEOUS

2008, Invited speaker, Smithsonian Institution Senate of Scientists
 2008, Invited participant, workshop on an Extended Evolutionary Synthesis, Konrad Lorenz Institute of Evolution and Cognition Research, Altenberg, Austria
 2008, External member, Professional Accomplishments Evaluation Committee, National Museum of Natural History, Smithsonian Institution

- 2007, Co-Chair, NASA Exobiology-Astrobiology Panel
- 2007, Invited participant, NSF workshop on “Really Big Biogeographically-based Integrative Historical and Ecological Science”
- 2006, Invited speaker, Macroevolution workshop, National Association of Biology Teachers Annual Meeting
- 2006, Invited participant, NSF workshop on “Future Research Directions in Paleontology”
- 2006-2008, 2009-present, Reviewer, Fellowship Applications to John Simon Guggenheim Memorial Foundation
- 2005-2009, Senior Advisory Board, National Evolutionary Synthesis Center
2005. Invited Speaker, 50th Anniversary Celebration, Miller Institute for Basic Research, Berkeley, CA
- 2003-2006, Advisory Board, Paleobiology Database
- 2002, Invited participant, NSF workshop on a Center for Evolutionary Synthesis.
- 1999, Co-organizer (with M. Droser), Theme Session, "Biological Diversity in the Phanerozoic: In Memory of Jack Sepkoski," Geological Society of America Annual Meeting, October 1999.
- 1998, Invited speaker, Society for the Study of Evolution Workshop on teaching evolution, American Institute of Biology Teachers Annual Meeting, Reno, Nevada.
- 1996-1999. Topic Coordinator on Macroevolution, international workshop on "Paleontology in the 21st Century," held Frankfurt, September 1997, final report 1999.
- 1996-1997. Participant, Paleontological Society working group, "Geobiology of Critical Intervals."
- 1995-1999. Participant, NSF working group, "Evolution, Science, and Society."
- 1994, Co-Organizer [with D.H. Erwin], Paleontological Society Symposium, "Evolutionary Paleobiology," Geological Society of America Annual Meeting.
- 1992, Co-Organizer [with D.J. Bottjer], Symposium on "Environmental Factors and Evolutionary Novelty," 5th North American Paleontological Convention.
- 1991-1993, Councillor under 40, Paleontological Society
- 1990-1996, Member, International Committee, International Congress on Systematic and Evolutionary Biology.
- 1990-1992, Organizing committee, 5th North American Paleontological Convention
- 1990, Outside review committee, Department of Zoology, Field Museum of Natural History
- 1990, Organizer, Symposium on Evolution and Extinction, International Congress on Systematic and Evolutionary Biology.
- 1989, Participant, International Union of Geological Sciences Workshop on Past Global Changes, Interlaken, Switzerland.
- 1987-present, Participant, Smithsonian Program, "Evolution of Terrestrial Ecosystems".
- 1986-1995, Participant, U.S. Working Group of International Geological Correlation Project, "Global Events and Evolution" [sponsored by International Union of Geological Sciences and UNESCO]
- 1985, Co-Organizer [with D.M. Raup], Dahlem Conference on "Phanerozoic Life: Pattern and Process," Berlin.
- 1985, Co-Organizer [with K.W. Flessa], Paleontological Society Symposium, "Evolutionary Paleobiogeography," Geological Society of America Annual Meeting.
- 1984-present, Participant, Media Resource Service, Scientists' Institute for Public Information.

INVITED PAPERS IN SYMPOSIA

- 2011, Symposium on Marine Speciation, Society for Integrative and Comparative Biology, Salt Lake City

- 2010, Symposium on Macroevolution and the Modern Synthesis, Third International Palaeontological Congress, London
- 2009, Invited speaker, Darwin: Chicago 2009 Conference.
- 2008, Symposium in honor of Peter and Rosemary Grant, Princeton University.
- 2007, National Academy of Sciences Sackler Colloquium on Biodiversity and Extinction
- 2007, Ecological Society of America Symposium on Environmental change, extinction risk, and the maintenance of biodiversity through time
- 2006. 50th Anniversary symposium, Palaeontological Association, U.K.
- 2006, Macroevolution symposium, National Association of Biology Teachers Annual Meeting.
- 2005. Extending the Synthesis: Integrating Micro- and Macroevolutionary Scales (Leiden, Netherlands)
- 2005. Keynote speaker, Second International Biogeography Conference: Conservation Biogeography.
- 2004. Plenary speaker, Astrobiology Science Conference 2004.
- 2004. Morphological Innovations Symposium, Society for Integrative and Comparative Biology.
- 2003. Pardee Symposium: Reflections on the Scientific Legacy of Stephen J. Gould.
- 2003. The geologic record of biosphere dynamics—the key to understanding the biotic effects of future environmental change
- 2003. First International Biogeography Symposium: Frontiers in biogeography
- 2002. Symposium on Seafood through time: The ecologic context of the history of life.
- 2002. Keynote speaker, International Congress of Systematic and Evolutionary Biology. Title: Ecology and the origin of major evolutionary groups.
- 2002, Symposium on Extinctions, CSEOL, UCLA.
- 2002, Conference on Macroecology: Reconciling divergent perspectives on large scale ecological patterns, British Ecological Society, Birmingham, England
- 2002. Symposium on body size, Ecological Society of America Annual Meeting
- 2001, Inaugural Session, Biogeosciences Section, American Geophysical Union Fall Meeting
- 2000, National Academy of Sciences Colloquium on The Biotic Crisis and the Future of Evolution
- 1999, Keynote paper (with D.H. Erwin and James W. Valentine), conference on The Developmental Basis of Evolutionary Change, University of Chicago.
- 1999, Evolutionary Dynamics: The Evolutionary Play in the Geophysical Theater. American Geophysical Union Fall Meeting, Special Biogeosciences Session
- 1999, Plenary speaker, Linnean Society/NASA/Centre for Ecology and Evolution conference, Evolution on Planet Earth: The impact of the physical environment
- 1998 Plenary speaker, Geological Society of America Penrose Conference, Linking spatial and temporal scales in paleoecology and ecology
- 1996 Symposium on Recoveries from Mass Extinctions, 6th North American Paleontological Convention
- 1996 Evolutionary Paleoecology Symposium, Geological Society of America Annual Meeting
- 1995 International Conference on Near-Earth Objects, United Nations, New York.
- 1995 Charles D. Walcott Symposium, Smithsonian Institution, on Causes and consequences of the end-Permian Mass Extinction.
- 1995 Symposium on Evolutionary Rebounds, Geological Society of America Annual Meeting\
- 1994 Keynote Speaker, Symposium on New Developments Regarding the K-T Event and Other Catastrophes in Earth History (Snowbird III)
- 1994 Symposium on Current Critical Issues: Marine Biodiversity, American Association for the Advancement of Science, Annual Meeting

- 1993 Symposium on Extinction Rates, Royal Society of London
- 1989 Symposium on Adaptive Radiations, International Geological Congress
- 1989 Symposium on Major Evolutionary Radiations, Systematics Association
- 1988 Spring Systematics Symposium, Field Museum of Natural History, symposium on Evolution Innovations: Patterns and Processes.
- 1988 Symposium on Evolution and Extinction, Royal Society of London
- 1986 Symposium on Tempo and Mode in Evolution, 4th North American Paleontological Convention
- 1986 Symposium on The Biogeography of Extinction, 4th North American Paleontological Convention
- 1986 Symposium on Regulation of Speciation Rates and Background Extinction Rates, 4th N. Am. Paleont. Conv.
- 1986 Symposium on Environmental Controls on Faunal Radiations and Mass Extinction, S.E.P.M. Midyear Meeting.
- 1985 Larval Biology Workshop, Friday Harbor, Washington
- 1985 Symposium on Random and Directed Events in Evolution, 3rd International Congress of Systematic and Evolutionary Biology, Sussex
- 1985 Paleontological Society Short Course on Mollusca, Geological Society of America Annual Meeting
- 1983 Molluscan Extinctions Symposium, Seattle
- 1983 Dynamics of Extinction Conference, Flagstaff
- 1983 Mass Extinctions Symposium, Society of the Study of Evolution, St. Louis
- 1982 Symposium on Factors in Phanerozoic Diversity, American Association for the Advancement of Science, Pacific Section, Santa Barbara
- 1982 Symposium on Evolution and Paleobiology of the Gastropoda, 3rd North American Paleontological Convention, Montreal
- 1981 Paleontological Society Symposium on Biotic Interactions in Recent and Fossil Benthic Communities, Geological Society of America Annual Meeting, Cincinnati
- 1980 Conference on Macroevolution, Chicago Field Museum
- 1980 2nd International Congress of Systematic and Evolutionary Biology, Vancouver

UNIVERSITY SERVICE

- 2010-2011, Appointments Committee, Vertebrate Paleontology Search, Dept of Organismal Biology & Anatomy
- 2009- 2012, Governing Board of University of Chicago Press.
- 2007-2009, 2009-present, Steering Committee, GAANN training grants (Graduate Assistance in Areas of National Need), Committee on Evolutionary Biology
- 2006-2008, Advisory Committee for Junior Faculty, Department of Geophysical Sciences
- 2004-2006, Policy Committee, Department of Geophysical Sciences
- 2003, Education subcommittee, Dean's strategic planning (AIMS II) committee, Biological Sciences Division
- 2002, Dean's strategic planning (AIMS) committee, Biological Sciences Division
- 2002-2008, Chair, Committee on Evolutionary Biology
- 2000, Speaker, Trustees' Dinner in Honor of the Faculty of the University and the new President of the University
- 1998-99, Chair, Committee to Recommend a Chair for the Department of Organismal Biology and Anatomy

1998, Committee to Review the Department of Organismal Biology and Anatomy
 1992, 1993, 1995-1999: Admissions Committee, Committee on Evolutionary Biology (Chair 1995-1999)
 1993-1994, 1997-2008: Co-organizer, CEB Evolutionary Morphology Seminar Series
 1997-1999: Member, College Council
 1997: Drafting Committee, College Curriculum Review Committee
 1996-1997: Review of the University Libraries
 1995-1996: Policy Committee, Department of Geophysical Sciences
 1995-1996: Curriculum Committee, Department of Geophysical Sciences
 1993-1995, 1996-1997, 2001-present: Appointments Committee, Department of Geophysical Sciences
 1994. Committee to Recommend a Chair for the Department of Organismal Biology and Anatomy
 1993-1994. Physical Sciences Division/Biological Sciences Division Initiatives Committee
 Co-leader, University of Chicago Alumni tours to Galapagos Islands (1990), Gulf of California (1994), Yucatan-Belize-Honduras-Guatemala (1995), Alaska-British Columbia (1998)

STUDENTS ADVISED

Margaret Hardy (MS 1985)
 Jay Schneider (PhD 1993)
 Kaustuv Roy (PhD 1994)
 Sherman Suter (PhD 1994)
 Jane Masterson (PhD 1995)
 Gunther Eble (PhD 1997)
 Joseph Walsh (MS 1998)
 Rowan Lockwood (PhD 2001)
 Matthew A. Kosnik (PhD 2003)
 Rebecca M. Price (PhD 2003)
 Alistair McGowan (PhD 2003)
 Emily G. Allen (PhD 2005)
 Paul G. Harnik (PhD 2009)
 Nicole Bitler (PhD expected 2017)
 Marites Villarosa Garcia (PhD expected 2017)

EXTERNAL MEMBER OF PhD COMMITTEE

Gail Grabowsky, Duke University (PhD 1992)
 Devin Buick, University of Cincinnati (PhD 2009)
 Nicholas J. Matzke, University of California, Berkeley (PhD expected 2013)

RESEARCH GRANTS

1/79-1/82: NSF, Developmental strategies of benthic marine invertebrates: Application to paleontological problems (w/J.W. Valentine and R.A. Lutz)
 2/82-8/84: NSF, Developmental strategies of benthic marine invertebrates: Application to paleontological problems (w/J.W. Valentine and R.A. Lutz)
 3/85-3/88: NSF, Developmental strategies of benthic marine invertebrates: Evolutionary effects (w/J.W. Valentine and R.A. Lutz) (extended to 6/90)
 9/85-8/88: Petroleum Research Fund, Paleoenvironmental history of American macroinvertebrate

- assemblages in the post-Paleozoic (w/David Bottjer)
- 6/97-11/90: NSF, Large-scale evolutionary patterns in fossil marine invertebrates (U.S.-U.K. Program)
- 9/88-8/89: Petroleum Research Fund: Paleoenvironmental history of macroinvertebrate assemblages in the post-Paleozoic (w/David Bottjer)
- 6/90-6/94: NSF, Developmental strategies of benthic marine invertebrates: Evolutionary effects (w/J.W. Valentine and R.A. Lutz) [accomplishment-based renewal]
- 4/94-12/99: NSF, Gradients of origination and extinction in benthic marine invertebrates: Comparative analyses of the fossil record (w/J.W. Valentine)
- 8/99-7/05: NSF, Paleobiology of latitudinal turnover gradients: transoceanic comparative analyses (w/J.W. Valentine and K. Roy)
- 8/05-7/09: NASA, Evolutionary dynamics of planetary biodiversity gradients: Origin, maintenance and future of latitudinal trends (w/J.W. Valentine and K. Roy)
- 7/09-6/12: NSF, Collaborative Research: Bivalves in time and space: testing the accuracy of methods to reconstruct ancestral morphology, dates, geography, and diversification patterns (w/Scott Steppan, John Huelsenbeck, Rüdiger Bieler, and Paula Mikkelsen).
- 8/09-7/12: NASA, The impact of the Impact: evolutionary and biogeographic effects of the K-T impact (w/J.W. Valentine and K. Roy)

ARTICLES IN PEER-REVIEWED JOURNALS AND BOOKS

1. Lutz, R.A., and D. Jablonski, 1978. Cretaceous bivalve larvae. *Science* 199: 439-440.
2. Lutz, R.A., and D. Jablonski, 1978. Larval shell bivalve shell morphometry: A new paleoclimatic tool? *Science* 202: 51-53.
3. Jablonski, D., and R.A. Lutz, 1979. Larval ecology of extinct mollusks: Comment of larval development of hyolithids. *Lethaia* 12: 306.
4. Jablonski, D., and R.A. Lutz, 1980. Larval shell morphology: Ecological and paleontological applications. In D.C. Rhoads and R.A. Lutz, eds., *Skeletal Growth of Aquatic Organisms*. New York: Plenum, 323-377.
5. Lutz, R.A., D. Jablonski, D.C. Rhoads, and R.D. Turner, 1980. Larval dispersal of a deep-sea hydrothermal vent bivalve from the Galapagos Rift. *Marine Biology* 57: 127-133.
6. Jablonski, D., 1980. Apparent versus real biotic effects of transgression and regression. *Paleobiology* 6: 397-407.
7. Lutz, R.A., and D. Jablonski, 1981. Identification of living and fossil bivalve larvae. *Science* 212: 1419.
8. Jablonski, D., and R.A. Lutz, 1983. Larval ecology of marine benthic invertebrates: Paleobiological implications. *Biological Reviews* 58: 21-89.
9. Valentine, J.W., and D. Jablonski, 1983. Larval adaptations and patterns of brachiopod diversity in

space and time. *Evolution* 37: 1052-1061.

10. Jablonski, D., and D.J. Bottjer, 1983. Soft-substratum epifaunal suspension-feeding assemblages in the Late Cretaceous: Implications for the evolution of benthic paleocommunities. In: M.J. Tevesz and P.L. McCall, eds., *Biotic Interactions in Recent and Fossil Benthic Communities*. New York: Plenum, 747-812.
11. Kidwell, S.M., and D. Jablonski, 1983. Taphonomic feedback: Ecological consequences of shell accumulation. In: M.J. Tevesz and P.L. McCall, eds., *Biotic Interactions in Recent and Fossil Benthic Communities*. New York: Plenum, 195-248.
12. Jablonski, D., J.J. Sepkoski, Jr., D.J. Bottjer, and P.M. Sheehan, 1983. Onshore-offshore patterns in the evolution of shelf communities. *Science* 222: 1123-1125 [see also R. Lewin, 1983, Origin of species in stressed environments, *Science* 222: 1112; "Evolution in hard places," *Newsweek*, 2 January, 1984; and "Suffering artists," *The Economist*, 2 June, 1984]
13. Fürsich, F.T., and D. Jablonski, 1984. Late Triassic naticid drillholes: Carnivorous gastropods gain a major adaptation but fail to radiate. *Science* 224: 78-80.
14. Flessa, K.W., and D. Jablonski, 1984. Extinctions are here to stay. *Paleobiology* 9: 315-321.
15. Jablonski, D., 1984. Keeping time with mass extinctions. *Paleobiology* 10: 139-145.
16. Jablonski, D., J.J. Sepkoski, Jr., D.J. Bottjer, and P.M. Sheehan, 1984. Biological diversity [reply to Brussard]. *Science* 224: 1294.
17. Lutz, R.A., D. Jablonski, and R.D. Turner, 1984. Larval development and dispersal at deep-sea hydrothermal vents. *Science* 226: 1451-1453.
18. Flessa, K.W., and D. Jablonski, 1985. Declining Phanerozoic extinction rates: Effect of taxonomic structure? *Nature* 313: 216-218.
19. Jablonski, D., K.W. Flessa, and J.W. Valentine, 1985. Paleobiology and biogeography. *Paleobiology* 11: 75-90.
20. Turner, R.D., R.A. Lutz, and D. Jablonski, 1985. Modes of larval development at deep-sea hydrothermal vents. *Bulletin of the Biological Society of Washington* 6: 167-184.
21. Jablonski, D., and K.W. Flessa, 1986. The taxonomic structure of shallow-water marine faunas: Implications for Phanerozoic extinctions. *Malacologia* 27: 43-66.
22. Lutz, R.A., P. Bouchet, D. Jablonski, R.D. Turner, and A. Warén, 1986. Larval ecology of mollusks at deep-sea hydrothermal vents. *American Malacological Bulletin* 4: 49-54.
23. Jablonski, D., 1986. Background and mass extinctions: The alternation of macroevolutionary

regimes. *Science* 231: 129-133 [see also R. Lewin, 1986, Mass extinctions select different victims, *Science* 231: 219-220].

24. Jablonski, D. 1986. Larval ecology and macroevolution of marine invertebrates. *Bulletin of Marine Science* 39: 565-587.
25. Valentine, J.W., and D. Jablonski, 1986. Mass extinctions: Sensitivity of marine larval types. *Proceedings of the National Academy of Sciences USA* 83: 6912-6914.
26. Jablonski, D. 1987. Heritability at the species level: Analysis of geographic ranges of Cretaceous mollusks. *Science* 238: 360-363.
27. Jablonski, D. 1988. Estimates of species durations [reply to Russell and Lindberg]. *Science* 240: 969.
28. Bottjer, D.J., M.L. Droser, and D. Jablonski, 1988. Palaeoenvironmental trends in the history of trace fossils. *Nature* 333: 252-255.
29. Bottjer, D.J., and D. Jablonski, 1988 (1989). Paleoenvironmental patterns in the evolution of post-Paleozoic benthic marine invertebrates. *Palaaios* 3: 540-560.
30. Jablonski, D., and J.W. Valentine, 1990. From regional to total geographic ranges: Testing the relationship in Recent bivalves. *Paleobiology* 16: 126-142.
31. Valentine, J.W., and D. Jablonski, 1991. Biotic effects of sea-level change: The Pleistocene test. *Journal of Geophysical Research* 96: 6873-6878.
32. Jablonski, D., and D.J. Bottjer, 1991. Environmental patterns in the origins of higher taxa: The post-Paleozoic fossil record. *Science* 252: 1831-1833.
33. Jablonski, D. 1991. Extinctions: A paleontological perspective. *Science* 253: 754-756.
34. Raup, D.M., and D. Jablonski, 1993. Geography of end-Cretaceous marine bivalve extinctions. *Science* 260: 971-973.
35. Jablonski, D. 1993. The tropics as a source of evolutionary novelty: The post-Palaeozoic fossil record of marine invertebrates. *Nature* 364: 142-144.
36. Jablonski, D., and D.M. Raup, 1995. Selectivity of end-Cretaceous marine bivalve extinctions. *Science* 268: 389-391.
37. Flessa, K.W., and D. Jablonski, 1995. Biogeography of Recent marine bivalve molluscs and its implications for paleobiogeography and the geography of extinction: A progress report. *Historical Biology* 10: 25-47.

38. Roy, K., D. Jablonski, and J.W. Valentine, 1995. Thermally anomalous assemblages revisited: Patterns in the extraprovincial range shifts of Pleistocene marine mollusks. *Geology* 23: 1071-1074.
39. Valentine, J.W., D.H. Erwin, and D. Jablonski, 1996. Developmental evolution of metazoan bodyplans: The fossil evidence. *Developmental Biology* 173: 373-381.
40. Jablonski, D., and J.J. Sepkoski, Jr. 1996. Paleobiology, community ecology, and scales of ecological pattern. *Ecology*, 77: 1367-1378.
41. Roy, K., D. Jablonski, and J.W. Valentine, 1996. Higher taxa in biodiversity studies: Patterns from eastern Pacific marine mollusks. *Philosophical Transactions of the Royal Society, London B* 351: 1605-1613.
42. Roy, K., J.W. Valentine, D. Jablonski, and S.M. Kidwell, 1996. Scales of climatic variability and time averaging in Pleistocene biotas: Implications for ecology and evolution. *Trends in Ecology and Evolution* 11: 458-463.
43. Jablonski, D. 1997. Body-size evolution in Cretaceous molluscs and the status of Cope's rule. *Nature* 385: 250-252.
44. Jablonski, D., S. Lidgard, and P.D. Taylor, 1997. Comparative ecology of bryozoan radiations: Origin of novelties in cyclostomes and cheilostomes. *Palaaios* 12: 505-523.
45. Roy, K., D. Jablonski, J.W. Valentine, and G. Rosenberg, 1998. Marine latitudinal diversity gradients: Tests of causal hypotheses. *Proceedings of the National Academy of Sciences USA* 95: 3699-3702.
46. Jablonski, D. 1998. Geographic variation in the molluscan recovery from the end-Cretaceous extinction. *Science* 279: 1327-1330.
47. Valentine, J.W., D. Jablonski, and D.H. Erwin, 1999. Fossils, molecules and embryos: New perspectives on the Cambrian explosion. *Development* 126: 851-859.
48. Roy, K., D. Jablonski, and J.W. Valentine, 2000. Dissecting latitudinal diversity gradients: Functional groups and clades of marine bivalves. *Proceedings of the Royal Society, London B* 267: 293-299.
49. Roy, K., D. Jablonski, and K.K. Martien, 2000. Invariant size-frequency distributions along a latitudinal gradient in marine bivalves. *Proceedings of the National Academy of Sciences USA* 97: 13150-13155.
50. Jablonski, D. 2000. Micro- and macroevolution: scale and hierarchy in evolutionary biology and paleobiology. *Paleobiology* 26 (Suppl. to No. 4): 15-52.

51. Roy, K., D. Jablonski, and J.W. Valentine, 2001. Climate change, species range limits and body size in marine bivalves. *Ecology Letters* 4: 366-370.
52. Valentine, J.W., K. Roy, and D. Jablonski, 2002. Carnivore/ noncarnivore ratios in northeastern Pacific marine gastropods. *Marine Ecology Progress Series* 228: 153-163.
53. Roy, K., D. Jablonski, and J.W. Valentine, 2002. Body size and invasion success in marine bivalves. *Ecology Letters* 5: 163-167.
54. Jablonski, D. 2002. Survival without recovery after mass extinctions. *Proceedings of the National Academy of Sciences USA* 99: 8139-8144.
55. Jablonski, D., and K. Roy, 2003. Geographic range and speciation in fossil and living molluscs. *Proceedings of the Royal Society, London B* 270: 401-406.
56. Jablonski, D., K. Roy, J.W. Valentine, R.M. Price, and P.S. Anderson, 2003. The impact of the Pull of the Recent on the history of bivalve diversity. *Science* 300: 1133-1135.
57. Eldredge, N., J. N. Thompson, P. M. Brakefield, S. Gavrillets, D. Jablonski, J.B.C. Jackson, R.E. Lenski, B.S. Lieberman, M. A. McPeck, and W. Miller, 2005. Dynamics of evolutionary stasis. *Paleobiology* 31 (Suppl. to No. 2): 133-145.
58. Jablonski, D. 2005. Mass extinctions and macroevolution. *Paleobiology* 31 (Suppl. to No. 2): 192-210.
59. Goldberg, E., K. Roy, R. Lande, and D. Jablonski, 2005. Diversity, endemism, and age distributions in macroevolutionary sources and sinks. *American Naturalist* 165: 623-633.
60. Hunt, G., K. Roy, and D. Jablonski, 2005. Heritability of geographic range sizes revisited. *American Naturalist* 166: 129-135.
61. Jablonski, D. 2005. Evolutionary innovations in the fossil record: The intersection of ecology, development and macroevolution. *Journal of Experimental Zoology. Part B, Molecular and Developmental Evolution* 304B: 504-519.
62. Valentine, J. W., D. Jablonski, S. M. Kidwell, and K. Roy, 2006. Assessing the fidelity of the fossil record by using marine bivalves. *Proceedings of the National Academy of Sciences USA* 103: 6599-6604.
63. Jablonski, D., and G. Hunt, 2006. Larval ecology, geographic range, and species survivorship in Cretaceous mollusks: Organismic vs. species-level explanations. *American Naturalist* 168: 556-564.
64. Jablonski, D., K. Roy, and J.W. Valentine, 2006. Out of the Tropics: Evolutionary dynamics of the latitudinal diversity gradient. *Science* 314: 102-106. See also

http://evolution.berkeley.edu/evolibrary/news/061101_diversity

65. Kosnik, M. A., D. Jablonski, R. Lockwood, and P M. Novack-Gottshall, 2006. Quantifying molluscan body size in evolutionary and ecological analyses: Maximizing the return on data-collection efforts. *Palaios* 21: 588-597.
66. Jablonski, D. 2007. Scale and hierarchy in macroevolution. *Palaeontology*, 50: 87-109. See also http://evolution.berkeley.edu/evolibrary/article/jablonski_01
67. Krug, A. Z., D. Jablonski, and J. W. Valentine, 2007. Contrarian clade confirms the ubiquity of spatial origination patterns in the production of latitudinal diversity gradients. *Proceedings of the National Academy of Sciences USA* 104: 18129-18134
68. Krug, A. Z., D. Jablonski, and J. W. Valentine, 2008. Species-genus ratios reflect a global history of diversification and range expansion in marine bivalves. *Proceedings of the Royal Society, London B* 275: 1117-1123.
69. Valentine, J. W., D. Jablonski, A. Z. Krug, and K. Roy, 2008. Incumbency, diversity, and latitudinal gradients. *Paleobiology* 34: 169-178.
70. Krug, A. Z., D. Jablonski, and J. W. Valentine, 2009. Signature of the end-Cretaceous mass extinction in the modern biota. *Science* 323: 767-771.
71. Krug, A. Z., D. Jablonski, J. W. Valentine, and K. Roy, 2009. Generation of Earth's first-order biodiversity pattern. *Astrobiology* 9: 113-124.
72. Roy, K., G. Hunt, D. Jablonski, A. Z Krug, and J. W. Valentine, 2009. A macroevolutionary perspective on species range limits. *Proceedings of the Royal Society, London B* 276: 1485-1493.
73. Jablonski, D., and J.A. Finarelli, 2009. Congruence of morphologically-defined genera with molecular phylogenies. *Proceedings of the National Academy of Sciences USA* 106: 8262-8266.
74. Roy, K., G. Hunt, and D. Jablonski, 2009. Phylogenetic conservatism of extinctions in marine bivalves. *Science* 325: 733-737.
75. Jablonski, D., and J.A. Finarelli, 2009. Reply to Smith and O'Meara: The utility of morphogenera. *Proceedings of the National Academy of Sciences USA* 106: E99-E100.
76. Harnik, P. G., D. Jablonski, A. Z Krug, and J. W. Valentine, 2010. Genus age, provincial area and the taxonomic structure of marine faunas. *Proceedings of the Royal Society, London B* 277: 3427-3435.
77. Krug, A. Z., D. Jablonski, K. Roy, and A. G. Beu, 2010. Differential extinction and the contrasting structure of polar marine faunas. *PLoS One* 5(12): e15362.
78. Krug, A. Z., and D. Jablonski, 2012. Long-term origination rates are reset only at mass extinctions. *Geology* 40: 731-734.
79. Belanger, C.L., D. Jablonski, K. Roy, S. K Burke, A. Z Krug, and J. W. Valentine, 2012. Global

environmental predictors of benthic marine biogeographic structure. *Proceedings of the National Academy of Sciences USA* 109: 14046-14051.

80. Berke, S. K., D. Jablonski, A. Z. Krug, K. Roy, and A. Tomasovych, 2012. Size-latitude relationships in marine Bivalvia worldwide: Beyond Bergmann's Rule. *Global Ecology and Biogeography*, in press.
81. Valentine, J. W., D. Jablonski, A. Z. Krug, and S. K. Burke, 2013. The sampling and estimation of marine paleodiversity patterns: Implications of a Pliocene model. *Paleobiology*, in press.

BOOKS

1. Jablonski, D. 1972. *The Desert Warriors: WWII in North Africa*. New York: Lancer Books [Written to support college studies]
2. Fairbridge, R.W., and D. Jablonski, eds., 1979. *The Encyclopedia of Paleontology*. Stroudsburg, PA: Dowden, Hutchinson & Ross, 886 p.
3. Raup, D.M., and D. Jablonski, eds., 1986. *Patterns and Processes in the History of Life*. Berlin: Springer-Verlag, 447 p.
4. Jablonski, D., D.H. Erwin, and J.H. Lipps, eds., 1996. *Evolutionary Paleobiology*. University of Chicago Press, 484 p.

INVITED ARTICLES

1. Jablonski, D., 1978. Grapestone. In: R.W. Fairbridge and J. Bourgeois, eds., *The Encyclopedia of Sedimentology*. Stroudsburg, Pa.: Dowden, Hutchinson & Ross, 384-385.
2. Co-author of the following entries in Fairbridge, R.W., and D. Jablonski, eds., 1979. *The Encyclopedia of Paleontology*. Stroudsburg, Pa.: Dowden, Hutchinson & Ross: Living fossil (with T. Gordon); Larvae of marine invertebrates: Paleontological significance (with T. Hansen); Reefs and other carbonate buildups (with P.H. Heckel); Solnhofen Formation (with K.W. Barthel).
3. Jablonski, D., and J.W. Valentine, 1981. Onshore-offshore gradients in Recent Eastern Pacific shelf faunas and their paleobiogeographic significance. In: G.G.E. Scudder and J.L. Reveal, eds., *Evolution Today: Proc. 2nd Internat. Congr. Syst. Evol. Biol.*, 443-455.
4. Jablonski, D., 1982. Evolutionary rates and modes in Late Cretaceous gastropods: Role of larval ecology. *Proceedings of the 3rd North American Paleontological Convention* 1: 257-262.
5. Jablonski, D., 1982. Reefs, non-coral. In: M.L. Schwartz, ed., *The Encyclopedia of Beaches and Coastal Environments*. Stroudsburg, Pa.: Hutchinson Ross Publ. Co., 679-681.

6. Valentine, J.W., and D. Jablonski, 1983. Speciation in the shallow sea: General patterns and biogeographic controls. In: R.W. Sims, J.H. Price, and P.E.S. Whalley, eds., *Evolution, Time and Space*. Syst. Assoc. Spec. Vol. 23. London: Academic Press, 201-226.
7. Valentine, J.W., and D. Jablonski, 1983. Major determinants of the biogeographic pattern of the shallow-sea fauna. *Bulletin de la Société Géologique de France* 24: 893-899.
8. Lutz, R.A., and D. Jablonski, 1983. L'utilisation de la morphologie des coquilles larvaires de bivalves pour les études biogéographiques et paléobiogéographiques. *Bull. Soc. Géol. France* 24: 901-906.
9. Jablonski, D., 1983. Larva. *McGraw-Hill 1984 Yearbook of Science and Technology*, 241-245.
10. Jablonski, D., 1985. Molluscan development. In: D.J. Bottjer, C.S. Hickman, and P.D. Ward, eds., *Mollusks: Notes for a short course*. Univ. Tenn. Dept. Geol. Sci. Stud. Geol. 13: 33-49.
11. Jablonski, D., 1985. Marine regressions and mass extinctions: A test using the Recent biota. In: J.W. Valentine, ed., *Phanerozoic Diversity Patterns: Profiles in Macroevolution*. Princeton Univ. Press, 335-354.
12. Jablonski, D., 1986. Causes and consequences of mass extinctions: A comparative approach. In: D.K. Elliott, ed., *Dynamics of Extinction*. New York: Wiley, 183-229.
13. Jablonski, D., 1986. Mass extinctions: New answers, new questions. In: K. Mallory and L. Kaufman, eds., *The Last Extinction*. Cambridge, Mass.: MIT Press, 43-61.
14. Jablonski, D., 1986. Extinctions, ancient and present-day. *The Encyclopedia Americana*. Danbury, Conn.: Grolier.
15. Raup, D.M., and D. Jablonski, 1986. Introduction. In: D.M. Raup and D. Jablonski, eds., *Patterns and Processes in the History of Life*. Berlin: Springer-Verlag, 1-5.
16. Jablonski, D., S.J. Gould, and D.M. Raup, 1986. The nature of the fossil record: A biological perspective. In: D.M. Raup and D. Jablonski, eds., *Patterns and Processes in the History of Life*. Berlin: Springer-Verlag, 7-22.
17. Jablonski, D., 1986. Evolutionary consequences of mass extinctions. In: D.M. Raup and D. Jablonski, eds., *Patterns and Processes in the History of Life*. Berlin: Springer-Verlag, 313-329.
18. Flessa, K.W., H.K. Erben, A. Hallam, K.J. Hsü, H.M. Hussner, D. Jablonski, D.M. Raup, J.J. Sepkoski, Jr., M.E. Soule, W. Sousa, W. Stinnesbeck, and G.J. Vermeij, 1986. Causes and consequences of extinction. In: D.M. Raup and D. Jablonski, eds., *Patterns and Processes in History of Life*. Berlin: Springer-Verlag,
19. Bottjer, D.J., M.L. Droser, and D. Jablonski, 1987. Bathymetric trends in the history of trace fossils.

- In: D.J. Bottjer, ed., New concepts in the use of biogenic sedimentary structures for paleoenvironmental interpretation. Los Angeles: Pac. Sect., Soc. Econ. Paleont. Mineral., 57-65.
20. Jablonski, D., and D.J. Bottjer, 1988. Onshore-offshore evolutionary patterns in post-Paleozoic echinoderms. In: R.D. Burke et al., eds., *Echinoderm Biology, Proceedings of the 6th International Echinoderm Conference*. Rotterdam: Balkema, 81-90.
 21. Jablonski, D. 1989. The biology of mass extinction: A paleontological view. *Philosophical Transactions of the Royal Society, London B325*: 357-368.
 22. Jablonski, D. 1990. Mass extinctions: Extraterrestrial causes. In: D.E.G. Briggs and P.R. Crowther, eds., *Palaeobiology: A synthesis*. Oxford: Blackwell: Allen & Unwin, 164-171.
 23. Jablonski, D., and D.J. Bottjer, 1990. Onshore-offshore trends in marine invertebrate evolution. In: R.M. Ross and W.D. Allmon, eds., *Causes of Evolution: A Paleontological Perspective*. University of Chicago Press, 21-75.
 24. Jablonski, D., and D.J. Bottjer, 1990. The ecology of evolutionary innovations: The fossil record. In: M.H. Nitecki, ed., *Evolutionary innovations*. University of Chicago Press, 253-288.
 25. Jablonski, D., and D.J. Bottjer, 1990. The origin and diversification of major groups: Environmental patterns and macroevolutionary lags. In: P.D. Taylor and G.P. Larwood, eds., *Major evolutionary radiations*. Oxford: Clarendon Press, 17-57.
 26. Jablonski, D., 1991. Evolution and extinction: The fossil record. In: E.C. Dudley, ed., *The unity of evolutionary biology: Proc. 4th Internat. Congr. Syst. Evol. Biol.* Portland, OR: Dioscorides Press, 77-81.
 27. Damuth, J.D., D. Jablonski, J.A. Harris, R. Potts, R.K. Stuckey, H.-D. Sues, and D.B. Weishampel, 1992. Taxon-free characterization of animal communities. In: A.K. Behrensmeyer et al., *Evolutionary paleoecology of terrestrial animals and plants*. University of Chicago Press, 183-203.
 28. Wing, S.L., H.-D. Sues, B.H. Tiffney, R.K. Stuckey, D.B. Weishampel, R.A. Spicer, D. Jablonski, C.E. Badgley, M.V.H. Wilson, and W.L. Kovach, 1992. Mesozoic and early Cenozoic terrestrial ecosystems. In: A.K. Behrensmeyer et al., *Evolutionary paleoecology of terrestrial animals and plants*. University of Chicago Press, 327-416.
 29. Jablonski, D. 1993. Mass extinctions: New answers, new questions [expanded and updated]. In: K. Mallory and L. Kaufman, eds., *The Last Extinction*. 2nd Edition. Cambridge, Mass.: MIT Press, 44-68.
 30. Valentine, J.W., and D. Jablonski, 1993. Fossil communities: Compositional variation at many time scales. In: R.E. Ricklefs and D. Schluter, eds., *Species diversity in ecological communities: Historical and geographical perspectives*. University of Chicago Press, 341-349.

31. Jablonski, D., 1993. Dispersal and extinction. In: E.A. Norse, ed., *Global marine biological Diversity: A strategy for building conservation into decision making*. Washington DC: Island Press, 79-81.
32. Jablonski, D. 1994. Extinctions in the fossil record. *Philosophical Transactions of the Royal Society, London B344*: 11-17.
33. Roy, K., D. Jablonski, and J.W. Valentine, 1994. Eastern Pacific molluscan provinces and latitudinal diversity gradient: No evidence for Rapoport's Rule. *Proceedings of the National Academy of Sciences USA* 91: 8871-8874.
34. Jablonski, D. 1995. Extinction in the fossil record [expanded version]. In: R.M. May and J.H. Lawton, eds., *Extinction rates*. Oxford: Oxford University Press, 25-44.
35. Jablonski, D. 1996. La extincion de fondo frente a la extincion en masa. In: J. Agusti, ed., *La logica de las extinciones*. Barcelona: Tusquets Editoriales, 65-96.
36. Erwin, D.H., D. Jablonski, and J.H. Lipps, 1996. James W. Valentine: An appreciation. In: D. Jablonski, D.H. Erwin, and J.H. Lipps, eds., *Evolutionary Paleobiology*. University of Chicago Press, 1-17.
37. Jablonski, D. 1996. Body size and macroevolution. In: D. Jablonski, D.H. Erwin, and J.H. Lipps, eds., *Evolutionary Paleobiology*. University of Chicago Press, 256-289.
38. Flessa, K.W., and D. Jablonski, 1996. The geography of evolutionary turnover: A global analysis of extant bivalves. In: D. Jablonski, D.H. Erwin, and J.H. Lipps, eds., *Evolutionary Paleobiology*. University of Chicago Press, 376-397.
39. Jablonski, D. 1996. Mass Extinctions: Persistent problems and new directions. In: G. Ryder, D. Fastovsky, and S. Gartner, eds., *The Cretaceous-Tertiary Event and Other Catastrophes in Earth History (Snowbird III)*. Geol. Soc. Am. Spec. Paper 307: 1-11.
40. Jablonski, D. 1996. The rudists re-examined. *Nature* 383: 669-670.
41. Erwin, D.H., J.W. Valentine, and D. Jablonski, 1997. The origin of animal body plans. *Am. Sci.* 85: 126-137.
42. Jablonski, D. 1997. Progress at the K-T boundary. *Nature* 387: 354-355.
43. Jablonski, D. 1997. Presentation of the Paleontological Society Medal to James W. Valentine. *J. Paleontol.* 71: 739.
44. Jablonski, D., M.J. Benton, R.A. Gastaldo, C.R. Marshall, and J.J. Sepkoski, Jr. 1997. Macroevolution in the 21st Century. In: H.R. Lane, J. Lipps, F.F. Steininger and W. Ziegler,

- eds., Paleontology in the 21st Century Workshop. *Kleine Senckenbergreihe* 25: 111-119.
45. Jablonski, D. 1999. The future of the fossil record. *Science* 284: 2114-2116.
 46. Jablonski, D. 1999. Plate tectonics and evolution. In: J. Scotchmoor and D. Springer, eds., *Evolution: Investigating the evidence*. Paleontological Society, Special Publication 9: 283-292.
 47. Jablonski, D., M.J. Benton, R.A. Gastaldo, C.R. Marshall, and J.J. Sepkoski, Jr. 2000. Macroevolution. In: H.R. Lane, F.F. Steininger, R.L. Kaesler, W. Ziegler, and J.H. Lipps, eds., *Fossils and the future: paleontology in the 21st century*. Frankfurt: Kramer, 155-166.
 48. Aubry, M.-P., M.J. Benton, R.K. Bambach, D.H. Erwin, J. Flynn, J.M. Hayes, D. Jablonski, A.H. Knoll, J.T. Parrish, N. Schmidt-Kittler, H. Thierstein, and P. Westbroek, 2000. Research initiative: past and future dynamics of the biosphere. In: H.R. Lane, F.F. Steininger, R.L. Kaesler, W. Ziegler, and J.H. Lipps, eds., *Fossils and the future: paleontology in the 21st century*. Frankfurt: Kramer, 37-39.
 49. Jablonski, D., K. Roy, and J. W. Valentine, 2000. Analysing the latitudinal diversity gradient in marine bivalves. In: E. M. Harper, J. D. Taylor, and J. A. Crame, eds., *The evolutionary biology of the Bivalvia*. Geol. Soc. London Spec. Pub. 177: 361-365.
 50. Jablonski, D. 2001. Lessons from the past: Evolutionary impacts of mass extinctions. *Proceedings of the National Academy of Sciences USA* 98: 5393-5398.
 51. Jablonski, D. 2001. Origin of evolutionary novelties. In: D.E.G. Briggs and P.R. Crowther, eds., *Palaeobiology 2*. Oxford: Blackwell Science, 162-166.
 52. Jablonski, D., K. Roy, and J. W. Valentine, 2003. Evolutionary macroecology and the fossil record. In: T.M. Blackburn and K. J. Gaston, eds., *Macroecology: Concepts and consequences*. Oxford: Blackwell Science, 368-390.
 53. Jablonski, D. 2003. The interplay of physical and biotic factors in macroevolution. In: A. Lister and L. Rothschild, eds., *Evolution on planet Earth: The impact of the physical environment*. New York: Academic Press, 235-252.
 54. Valentine, J.W., and D. Jablonski, 2003. Morphological and developmental macroevolution: A paleontological perspective. *International Journal of Developmental Biology* 47: 517-522.
 55. Jablonski, D. 2004. Extinction: Past and present. *Nature* 427: 589.
 56. Jablonski, D. 2004. The evolutionary role of mass extinctions: Disaster, recovery and something in-between. In: P. D. Taylor, ed., *Extinctions in the history of life*. New York: Cambridge University Press, 151-177.
 57. Roy, K., D. Jablonski, and J.W. Valentine, 2004. Beyond species richness: biogeographic patterns and biodiversity dynamics using other metrics of diversity. In: M. V. Lomolino and L. R. Heaney eds. *Frontiers of Biogeography: New Directions in the Geography of Nature*. Sunderland, MA: Sinauer, 151-170.

58. Jablonski, D. 2008. Biotic interactions and macroevolution: Extensions and mismatches across scales and levels. *Evolution* 62: 715–739.
59. Jablonski, D. 2008. Extinction and the spatial dynamics of biodiversity. *Proceedings of the National Academy of Sciences USA* 105 (Suppl. 1): 11528-11535.
60. Jablonski, D. 2008. Species selection: Theory and data. *Annual Review of Ecology, Evolution and Systematics* 39: 501-524.
61. Jablonski, D. 2009. Paleontology in the twenty-first century. In: D. Sepkoski and M. Ruse, eds., *The Paleobiological Revolution: Essays on the growth of modern paleontology*. Chicago: University of Chicago Press, 471-517.
62. Jablonski, D. 2010. Origination patterns and multilevel processes in macroevolution. In: G. B. Müller and M. Pigliucci eds., *Evolution: The extended synthesis*. Cambridge, MA: MIT Press, 335-354.
63. Jablonski, D. 2010. Macroevolutionary trends in time and space. In: P. R. Grant and B. R. Grant, eds., *In search of the causes of evolution: From field observations to mechanisms*. Princeton, NJ: Princeton University Press, 25-43.
64. Valentine, J. W., and D. Jablonski, 2010. Origins of marine patterns of biodiversity: Some correlates and applications. *Palaeontology* 53: 1203-1210.

BOOK REVIEWS

1. Jablonski, D. 1985. [Review of] *Extinctions*, ed. by M.H. Nitecki. *Am. Sci.* 73: 486.
2. Jablonski, D. 1987. [Review of] *The Beginning of the Age of Dinosaurs*, ed. by K. Padian. *J. Geol.* 95: 845.
3. Jablonski, D. 1987. The invertebrate record [review of *Fossil Invertebrates*, ed. by R.S. Boardman, A.H. Cheetham, and A.J. Rowell]. *Science* 238: 1153.
4. Jablonski, D. 1989. [Review of] *The Age of Lamarck*, by P. Corsi. *J. Geol.* 97: 520.
5. Jablonski, D. 1989. [Review of] *Extinction and survival in the fossil record*, ed. by G.P. Larwood. *Hist. Biol.* 2: 268-270.
6. Jablonski, D. 1989. Neoconservative paleobiology [review of *Arguments on Evolution*, by A. Hoffman]. *Science* 245: 655-656.
7. Jablonski, D. 1990. [Review of] *Cenozoic Mollusca of New Zealand*, by A.G. Beu and P.A. Maxwell. *J. Geol.* 98: 799.
8. Jablonski, D. 1990 [Review of] *Origins and evolution of the Antarctic biota*, ed. by J.A. Crame. *Geol. Mag.* 127: 605-606.
9. Jablonski, D. 1991. [Review of] *Paleoecology: Concepts and applications*, 2nd Ed., by J.R. Dodd and

R.J. Stanton. *Geol. Mag.* 128: 397-398.

10. Jablonski, D. 1992. [Review of] *Heterochrony: The evolution of ontogeny*, by M.L. McKinney and K.J. McNamara. *J. Geol.* 100: 375.
11. Jablonski, D. 1992. [Review of] *Evolution and the fossil record*, ed. by K.C. Allen and D.E.G. Briggs. *J. Evol. Biol.* 5: 357-359.
12. Jablonski, D. 1993. [Review of] *Environmental evolution*, ed. by L. Margulis and L. Olendzenski. *Am. Sci.* 81: 186-187.
13. Jablonski, D. 1993. [Review of] *Molds, Molecules, and Metazoa: Growing Points in Evolutionary Biology*, ed. by P.R. Grant and H.S. Horn. *Q. Rev. Biol.* 68: 430-431.
14. Jablonski, D. 1994. [Review of] *The Fossil Record 2*, ed. by M.J. Benton. *J. Geol.*
15. Jablonski, D. 1994. Offspring in the sea [review of: *The bio-physics of marine larval dispersal*, ed. by P.W. Sammarco and M.L. Heron, and *Reproduction, larval biology, and recruitment of the deep-sea benthos*, ed. by C.M. Young and K.J. Eckelbarger.] *Science* 266: 2029-2031.
16. Jablonski, D. 1998. [Review of] *Miniature Vertebrates: The implications of small body size*, ed. by P.J. Miller. *Amer. Zool.* 38: 260-261.
17. Jablonski, D. 2002. A more modern synthesis [review of S.J. Gould, *The structure of evolutionary theory*]. *American Scientist* 90: 368-371.
18. Jablonski, D. 2007. A multilevel exploration [review of S. Okasha, *Evolution and the Levels of Selection*]. *Science* 316: 1428-1429.

ABSTRACTS, REFEREED

1. Jablonski, D., 1978. Late Cretaceous gastropod protoconchs. *Geol. Soc. Am. Abstr.* 10: 49
2. Jablonski, D., and R.A. Lutz, 1978. Larval and juvenile bivalves from Late Cretaceous sediments. *Geol. Soc. Am. Abstr.* 10: 49.
3. Jablonski, D., 1978. Transgressions, regressions, and endemism in Gulf Coast Cretaceous mollusks. *Geol. Soc. Am. Abstr.* 10: 427-428.
4. Lutz, R.A., and D. Jablonski, 1978. Paleoclimatic implications of environmentally-controlled variation in the shell morphometry of larval bivalves. *Geol. Soc. Am. Abstr.* 10: 448-449.
5. Jablonski, D., 1979. The adaptive radiation of the neogastropods: Taxonomic structure. *Geol. Soc. Am. Abstr.* 11: 449-450.
6. Lutz, R.A., D.C. Rhoads, D. Jablonski, and R.D. Turner, 1979. Deep-sea hydrothermal vent bivalves: Ecological and paleoecological implications of shell structure, mineralogy, and micromorphology. *Geol. Soc. Am. Abstr.* 11: 470.
7. Jablonski, D., 1980. Predator-resistant traits in Late Cretaceous gastropods and their significance in the evolution of benthic communities. *Geol. Soc. Am. Abstr.* 12: 454.
8. Lutz, R.A., and D. Jablonski, 1981. Evolutionary stasis and adaptive significance of larval bivalve

shell structure and form. *Geol. Soc. Am. Abstr.* 13: 143.

9. Jablonski, D., and D.J. Bottjer, 1981. Soft-bottom epifaunal suspension-feeding assemblages in the Late Cretaceous: Implications for the evolution of benthic communities. *Geol. Soc. Am. Abstr.* 13: 479.
10. Valentine, J.W., and D. Jablonski, 1982. Larval adaptations and patterns of brachiopod diversity in space and time. *Geol. Soc. Am. Abstr.* 14: 241.
11. Jablonski, D., 1982. Marine regressions and mass extinctions: Species-area effects are not enough. *Geol. Soc. Am. Abstr.* 14: 521.
12. Jablonski, D., 1983. Apparent vs. real extinctions at the end of the Cretaceous Period. *Geol. Soc. Am. Abstr.* 15: 602.
13. Jablonski, D., 1984. Background versus mass extinctions: The alternation of macroevolutionary regimes. *Geol. Soc. Am. Abstr.* 16: 549.
14. Kidwell, S.M., and D. Jablonski, 1984. Taphonomic feedback: The effects of shell accumulation on living communities. *Geol. Soc. Am. Abstr.* 16: 149.
15. Bottjer, D.J., and D. Jablonski, 1985. Onshore-offshore trends in benthic faunal change: Driven by clade origination. *Geol. Soc. Am. Abstr.* 17: 529.
16. Jablonski, D., 1985. Biogeography and extinction. *Geol. Soc. Am. Abstr.* 17: 617.
17. Bottjer, D.J., M.L. Droser, and D. Jablonski, 1986. Bathymetric trends in the history of trace fossils: Integration with the ichnofacies concept. *Geol. Soc. Am. Abstr.* 18: 548.
18. Jablonski, D., and D.J. Bottjer, 1986. Onshore-offshore evolutionary patterns: Discordance across hierarchical levels. *Geol. Soc. Am. Abstr.* 18: 644.
19. Jablonski, D. 1987. How pervasive is Cope's Rule? A test using Late Cretaceous mollusks. *Geol. Soc. Am. Abstr.* 19: 713-714.
20. Jablonski, D., and D.J. Bottjer, 1988. On the origin of orders: Post-Paleozoic ecological patterns. *Geol. Soc. Am. Abstr.* 20: A104.
21. Jablonski, D. 1989. Cretaceous-Tertiary bivalves of Europe and North America: Comparison of patterns of extinction and rebound. *Geol. Soc. Am. Abstr.* 21: A209.
22. Jablonski, D., and A.B. Smith, 1990. Ecology and phylogeny: Environmental patterns in the evolution of the echinoid order Salenioida. *Geol. Soc. Am. Abstr.* 22: A266.
23. Jablonski, D. 1991. Out of the frying pan and into the fire? Tethyan vs. Northern Hemisphere extinction patterns in end-Cretaceous bivalves. *Geol. Soc. Am. Abstr.* 23: A162.
24. Flessa, K.W., and D. Jablonski, 1994. Evolutionary dynamics of global diversity patterns: Age distributions of Recent bivalves. *Geol. Soc. Am. Abstr.* 26: A-175.
25. Jablonski, D. 1994. Body size and macroevolutionary patterns in marine invertebrates. *Geol. Soc. Am. Abstr.* 26: A-175.

26. Raup, D.M., and D. Jablonski, 1994. Lack of selective extinction among end-Cretaceous bivalves. *Geol. Soc. Am. Abstr.* 26: A-394.
27. Roy, K., D. Jablonski, and J.W. Valentine, 1994. Latitudinal ranges and the diversity gradient in Eastern Pacific mollusks. *Geol. Soc. Am. Abstr.* 26: A-171
28. Jablonski, D. 1995. The biogeography of rebounds: comparisons among K-T bivalves. *Geol. Soc. Am. Abstr.* 27: A-164
29. Roy, K., D. Jablonski, and J.W. Valentine, 1995. Ecology of species range shifts in response to climate change: patterns in Pleistocene marine mollusks. *Geol. Soc. Am. Abstr.* 27: A-167.
30. Roy, K., D. Jablonski, and J.W. Valentine, 1996. Community stability through time: Null models and the role of biogeographic structure. *Geol. Soc. Am. Abstr.* 28: A-178
31. Valentine, J.W., D. Jablonski, and D.H. Erwin, 1996. Reconstructing the protostome/deuterostome ancestor: The uses of history. *Geol. Soc. Am. Abstr.* 28: A-52.
32. Valentine, J.W., K. Roy, D. Jablonski, and G.D. Rosenberg, 1997. Latitudinal diversity gradients in marine mollusks: Comparative tests of causal hypotheses. *Geol. Soc. Am. Abstr.* 29: A-32.
33. Jablonski, D., K. Roy, and J.W. Valentine, 1998. Invariant size-frequency distributions along a latitudinal gradient in marine bivalves: Evolutionary mechanisms and implications. *Geol. Soc. Am. Abstr.* 30: A-326.
34. Jablonski, D., K. Roy, and J.W. Valentine, 1999. Dissecting latitudinal diversity gradients: Clades and functional groups in eastern Pacific mollusks. *Geol. Soc. Am. Abstr.* 31: A399.
35. Valentine, J.W., K. Roy, and D. Jablonski, 2000. Tropical vs. extratropical patterns in carnivore/noncarnivore ratios in marine gastropods. *Geol. Soc. Am. Abstr.* 32: A-197.
36. Jablonski, D. 2003. Mass extinctions and macroevolution: Blood, sweat, and tiers. *Geol. Soc. Am. Abstr.* 34: 33.
37. Roy, K., D. Jablonski, and J.W. Valentine, 2003. Paleontological insights into the origin and maintenance of the present-day latitudinal diversity gradient. *Geol. Soc. Am. Abstr.* 34: 84-85.
38. Jablonski, D., K. Roy, and J.W. Valentine, 2005. Dynamics of the latitudinal diversity gradient: Analyses of marine bivalves. *Geol. Soc. Am. Abstr.* 37: 527.
39. Jablonski, D., J. A. Finarelli, and K. Roy, 2006. What, if anything, is a genus? Testing the analytical units of paleobiology against molecular data. *Geol. Soc. Am. Abstr.* 38 (7): 169.
40. Krug, A. Z., D. Jablonski, K. Roy, and J.W. Valentine, 2006. Contrasting bivalve latitudinal diversity gradients shaped by Cenozoic origination patterns. *Geol. Soc. Am. Abstr.* 38 (7): 169.
41. Jablonski, D., A. Z. Krug, K. Roy, and J.W. Valentine, 2007. Dynamics of the latitudinal diversity gradient: Fossil record of "normal" and contrarian clades. *Ecological Society of America Annual Meeting Abstract SYMP* 7-9.
42. Krug, A., D. Jablonski, and J.W. Valentine, 2007. Geographic range, taxonomic structure, and global

diversity patterns in marine bivalves. Geological Society of America Abstracts with Programs 39: 90-91.

43. Valentine, J.W., D. Jablonski, A. Z. Krug, and K. Roy, 2007. Incumbency and latitudinal diversity gradients. Geological Society of America Abstracts with Programs 39 (6): 91.
44. Krug, A.Z., D. Jablonski, J. W. Valentine, and K. Roy, 2008. Evolutionary signature of the end-Cretaceous extinction in modern biotas. Geological Society of America Abstracts with Programs 40 (6): 404
45. Krug, A.Z., S. Berke, D. Jablonski., and A. Beu, 2010. The role of primary productivity in the divergent evolutionary histories of modern polar faunas. Geological Society of America Abstracts with Programs 42 (5): 374
46. Tomasovych, A., S. K. Berke, A. Z. Krug, D. Jablonski, and J. W. Valentine 2010. Latitudinal variation in range size of marine bivalves: nestedness and range expansion in the tropics. Geological Society of America Abstracts with Programs 42 (5): 374.
47. Krug, A.Z., and D. Jablonski, 2011. Long-term origination rates are re-set at mass extinctions. Geological Society of America Abstracts with Programs 43 (5): 542.
48. Krug, A.Z., J. W. Valentine, D. Jablonski, and S. K Burke, 2013. The sampling and estimation of marine paleodiversity patterns: Implications of a Pliocene model. Geological Society of America Abstracts with Programs 44 (7): 625.

ABSTRACTS, NON-REFEREED

1. Lutz, R.A., and D. Jablonski, 1978. Classification of bivalve larvae and early post-larvae using scanning electron microscopy. Am. Zool. 18: 647.
2. Lutz, R.A., and D. Jablonski, 1979. Micro- and ultramorphology of larval bivalve shells: Ecological, paleoecological and paleoclimatological applications. Proc. Natl. Shellf. Assoc. 69: 197-198.
3. Lutz, R.A., D.C. Rhoads, D. Jablonski, and R.D. Turner, 1979. High larval dispersal capability of a deep-sea hydrothermal vent bivalve from the Galapagos Rift. Am. Zool. 19: 927.
4. Jablonski, D., and J.W. Valentine, 1980. Adaptive strategies in Recent Pacific Rim shelf benthos and implications for Cenozoic paleobiogeography. 2nd Internat. Congr. Syst. Evol. Biol. Abstr., 52.
5. Jablonski, D., 1980. Adaptive radiations: Fossil evidence for two modes. 2nd Internat. Congr. Syst. Evol. Biol. Abstr., 243.
6. Jablonski, D., 1982. Marine regressions and mass extinctions: A test using the Recent biota. Am. Assoc. Adv. Sci., Pac. Section, Proc., 45.
7. Jablonski, D., 1982. Evolutionary rates and modes in Late Cretaceous gastropods: Role of larval ecology. J. Paleontol. 56 [Suppl. to No. 2]: 13.
8. Jablonski, D., 1983. Mass extinctions, hypothesis-testing, and the fossil record: Ecological and biogeographic patterns as critical data. Dynamics of Extinction Conference, Abstr., 8-9.
9. Jablonski, D., and K.W. Flessa, 1984. Taxonomic structure of shallow-marine faunas: Implications for Phanerozoic extinctions. Am. Malac. Bull. 3.

10. Bottjer, D.J., and D. Jablonski, 1985. Onshore-offshore evolutionary patterns in benthic macroinvertebrates: Implications for paleoenvironmental interpretations. Soc. Econ. Paleont. Mineral. Ann. Midyear Mtg., Abstr. 2: 13-14.
11. Jablonski, D., 1985. The macroevolutionary significance of mass extinctions. 3rd Internat. Congr. Syst. Evol. Biol. Abstr., 84.
12. Bottjer, D.J., and D. Jablonski, 1986. Onshore-offshore trends in the evolution of benthic macroinvertebrates: Role of mass extinction. 4th N. Am. Paleont. Conv. Abstr., A5.
13. Flessa, K.W., and D. Jablonski, 1986. The biogeographic structure of Recent marine bivalves: Implications for patterns of extinction in the fossil record. 4th N. Am. Paleont. Conv. Abstr., A15.
14. Jablonski, D., 1986. Heritability at the species level: A prerequisite for macroevolution through differential speciation and extinction. 4th N. Am. Paleont. Conv. Abstr., A21.
15. Bottjer, D.J., D. Jablonski, and M.L. Droser, 1986. Onshore-offshore trends in the evolution of benthic macroinvertebrates. Soc. Econ. Paleont. Mineral. Midyear Mtg., Abstr. 3:
16. Droser, M.L., D.J. Bottjer, and D. Jablonski, 1988. Environmental patterns in the origins of deep-water corals: A preliminary analysis. 5th International Symposium on Fossil Cnidaria.
17. Flessa, K.W., and D. Jablonski, 1988. Marine bivalve molluscs of the world: A computer database. Ann. Rept. W. Soc. Malac. 20: 26.
18. Jablonski, D., and D.J. Bottjer, 1989. Origin and radiation of post-Paleozoic marine invertebrates: Ecological patterns and macroevolutionary lags. 28th Internat. Geol. Congr., Abstr. 2: 108.
19. Jablonski, D., and D.J. Bottjer, 1989. Environmental patterns in the origin and diversification of major groups. Abstracts, Systematics Association Symposium, Major Evolutionary Radiations, University of Durham, U.K., p. 12.
20. Jablonski, D. 1990. Evolution and extinction: An overview, with new evidence from the end-Cretaceous mass extinction. 4th Internat. Congr. Syst. Evol. Biol., p. 109.
21. Jablonski, D. 1990. Extinction and rebound at the K-T boundary: Comparison of North American and European patterns. Global Biological Events Meeting, Abstracts, p. 5.
22. Flessa, K.W., and D. Jablonski, 1992. Biogeography of Recent marine bivalve molluscs: Implications for the geography of extinction. 5th N. Am. Paleont. Conv. Abstr., p. 99.
23. Lidgard, S., P.D. Taylor, and D. Jablonski, 1992. Comparative ecology of bryozoan radiations: Origin of novelties in cyclostomes and cheilostomes. 5th N. Am. Paleont. Conv. Abstr., p. 184.
24. Jablonski, D. 1992. Nothing new under the sun? Tropical vs. temperate patterns in the biogeography of evolutionary innovation. 5th N. Am. Paleont. Conv. Abstr., p. 143.
25. Jablonski, D. 1994. Mass Extinctions: Persistent problems and new directions. In: New Developments Regarding the K-T Event and Other Catastrophes in Earth History (Snowbird III). Lunar and Planetary Inst., Houston, Contrib. 825: 57-57.

26. Jablonski, D. 1994. Origin and destruction of marine biodiversity: The fossil record. A.A.A.S. Annual Meeting, Program/Abstracts, p. 23.
27. Jablonski, D. 1994. Origin of major novelties in the fossil record: Ecological and biogeographic patterns. Indiana Molecular Biology Symposium VIII: Origins and evolution of animal bodyplans, Abstracts, p. 7.
28. Valentine, J.W., K. Roy, and D. Jablonski, 1994. Biotic response to global climate change: Principally biogeographic, not evolutionary. Am. Geophys. Union Annual Meeting, Eos 75 (44, Suppl.): 79.
29. Jablonski, D. 1995. The paleobiology of mass extinctions. International Conference on Near-Earth Objects, United Nations, N.Y., Abstracts, p. 49; also Ann. N.Y. Acad. Sci. 822:398 (1997).
30. Erwin, D.H., J.W. Valentine, and D. Jablonski, 1995. The developmental evolution of metazoan body plans: The fossil evidence. Fifth Congress of the European Society of Evolutionary Biology, Edinburgh, Scotland.
31. Jablonski, D. 1996. Molluscan recovery from the K-T event: The reassembly of provincial biotas. 6th N. Amer. Paleont. Conv. Abstr., p. 190.
32. Roy, K., D. Jablonski, and J.W. Valentine, 1996. Biogeographic and evolutionary controls on the marine latitudinal diversity gradient. 6th North American Paleontological Convention Abstracts p. 331.
33. Jablonski, D. 1997. Biogeography of the molluscan recovery from the end-Cretaceous mass extinction. UNESCO-IGCP Project #335, "Biotic Recoveries from Mass Extinctions" Final conference, Abstracts volume, p. 33.
34. Jablonski, D. 1999. The tension between biotic and physical factors in evolution. Evolution on Planet Earth: The impact of the physical environment. Linnean Society/NASA/Centre for Ecology and Evolution conference, Abstracts volume, p. 17-18.
35. Jablonski, D., K. Roy, and J.W. Valentine, 1999. Dissecting the latitudinal diversity gradient in marine bivalves. Biology and evolution of the Bivalvia, Paper and Poster Abstracts, p. 24
36. Jablonski, D. 1999. Evolutionary bursts, evolutionary failures, and biological invasions: Spatial variation in the recovery from the K-T extinction. EOS, Transactions, AGU 80 (46): F50-F51.
37. Jablonski, D. 2000. Evolutionary paleobiology: Crises and opportunities in the history of life. EOS, Transactions, American Geophysical Union 81 (46): F211.
38. Jablonski, D. 2001. The ecology and biogeography of evolutionary innovation. International Conference on Paleobiogeography and Paleoecology, Piacenza, Italy, p. 6.
39. Jablonski, D., K. Roy, and J.W. Valentine, 2002. Macroecology and paleobiology. Macroecology: Reconciling divergent perspectives on large scale ecological patterns, British Ecological Society, Birmingham, England, p. 8.
40. Roy, K., and D. Jablonski, 2002. Macroecology of body size: a marine perspective. Ecological Society of America Annual Meeting.

41. Kiessling, W., and D. Jablonski, 2002. Extinction of the rudists at the Cretaceous-Paleogene boundary. 6th International Congress on Rudists, Abstracts, p. 29.
42. Jablonski, D., K. Roy, J.W. Valentine, R.M. Price, and P.S. Anderson, 2002. Pull of the Recent? What Pull of the Recent? An analysis of marine bivalves. *Geol. Soc. Am. Abstr.* 34: 542.
43. Roy, K., D. Jablonski, and J.W. Valentine, 2003. Diversity in the sea: Past, present and (?) future. *International Biogeography Symposium: Frontiers in biogeography*
44. Jablonski, D. 2004. Evolutionary innovations in the fossil record: Patterns in time and space. *Society for Integrative and Comparative Biology Annual Meeting, Final Program and Abstracts*, p. 269; *Integrative and Comparative Biology* 43: 969.
45. Jablonski, D., K. Roy, J.W. Valentine, 2004. The dynamics of global biodiversity gradients: Insights from the fossil record. *Int. J. Astrobiology* 2004 (Suppl.): 5-6.
46. Jablonski, D., K. Roy, J.W. Valentine, 2005. Dynamics of the latitudinal biodiversity gradient: Analyses of Neogene bivalves. 8th North American Paleontological Convention Abstracts. *PaleoBios* 25 (Suppl. to No. 2): 64.
47. Jablonski, D., A. Z. Krug, K. Roy, and J.W. Valentine, 2007. Dynamics of the latitudinal diversity gradient: Fossil record of “normal” and contrarian clades. 92nd Ann. Mtg. *Ecol. Soc. Amer. Abstr.* SYMP-7-9.
48. Jablonski, D. 2007. Extinction and the spatial and temporal dynamics of biodiversity. Arthur M. Sackler Colloquia of the National Academy of Sciences, *In the Light of Evolution II: Biodiversity and Extinction*, p. 10.
49. Krug, A. Z., D. Jablonski, J.W. Valentine, and K. Roy, 2008. Generation of the first-order biodiversity pattern on Earth. *Astrobiology* 8: 470.
50. Krug, A.Z., D. Jablonski, J.W. Valentine, and K. Roy, 2008. Evolutionary signature of the end-Cretaceous extinction in modern biotas. *Geol. Soc. Am. Abstr. Progr.*
51. Krug, A.Z., D. Jablonski, K. Roy, and J. W. Valentine, 2009. Tropical trees, boreal twigs: Phylogenetic diversity and the spatial dynamics of Bivalvia. 9th North American Paleontological Convention Abstracts, Cincinnati Museum Center Scientific Contributions Number 3, p. 192.
52. Jablonski, D. 2009. Paleontology and evolutionary biology: The revitalized partnership. *Darwin: Chicago 2009, Abstracts and program*, p. 25.
53. Bieler, R., Mikkelsen, P.M., Jablonski, D.I., Stepan, S.J., Huelsenbeck, J.P., Sartori, A.F., Robles, R., Tomašových, A., ter Poorten, J.J., Herrera, N. and Matzke, N. 2010. Bivalves in Time and Space (BiTS): Developing Bivalves as a Preeminent Model for Macroevolutionary Studies. In: *Abstracts of the 2010 World Congress of Malacology*.
54. Bieler, R., Mikkelsen, P.M., Jablonski, D.I., Stepan, S.J., Huelsenbeck, J.P., Sartori, A.F., Robles, R., Tomašových, A., ter Poorten, J.J., Herrera, N. and Matzke, N. 2010. Bivalves in Time and Space (BiTS): Testing Macroevolutionary Methods against the Bivalve Fossil Record. In: *Abstracts of the 2010 Joint Meeting of The American Malacological Society & The Western Society of Malacologists*.

55. Berke, S. K., and D Jablonski, 2010. Testing relationships between body size, temperature, and productivity: A global analysis for marine bivalves. Gordon Research Conference on Metabolic Basis of Ecology.
56. Berke, S.K., D. Jablonski. A.Z. Krug, A. Tomasovych, and J.W. Valentine, 2010. Renegade clams: Marine bivalves follow neither Bergmann's Rule nor its converse. *Integrative and Comparative Biology* 51 (Suppl. 1): E10.
57. Jablonski, D., S.K. Berke. A.Z. Krug, A. Tomasovych, K. Roy, and J.W. Valentine, 2010. Range expansion and speciation in the dynamics of the marine latitudinal diversity gradient. *Integrative and Comparative Biology* 51 (Suppl. 1): E63.
58. Krug, A.Z., D. Jablonski, and A. Beu, 2010. Phylogenetically structured extinction and the evolution of polar marine faunas. International Palaeontology Congress 3, London.
59. Krug, A.Z., D., Jablonski, and J. W. Valentine, 2010. The impact of the impact: Signature of the end-Cretaceous mass extinction in the modern biota. Astrobiology Science Conference.
60. Tomasovych, A., S.H. Berke, D. Jablonski, A.Z. Krug, K. Roy, J.W. Valentine, 2011. Non-linear climatic gradients decouple latitudinal range from environmental specialization. Oral Abstract Booklet: Our Oceans Our Future, World Conference on Marine Biodiversity, University of Aberdeen, p. 38.
61. Berke S.H., D. Jablonski, A.Z. Krug, 2012. Do clams of a feather arise together? Evolutionary dynamics, latitudinal gradients, and the global deployment of bivalve life habits. 2012 Society for Integrative and Comparative Biology Annual Meeting.
62. Chiang, S., C. L. Belanger, S. H. Berke, and D. Jablonski, 2013. Does oceanography constrain marine bivalve invasions? 2013 Society for Integrative and Comparative Biology Annual Meeting.