
Curriculum Vitae

Michał Kowalewski

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EDUCATION

Ph.D in Geosciences (1995), Department of Geosciences, University of Arizona (Advisor: K.W. Flessa)
M.S in Geology (1990), Department of Geology, University of Warsaw, Poland (Advisor: A. Hoffman)

EMPLOYMENT

2007–present Professor (Department of Geosciences, Virginia Tech, Blacksburg)
2003–2007 Associate Professor (Department of Geosciences, Virginia Tech, Blacksburg)
1998–2002 Assistant Professor (Department of Geosciences, Virginia Tech, Blacksburg)
1996–1998 Researcher (Institute of Paleobiology, Polish Academy of Sciences, Warsaw, Poland)
1997–1998 Humboldt Fellow (Institut Geologie & Paläontologie, Universität Tübingen, Germany)
1995–1996 Post-Doctoral Researcher & Instructor (Dept. Geosciences, Univ. Arizona, Tucson)

AWARDS

2005 Charles Schuchert Award (Paleontological Society)
2005 Fellow, Paleontological Society
1999 Ralph E. Powe Junior Faculty Award (Oak Ridge Associated Universities)
1993 Outstanding Student Research Award, Geological Society of America (*GSA Today*, 3(9))

FELLOWSHIPS

2006 ISA Fellowship, Institute of Advanced Studies, University of Bologna, Italy
2003, 2005 Alexander von Humboldt Research Fellowship
1999, 2000 Nominated for the Packard Fellowship (Virginia Polytechnic Institute & State University)
1996–1997 Alexander von Humboldt Research Fellowship
1995 NATO Science Fellowship (declined due to an alternative offer)
1993 Harold T. Stearns Fellowship, Geological Society of America (1993)

EDITORIAL BOARDS

2001–active *Palaios*, International Journal of Sedimentary Geology [SEPM]
2002–active *Journal of Taphonomy*, Prometheus Press
2007–active *The Open Geology Journal*, Bentham Science Publishers
2007–active *The Open Paleontology Journal*, Bentham Science Publishers

FUNDING AGENCY PANELS

2007 Sedimentary Geology and Paleobiology Program, National Science Foundation
2008-active An External Evaluator for the National Science Foundation of Georgia

OTHER APPOINTMENTS AND RECOGNITION

2009 Scholar of the Week (Virginia Tech)
2007–2009 Co-PI / Co-coordinator, Working Group, National Evolutionary Synthesis Center

¹ A complete CV file including additional details can be accessed at <http://www.paleo.geos.vt.edu/MK/cv-full.pdf>

2007–2008	Chair, Stephen J. Gould Student Grants Committee, Paleontological Society
2004–active	Adjunct Faculty (Department of Biology, Virginia Tech, Blacksburg)
2004, 2006	Visiting Associate Professor (Friday Harbor Laboratories, Univ. of Washington)
2003–2006	Advisory Board Member, Paleobiology Database (National Center for Ecological Analysis & Synthesis, University of California, Santa Barbara)
2002	Visiting Assistant Professor (Friday Harbor Laboratories, Univ. of Washington)
2001–active	Member, Taphonomy Group, Paleobiology Database (National Center for Ecological Analysis & Synthesis, University of California, Santa Barbara)
2001–2006	Committee Member, PALSIRP-Sepkoski Grants, Paleontological Society International Research Program

TEACHING & ADVISING

UNDERGRADUATE TEACHING

1. Earth and Life through Time (Geos 1014) – Dept. Geosciences, Virginia Tech (taught 9 times)
2. Introduction to Historical Geology (Geos.102), Dept. Geosciences, Univ. Arizona (taught 1 time)
3. Paleontology (Geol 3604) – Department of Geosciences, Virginia Tech (taught 8 times)

GRADUATE TEACHING

1. Analytical Geosciences (Geos 5004) – Geosciences, Virginia Tech (taught 1 time)
2. Current Topics in Geobiology (Geol 5984/6304) – Geosciences, Virginia Tech (taught 11 times)
3. Quantitative Paleobiology (Geol 5984) – Dept. Geosciences, Virginia Tech (taught 3 times)
4. Advanced Topics in Paleontology (Geol 6304) – Dept. Geol. Sciences, Virginia Tech (taught 3 times)
5. Morphometrics (Geol/Biol 5384) – Dept. Geosciences, Virginia Tech (taught 4 times)
6. Statistical Workshop (Statistics Using SAS) (Geos.599) – Geosciences, U. Arizona (taught 1 time)
7. Taphonomy Seminar (Geos.5961) – Geosciences, U. Arizona (co-taught with K.W. Flessa, 1 time)

FIELD COURSES

1. *Paleobiology: Invertebrate Taphonomy* (Zoology 577) (2002) – Friday Harbor Labs, U. Washington (co-taught with M. LaBarbera) (student projects published as a special issue of *Palaios*, 2004, v. 19, no. 5)
2. *Predator-Prey Interactions: Experimental and Field Approaches in Biology and Paleontology* (Biology 533) (2004) – Friday Harbor Labs, U. Washington (co-taught with L. Leighton) (student project published as a special theme section of *Journal of Shellfish Research*, 2007, v. 26, no. 1)
3. *Predator-Prey Interactions: Experimental and Field Approaches* (Biology 533) (2006) – Friday Harbor Labs, University of Washington (co-taught with L. Leighton)

INTERNATIONAL SUMMER COURSES

1. *Quantitative Paleontology* – International Summer School, University of Bologna, Italy, May 2008
2. *Quantitative Paleontology* – International Summer School, University of Bologna, Italy, June 2007

POST-DOCTORAL RESEARCHERS

1. Daniele Scarponi, Ph.D. University of Bologna, Marco Polo Scholar, Italy (2003-2005)
2. Yurena Yanes, Ph.D., University of La Laguna, Canary Islands, Spain (2005-2007)
3. Richard A. Krause, Jr., Ph.D., Virginia Tech, Blacksburg (2006-2007)
4. John W. Huntley, Ph.D., Virginia Tech, Blacksburg (2007-2008)
5. Claudio de Francesco, Ph.D., University of Mar del Plata, Fulbright Scholar, Argentina (2007)

GRADUATE STUDENTS (COMPLETED) [6 Ph.D., 4 M.S.] (current/most recent appointment)

1. Matt Powell, (M.S. 2000) (Ph.D., Johns Hopkins; Assistant Professor, Juniata College)
 2. Monica Carroll (M.S. 2001) (Ph.D., U. Georgia; a research technician, Illinois)
 3. Alan P. Hoffmeister (Ph.D. 2002) (Assistant Professor at SUNY Oswego)
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4. David L. Rodland (Ph.D. 2003) (Assistant Professor at Muskingum College)
5. Megan Brown (M.S. 2004) (Ph.D. student, University of Florida)
6. Michelle M. Casey, (M.S. 2005) (Ph.D. student, Yale) [co-advised by N. Fraser, VMNH]
7. Jennifer A. Stempien (Ph.D. 2006) (Post-doctoral researcher at University of Colorado)
8. Susan L. Barbour Wood (Ph.D. 2006) (Assistant Professor at Western Carolina University)
9. Richard A. Krause, Jr. (Ph.D. 2006) (Humboldt Fellow, Naturkunde Museum, Berlin)
10. John Huntley, Ph.D. (Ph.D. 2007) (Visiting Assistant Professor at University of Kentucky)

GRADUATE STUDENTS (CURRENT) [4 PH.D., 2 M.S.]

1. Peter Voice, Ph.D. candidate (Fall 2005 – present)
2. Troy Dexter, Ph.D. candidate (Fall 2006 – present)
3. Matthew Bychowski, M.S. candidate (Fall 2006 – present)
4. Majken Schimmel, M.S. candidate (Fall 2008 – present)
5. Amy Smith, Ph.D. candidate (Fall 2007 – present) [co-advised by N. Fraser, VMNH]
6. Carrie Tyler, Ph.D. candidate (Fall 2007 – present)
7. Jacelyn Wittmer, Ph.D. candidate (Fall 2009 – present)

COMMITTEE MEMBER FOR THE FOLLOWING GRADUATE STUDENTS [16]

1. Evan Anderson, M.S. candidate (Virginia Tech, current)
2. Ra'ed Al-Dukhayyil, Ph.D. candidate (Virginia Tech, current)
3. Michael Nakagaki, M.S. candidate (Virginia Tech, 2009)
4. James Schiffbauer, Ph.D. (Virginia Tech, 2009)
5. Kristyn DeMarco, M.S. (Virginia Tech, 2009)
6. Lin Dong, Ph.D. (Virginia Tech, 2007)
7. Bing Shen, Ph.D. (Virginia Tech, 2007)
8. Nasser Al-Ghamdi, M.S. (Virginia Tech, 2006)
9. Frank Evans, M.S. (Virginia Tech, 2005)
10. Monica Carroll, Ph.D. (U. Georgia, 2006)
11. Jason Reed, Ph.D. (Virginia Tech, 2003)
12. Roderick Brame, Ph.D. (Virginia Tech, 2003)
13. Jenny LaGesse, M.S. (Virginia Tech, 2003)
14. Brooke Wilborn, M.S. (Virginia Tech, 2001)
15. Andrew Bush, M.S. (Virginia Tech, 1999)
16. Gwen Daley, Ph.D. (Virginia Tech, 1999)

UNDERGRADUATE STUDENTS

An undergraduate advisor for Geology Option majors (~6 advisees per year, >20 students total)

RESEARCH & PROFESSIONAL SERVICE

CURRENT RESEARCH INTERESTS

● Marine Paleoeology and Ecology; ● Taphonomy; ● Conservation Paleobiology; ● Macroevolution; ● Time-Averaging; ● Quaternary Geochronology (Radiocarbon and Amino-Acid Dating); ● Paleoclimatology (Stable Isotopes, Trace Elements, Sclerochronology); ● Statistical and Computer-Intensive Approaches; ● Brachiopods; ● Aquatic Benthic Mollusks; ● Trace Fossils

RESEARCH GRANTS FROM EXTERNAL FUNDING AGENCIES (\$1047K total; \$787K VT)

1. National Science Foundation (Sedimentary Geology and Paleobiology), EAR-0920075 – Stratigraphic Paleobiology of Marine Quaternary Successions of Po Plain, Italy; PI: M. Kowalewski; \$227,555; 7/2009 – 6/2012.
2. National Science Foundation (Marine Geology and Geophysics/Earth Systems History), OCE-

- 0602375 – Collaborative Research: Holocene Shell Accumulations from the Southeast Brazilian Bight: Multi-Centennial Dynamics of Oceanographic, Environmental, and Ecological Changes; Lead PI: M. Kowalewski (\$219,290); PI: C. Romanek (University of Georgia); PI: D. Kauffman (Northern Arizona University); Total: \$364,284; 06/2006 – 05/2009.
3. Virginia Water Resources Research Center, Competitive Grants – Industrial Mercury Pollution of the North Fork Holston River (Virginia): New Non-Invasive Strategies for Assessing Anthropogenic Deterioration of Freshwater Ecosystems; PI: M. Kowalewski; \$15,125; 07/2004 – 06/2005.
 4. American Chemical Society (Petroleum Research Fund, AC-PRF# 40735-AC2) – The Multi-Centennial History of Upwelling-Driven Productivity: Sr, Ba, ¹⁸O, and ¹³C Records from Amino-Acid Dated Shells of Marine Benthos; PI: M. Kowalewski; \$80,000; 01/2004 – 08/2006.
 5. National Science Foundation (Geology and Paleontology Program, EAR-0125149) – Collaborative Research: Time-averaging in mixed brachiopod-mollusk assemblages along a depth gradient across a modern tropical shelf; Lead PI: M. Kowalewski (Virginia Tech), PI: G. A. Goodfriend (George Washington University); \$160,000 total; \$99,000 to MK; 01/2002 – 12/2003.
 6. American Chemical Society, (Petroleum Research Fund, ACS-PRF# 35021-G) – Stable Isotopes in Fossil and Recent Phosphatic Brachiopods as Indicators of Ancient Environments, Paleoclimates, and Past Marine Bioproductivity; PI: M. Kowalewski; \$25,000; 06/2000 – 08/2002.
 7. National Science Foundation (Geology and Paleontology Program, Research Grant EAR-9909225) – Collaborative Research: Predation Rates and Prey Escalation in Paleozoic Marine Benthic Ecosystems: The Role of Biotic Factors in the Evolutionary History of Marine Biosphere; Lead PI: M. Kowalewski (Virginia Tech); Co-PI: R. K. Bambach (Virginia Tech); PI: T. K. Baumiller (University of Michigan, Ann Arbor); \$170,000 total; \$115,000 to MK; 01/2000 – 12/2002.
 8. Oak Ridge Associated Universities (A 1999 Ralph E. Powe Jr. Faculty Award) – Stable Isotopes in Phosphatic Brachiopods as Environmental Indicators; PI: M. Kowalewski; \$10,000 (includes \$5000 matching fund from VT); 06/1999 – 06/2000

OTHER RESEARCH GRANTS FROM EXTERNAL AND INTERNAL SOURCES (~49K total)

1. Alexander von Humboldt Foundation (Research Grant) – Long-Term Diversity Dynamics in Mollusk-Dominated Fossil Assemblages; PI: Kowalewski; \$10,500; 06/2005 – 08/2005.
2. National Science Foundation Subcontract 04-S32 (Related to the NSF Research Grant EAR-0125149; PI: J.A. Wehmiller) – Subcontract related to a grant awarded to Dr. G.A. Goodfriend (George Washington University) and subsequently supervised by Dr. J. A. Wehmiller (U. Delaware). The subcontract provided RA support for one Ph.D. student; \$24,843; 01/2004-12/2004.
3. Alexander von Humboldt Foundation (Research Grant) - Paleogeography, Paleoecology, and Taphonomy of Miocene Marine Mollusk Assemblages from the Central and Western Europe; PI: Kowalewski; \$9,200; 06/2003 – 08/2003.
4. College of Arts and Sciences, Virginia Tech (A Millennium Grant) – Effects of Relative Abundance of Fossil Species on Paleontological Estimates of Diversity; PI: M. Kowalewski; \$4,000; 06/2000.

KEYNOTES AND PLENARY LECTURES [2]

1. June 2006 – Trieste, ITALY, Italian Paleontological Congress
2. June 2005 – Barcelona, SPAIN, TAPHOS'05 (4^a Reunión de Tafonomía y Fossilización)

INVITED SEMINAR PRESENTATIONS [47]

1. 2009 – School of Geology and Geophysics, University of Oklahoma, Norman, USA
 2. 2009 – Department of Geological Sciences, University of Colorado, Boulder, USA
 3. 2008 – Department of Geology, University of Kansas, Lawrence, USA
 4. 2008 – Department of Geology, Macalester College, St. Paul, USA
 5. 2008 – Facultat de Geologia, University of Barcelona, Barcelona, SPAIN
 6. 2008 – ProMare, University of Vienna, Vienna, AUSTRIA
 7. 2008 – Department of Paleontology, Geocenter, University of Vienna, Vienna, AUSTRIA
 8. 2008 – Hungarian Academy of Science, Budapest, HUNGARY (PaleoPodium)
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9. 2008 – Hungarian Academy of Science, Budapest, HUNGARY (PaleoPodium)
10. 2008 – Dept. Earth & Planetary Sciences, University of Tennessee Knoxville, USA (Dept. Seminar)
11. 2008 – Dept. Earth & Planetary Sciences, University of Tennessee Knoxville, USA (Brown Bag)
12. 2007 – Department of Earth Sciences, Syracuse University, Syracuse, NY, USA
13. 2007 – Department of Geological Sciences, University of North Carolina, Chapel Hill, NC, USA
14. 2006 – Department of Earth Sciences, University of Bologna, Bologna, ITALY
15. 2006 – Museum of Natural History (Naturkunde Museum), Berlin, GERMANY
16. 2006 – Institute of Advanced Studies, University of Bologna, Bologna, ITALY
17. 2005 – Museum of Natural History (Naturkunde Museum), Berlin, GERMANY
18. 2004 – Department of Geology, Colby College, Waterville, USA
19. 2004 – Department of Geology, University of Minnesota – Duluth, USA
20. 2004 – Department of Geology, Macalester College, St. Paul, USA
21. 2003 – Institute for Geology and Paleontology, University of Frankfurt, GERMANY
22. 2003 – Department of Geology, University of Georgia, Athens, Georgia, USA
23. 2003 – Department of Geology, University of Georgia, Athens, Georgia, USA
24. 2002 – Department of Geology, William and Mary College, Williamsburg, Virginia, USA
25. 2002 – Department of Earth and Planetary Sciences, Harvard University, Cambridge, MA, USA
26. 2002 – Friday Harbor Laboratories, University of Washington, Friday Harbor, Washington, USA
27. 2002 – Department of Biological Sciences, Virginia Tech, Blacksburg, Virginia, USA
28. 2001 – National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
29. 2001 – Department of Geophysical Sciences, University of Chicago, Chicago, Illinois, USA
30. 2000 – Department of Geological Sciences, University of Michigan, Ann Arbor, Michigan, USA
31. 1999 – Department of Geology, University of Cincinnati, Cincinnati, Ohio, USA
32. 1999 – Department of Geology, University of Kentucky, Lexington, Kentucky, USA
33. 1999 – Department of Geosciences, University of Arizona, Tucson, Arizona, USA
34. 1998 – Polish Academy of Sciences, Warsaw, POLAND
35. 1998 – Workshop of Evolutionary Ecology, Polish Academy of Science, Warsaw, POLAND
36. 1998 – Senckenberg Institute, Wilhelmshaven, GERMANY
37. 1998 – Department of Geosciences, Virginia Tech, Blacksburg, USA
38. 1998 – Department of Geosciences, Virginia Tech, Blacksburg, USA
39. 1997 – Institut für Paläontologie der Würzburg Universität, Würzburg, GERMANY
40. 1997 – Institute für Geologie und Paläontologie, Tübingen Universität, Tübingen, GERMANY
41. 1997 – Institute de Geociencias, Universidade Sao Paulo, Sao Paulo, BRAZIL
42. 1997 – Institute de Biociencias, Universidade Estadual Paulista, Botucatu, SP, BRAZIL
43. 1997 – Institute de Biociencias, Universidade Estadual Paulista, Botucatu, SP, BRAZIL
44. 1997 – Institute für Geologie und Paläontologie, Tübingen Universität, Tübingen, GERMANY
45. 1997 – Institute of Paleobiology, Polish Academy of Sciences, Warsaw, POLAND
46. 1996 – Department of Geosciences, University of Arizona, Tucson, Arizona, USA
47. 1996 – Department of Geological Sciences, Indiana University, Bloomington, Indiana, USA

PRESENTATIONS AT PROFESSIONAL MEETINGS [34]

1. 2008 – Houston, USA: Geological Society of America Annual Meeting [TALK]
2. 2008 – Cracow, POLAND: Ichnia 2008, 2nd International Congress on Ichnology [TALK]
3. 2008 – Charlotte, USA: Geological Society of America, Southeastern Section Meeting [TALK]
4. 2007 – Denver, USA: Geological Society of America Annual Meeting [TALK]
5. 2007 – Savannah, USA: Geological Society of America SE Section Meeting [TALK]
6. 2006 – Philadelphia, USA: Geological Society of America Annual Meeting [TALK]
7. 2005 – Salt Lake City, USA: Geological Society of America Annual Meeting [TALK]
8. 2005 – Copenhagen, DENMARK: Fifth International Brachiopod Congress [TALK]
9. 2004 – Denver, USA: Geological Society of America Annual Meeting [TALK]
10. 2004 – Denver, USA: Geological Society of America Annual Meeting [INVITED TALK]

11. 2004 – Dallas, USA: American Assoc. Petroleum Geologists Annual Meeting: [INVITED TALK]
12. 2004 – Tyson’s Corner, USA: Geological Society of America NE/SE Section Meeting [TALK]
13. 2003 – Seattle, USA: Geological Society of America Annual Meeting [TALK]
14. 2002 – Denver, USA: Paleontological Society Short Course [INVITED TALK]
15. 2002 – Denver, USA: Paleontological Society Short Course [INVITED TALK]
16. 2002 – Denver, USA: Geological Society of America Annual Meeting [TALK]
17. 2001 – Boston, USA: Geological Society of America Annual Meeting [INVITED TALK]
18. 2001 - Berkeley, USA: North American Paleontological Convention [INVITED TALK]
19. 2000 - Reno, USA: Geological Society of America Annual Meeting [TALK]
20. 2000 - Washington DC, USA: American Geophysical Union Spring Meeting [INVITED TALK]
21. 2000 - Charleston, USA: Geological Society of America SE Section Meeting [INVITED TALK]
22. 1999 - Denver, USA: Geological Society of America Annual Meeting [TALK]
23. 1998 – Toronto, CANADA: Geological Society of America Annual Meeting [TALK]
24. 1998 – Maryland, USA: Geological Society of America Penrose Conference [INVITED POSTER]
25. 1997 – Salt Lake City, Utah, USA: Geological Society of America Annual Meeting [POSTER]
26. 1997 – Vienna, AUSTRIA: 2nd European Paleontological Congress [TALK]
27. 1996 – Denver, Colorado, USA: Geological Society of America Annual Meeting [TALK]
28. 1996 – Washington DC., USA: Sixth North American Paleontological Convention [TALK]
29. 1995 – New Orleans, Louisiana, USA: Geological Society of America Annual Meeting [TALK]
30. 1995 – Sudbury, Ontario, CANADA: Third International Brachiopod Congress [TALK]
31. 1995 – Tampa, Florida, USA: First International SEPM Congress [TALK]
32. 1994 – Seattle, Washington, USA: Geological Society of America Annual Meeting [TALK]
33. 1993 - Boston, Massachusetts, USA: Geological Society of America Annual Meeting [TALK]
34. 1993 - Ensenada, MEXICO: II Reunion Internacional sobre geologia de Baja California [TALK]

PROFESSIONAL MEMBERSHIPS

- Society for Sedimentary Geology
- Paleontological Society (Fellow)
- Geological Society of America

BOOK EDITOR

- 2003: Topics in Geobiology Book Series, Plenum Press, "Predator-Prey Interactions in the Fossil Record" edited by P. H. Kelley, M. Kowalewski & T. A. Hansen
- 2002: Paleontological Society Special Papers, "The Fossil Record of Predation" edited by M. Kowalewski & P. H. Kelley

JOURNAL SPECIAL ISSUE ORGANIZER/EDITOR

- *Palaios*, v. 19, no. 5, 2004, Friday Harbor Special Issue, organized jointly with M. LaBarbera (U. Chicago). The issue includes 8 student papers based on projects conducted as a part of a graduate field course in taphonomy co-taught by LaBarbera and Kowalewski at Friday Harbor Laboratories (2002).
- *Journal of Shellfish Research*, v. 26, no. 1, 2007, Friday Harbor Special Issue, organized jointly with L. Leighton (San Diego State University). The issue includes 8 research papers summarizing the results of 8 student projects conducted as a part of a graduate field course on predator-prey interactions co-taught by Kowalewski and Leighton at Friday Harbor Laboratories (2004).

SHORT COURSE ORGANIZER

- The 2002 Paleontological Society Short Course "The Fossil Record of Predation" convened by M. Kowalewski & P. H. Kelley (Geological Society of America Annual Meeting, 2002, Denver, USA)

SYMPOSIUM ORGANIZER

- Symposium 5 "Spatial and Temporal Resolution of the Fossil Record" convened by M. Kowalewski & K.W. Flessa (North American Paleontological Convention 2001, Berkeley, California, USA)

- Special Session (Biogeoscience) "Geobiology of Macroorganisms" convened by M. Kowalewski & M. Patzkowsky (American Geophysical Union Spring Meeting, 2000, Washington D.C., USA)

CONFERENCE PANELIST

- The Geological Society of America Penrose Conference 'Linking Spatial and Temporal Scales in Ecology and Paleoecology', May 1998, Virginia, USA

FUNDING AGENCY PANELIST

- National Science Foundation, Sedimentary Geology and Paleobiology Panel, 2007

JOURNAL PEER-REVIEWER (131 reviews for 36 journals)

1. *Acta Palaeontologica Polonica*, Poland (8)
2. *American Naturalist*, USA (1)
3. *Biology Letters*, UK (1)
4. *Canadian Journal of Earth Sciences*, Canada (2)
5. *Earth & Environmental Science Transactions of the Royal Society of Edinburgh*, UK (1)
6. *Earth and Planetary Science Letters*, the Netherlands (2)
7. *Earth Science Reviews*, the Netherlands (1)
8. *Estuarine, Coastal and Shelf Science*, the Netherlands (1)
9. *Geobios*, France (1)
10. *Geologica Acta*, Spain (1)
11. *Geological Quarterly*, Poland (1)
12. *Geology*, USA (9)
13. *Ichnos*, Canada/UK (3)
14. *Journal of Experimental Marine Biology and Ecology*, the Netherlands (4)
15. *Journal of Foraminiferal Research*, USA (1)
16. *Journal of Geology*, USA (3)
17. *Journal of Molluscan Studies*, UK (1)
18. *Journal of Paleontology*, USA (2)
19. *Journal of Taphonomy*, Spain (2)
20. *Lethaia*, UK (4)
21. *Marine Biology* (1)
22. *Open Paleontology Journal* (1)
23. *Open Geology Journal* (1)
24. *Palaeogeography, Palaeoclimatology, Palaeoecology*, the Netherlands (14)
25. *Palaeontologica Electronica*, USA/UK (1)
26. *Palaeontology*, UK (2)
27. *Palaaios*, USA (28)
28. *Paleobiology*, USA (18)
29. *Paleontological Research*, Japan (1)
30. PLoS One, USA/UK (1)
31. *Proceedings of the National Academy of Science*, USA (2)
32. *Proceedings of the Royal Society, B*, UK (1)
33. *Proceedings of the Royal Society of Victoria*, Australia (1)
34. *Revista Brasileira de Paleontologia*, Brazil (1)
35. *Revista Espanola de Paleontologia*, Spain (1)
36. *Science*, USA (9)

BOOK PEER-REVIEWER (12 chapters for 10 books)

SEPM Spec. Pub., USA (1 review); Invasion Biology Edited Book, USA (1 review); NATO Science Series, Canada (1 review); Benjamin Cummings Publications (1 review); Plenum Press/Kluwer, the Netherlands (1 review); Millenium Brachiopod Congress Volume, UK; Topics in Geobiology Series,

Kluwer Press (5 reviews); Paleontological Society Special Papers (1 review)

PROFESSIONAL PROPOSAL PEER-REVIEWER (32 reviews for 9 funding agencies)

NASA Exobiology (1 review); National Science Foundation (13 reviews); Petroleum Research Fund (10 reviews); Caribbean Marine Research Center (1 review); Natural Environmental Research Council (2 reviews); Research Council of Norway, Division of Science and Technology (1 review); USC Sea Grant Program (1 review); National Geographic Society (2 reviews); Georgia National Science Foundation (2 reviews)

STUDENT PROPOSAL PEER-REVIEWER/PANELIST

- PalSIRP-Sepkoski Grants (Paleontological Society), USA (>200 student proposals) (2000 - 2006);
- Student Research Grants (Paleontological Society), USA (~180 student proposals) (2007-2008)

EXTERNAL EXAMINER

- 2009 – M.S. Thesis, McGill University, Montreal, Canada
- 2008 – Ph.D. Dissertation, University of British Columbia, Vancouver, Canada

GRANT COMMITTEE CHAIR

- Student Research Grants (Paleontological Society), USA (2007-2008)

PAST AND CURRENT COLLEGE/UNIVERSITY SERVICES

Committee Member

- College of Science Promotion and Tenure Committee (**active**)
- Complexity Working Group (**active**)
- Satellite Search Committee (Biology Department)

PAST AND CURRENT DEPARTMENTAL SERVICES

Committee Chair

- Seminar Committee (**active**)
- Earth Systems Cluster Committee (**active**)
- Computational Earth Systems Faculty Search Committee

Committee Member

- Mentoring Committee (**active**)
 - Undergraduate Affair Committee (**active**)
 - Graduate Student Affair Committee
 - Curriculum Committee
 - Museum and Outreach Committee
 - Executive and Personnel Committee
 - Geobiology Faculty Search Committee
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PUBLICATIONS

SUMMARY

- Edited books: 2
- Edited journal theme issues: 2
- Articles in interdisciplinary journals: 5
- Articles in disciplinary journals: 67
- Book chapters: 11
- Short contributions (editorials, comments, prefaces, replies, etc.): 8
- Abstracts: 161
- Book translations: 1
- Citations in the Science Citation Index (8/2009)*: **856**; H-index: **19**; ResearcherID: B-4263-2008

* Citation data exclude ISI citations of papers, book chapters, and abstracts not indexed by Thompson.

Note: For the updated publication list visit: <http://www.paleo.geos.vt.edu/MK/mkp.htm>

* Student co-authors;

** Post-doctoral co-authors;

[#] Times cited in Science Citation Index

EDITED BOOKS

1. KELLEY, P. H., **KOWALEWSKI, M.** AND HANSEN, T. A., eds. (2003) **Predator-Prey Interactions in the Fossil Record**. *Topics in Geobiology Series 20*, Kluwer Academic/Plenum Publishers, New York, xvi + 464pp. (ISBN: 0-306-47489-1). [**19**]
2. **KOWALEWSKI, M.**, AND KELLEY, P. H., eds. (2002) **The Fossil Record of Predation**. *Paleontological Society Special Papers*, v. **8**, Paleontological Society, Yale Printing Service, New Haven, CT, 398pp. (ISSN 1089-3326). [**14**]

JOURNAL THEME ISSUES

1. **KOWALEWSKI, M.**, AND LEIGHTON, L.R., (2007) **Predator-Prey Interactions: Experimental and Field Approaches** (Friday Harbor Special Issues). *Journal of Shellfish Research*, vol. **26**, issue 1, pp. 215-280.
2. LABARBERA, M. AND **KOWALEWSKI, M.**, (2004) **Actualistic Taphonomy** (Friday Harbor Special Issues). *Palaaios*, vol. **19**, issue no. 4, pp. 421-519.

ARTICLES IN INTERDISCIPLINARY JOURNALS [5]

1. LAFLAMME, M., XIAO, S., AND **KOWALEWSKI, M.**, (2009), Osmotrophy in modular Ediacara organisms. *Proceedings of the National Academy of Sciences U.S.A.* **106**: 14438-14443.
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BOOK TRANSLATIONS [1]

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SAMPLES OF PRESS COVERAGE

Published interviews

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ABSTRACTS

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