

# CLAUDIA C. JOHNSON

Department of Earth and Atmospheric Sciences  
Indiana University  
1001 E. 10th Street, Bloomington, IN 47405 USA  
Phone: 812-855-0646; [claudia@indiana.edu](mailto:claudia@indiana.edu)  
<https://earth.indiana.edu/claudia/>  
<https://invertebrates.earth.indiana.edu/index.html>

## EDUCATION

University of Colorado, Boulder, Geological Sciences; Ph.D. 1993, M.S. 1984, B.A. 1981  
Universidad Veracruzana, Mexico, Study Abroad Program

## PROFESSIONAL APPOINTMENTS

2021 - Class of 1948 Herman B Wells Endowed Professorship  
2020-2024 Director, Center for Biological Research Collections  
2018-2021 Secretary, The Paleontological Society  
2018-present Professor, Department of Earth and Atmospheric Sciences, IUB  
2018-present Associate Director, Center for Underwater Science  
2018-2019 Interim Director, Center for Biological Research Collections  
2018-present Affiliate Faculty, Center for Latin American and Caribbean Studies  
2009-2017 Research Associate, Center for Underwater Science, School of Public Health  
2003-2017 Associate Professor, Indiana University, Bloomington  
1996-2003 Assistant Professor, Indiana University, Bloomington  
1995-1996 Visiting Assistant Professor, Indiana University, Bloomington  
1993-1995 Post-Doctoral Research Associate, Pennsylvania State University  
1989-1990 Instructor, University of Northern Colorado  
1985-1987 Instructor, University of Puerto Rico, Mayaguez  
1985 Consulting Geologist, Gustavson Associates, Boulder, CO  
1984 Consulting Geologist, The Clover Corporation, Denver, CO  
1984 Consulting Geologist, Department of Archaeology, University of Denver, CO  
1980 Geologic Field Assistant, Washington State University  
1978 Geologic Field Assistant, U.S. Geological Survey, Division of Uranium and Thorium

## PROFESSIONAL HONORS AND AWARDS

Class of 1948 Herman B Wells Endowed Professor  
Fellow, Geological Society of America, 2019  
Trustees Teaching Award in the Tenure Track Faculty, College of Arts and Sciences, 2013-2014  
Teaching Excellence Recognition Award, Department of Geological Sciences, 2000, 2012  
Fellow, Faculty Learning Community, Indiana University, 2004-present  
Distinguished Lecturer, The Paleontological Society, 2002-2004; 2000-2002  
Fulbright-Hays Award to Peru (declined award for University of Puerto Rico Instructorship)  
Honorable Mention, Society of Economic Paleontologists and Mineralogists, co-authored paper  
American Association of University Women, Boulder Branch Award  
Association for Women Geoscientists Award, Denver Chapter  
Zena Hunter Andrews Fellowship, University of Colorado

Graduate School Protected Class Fellowship, University of Colorado, Boulder  
Graduate School Dean's Small Grant Award  
Longley-Wahlstrom-Warner Award, University of Colorado  
Academic Scholarship, University of West Indies, Jamaica  
Paleontological Society Research Grant-in-Aid  
Geological Society of America Student Research Grant  
Department of Geological Sciences Competitive Research Grants  
Research Assistantships: Gulf, Arco, Amoco, Marathon, Shell companies

## EDITORIAL POSITIONS

Associate Editor, *Palaios*, 2006 – 2010

Co-Editor, Journal of Asian Earth Sciences, V. 21, Issue 8. Hirano, H. and **Johnson, C.C.** 2003. *Land-Ocean Interactions of Carbon Cycle and Bio-diversity Change during the Cretaceous in Asia*. Includes 15 refereed papers, p. 803-977.

Co-Editor, *Geological Society of America, Special Paper 332*, Barrera, E. and **Johnson, C.C.** 1999. *Evolution of the Cretaceous Ocean-Climate System*, 445pp. Includes 22 refereed papers.

## FEDERAL RESEARCH GRANTS

### IN REVIEW

NSF Submitted 3/16/23, \$400,000. Johnson, C. C., Motz, G., Polly, P.D., Zimmerman, A., and Beeker, C.D. GEO OSE Track 1: Promoting an Accessible Ecosystem of Digitized Natural History Data.

### AWARDED

NOAA 9/22-9/24; \$40,000; Zimmerman, A. and **Johnson C.C.**; Title: Ocean Protector: A game-based curriculum to teach the impacts of ocean acidification and positive actions to help. Ocean Acidification Program Education Mini-Grant Program

NSF 7/1/19-6/30/2021; \$299,994; Kravitz, B, Johnson, C. C., Kieu, C. Title: *Marine Sky Brightening: Prospects and Consequences*.

NSF 8/1/17 - 7/30/19; \$149,387; Motz, G., **Johnson, C.C.**, Polly, P.D. Title: *Digitization PEN: Paleoniches on the western Cincinnati arch, the Ordovician of Indiana*

IMLS – Institute of Museum and Library Services MA-30-16-0458-16; 10/1/16 - 9/30/18, one-year no-cost extension to 9/30/19, \$112,505; Motz, G., Polly, P.D., and **Johnson, C.C.** Title: *ACCESSIONING at Indiana University: Promoting Digital Access and (Re-) Discovery of the IU Paleontology Collection*.

NSF EAR 9/1/09-8/31/13, \$475,302, Schieber, L., **Johnson, C.C.**, Polly, P.D., and Elswick, E. R., Title: *Infrastructure upgrade, curation and data basing of Indiana University collections*.

USAID, 10/2010–12/2011, \$100,000, Beeker, C.D., Conrad, G., **Johnson, C. C.**, and key personnel A. Budziak, F. Hanselmann, N. Wiegand, E. Kauffman, Z. Bonilla. Title: *Living Museums of the Sea: A Network of Marine Protected Areas in SE Dominican Republic*.

USAID, 9/08-8/10, \$200,000. Beeker, C.D., Conrad, G., **Johnson, C.C.**, and key personnel A. Budziak, F. Hanselmann, N. Wiegand, E. Kauffman, Z. Bonilla. Title: *Living Museums of the Sea: A Network of Marine Protected Areas in SE Dominican Republic*.

NSF SGER, 8/1/07 – 7/31/08. \$10,000, Kauffman, E.G., Elswick, E.R., and **Johnson, C.C.** Title: *A Search for the Oldest Metazoan Trace Fossils in the Northern Hemisphere.*

NSF SGER, 7/1/2002-6/30/2003, \$20,382, **Johnson, C.C.** Title: *Sequence stratigraphy and paleocommunity analysis of an Oligocene reef tract, Lares Limestone, Puerto Rico.*

NSF EAR, 12/31/2001-6/30/2002, \$15,000, **Johnson, C.C.** Supplemental award.

NSF EAR, 8/1/2000–6/30/2002, \$75,000, **Johnson, C.C.** Title: *Comparative role of scleractinian corals and ancient rudist bivalves in Cretaceous reefs: Implications for changes in reef composition in a future greenhouse world.*

NSF EAR, 2/95-12/97, \$200,000, **Johnson, C.C.**, Kauffman, E.G., Barron, E.J., Arthur, M.A. Title: *Testing the hypothesis of a Cretaceous supertropical climate zone in the Caribbean Province: Do climate simulations and observational data support the concept of tropical stability?*

### NON-FEDERAL RESEARCH GRANTS

National Geographic, 2008, \$80,000. Beeker, C.D., Conrad, G., **Johnson, C. C.** and key personnel A. Budziak, F. Hanselmann. Title: *Shipwreck! Captain Kidd.*

### UNIVERSITY RESEARCH GRANTS

Institute for Advanced Study IU, Individual Research Award, **Johnson, C.C.**, 2014-2016, \$3000.

IU HPER FRSP, 12/08-1/10. \$25,000, Bonilla-Vega, Z., **Johnson, C.C.**, Edwards, P.D., and Ona, F. Title: *Community-based participatory research, community health, and the use of underwater resources in the SE of the Dominican Republic: Exploring the Nexus.*

IU Overseas Research Grant, Office VP for International Affairs, 12/08-11/09, \$2,000, **Johnson, C.C.**, Title: *Investigation of Environmental Conditions Favorable to the Sustainability of Modern Reefs.*

IU Grant-in-Aid of Research, 2008, \$2,500, **Johnson, C.C.** Title: *Biological Assessment of Coral Cover for the Establishment of a Marine Preserve, Dominican Republic.*

IU Multidisciplinary Ventures and Seminars Fund, 8/08-9/09, \$6,250, Schieber, L., Polly, P. D., **Johnson, C.C.**, and Elswick, E.R. Title: *Natural History Collections in 21<sup>st</sup> Century Scholarship, Education and Outreach: An Integrative Seminar across Time and Space.*

IU Multidisciplinary Ventures and Seminars Fund, 2005, \$5,500, Dalkilic, M.M., Elswick, E. R., and **Johnson, C.C.** Title: *Resource Preservation and Development: Integrating Informatics and Geological Sciences to Initiate Global-Scale Paleoclimate Research.*

### UNIVERSITY TEACHING GRANTS

IU CITL Summer Writing Teaching Grants 2012-13, \$1500, **Johnson, C.C.**

### PEER-REVIEWED RESEARCH PUBLICATIONS

#### IN REVIEW

Zimmerman, A.N., and **Johnson, C.C.**, Predicting suitable habitats and refugia for the deep-sea coral *Lophelia pertusa*, US West Atlantic and Northern Gulf of Mexico. Submitted 8/19/2022 Coral Reefs

#### ACCEPTED AND IN PRESS

Zimmerman, A. N., **Johnson, C. C.**, Phillips, G. E., and Ehret, D. J. Taxonomy and paleobiogeography of rudist bivalves from upper Cretaceous strata, Gulf Coastal Plain and Puerto Rico, USA. (2022). *Journal of Paleontology*.

#### PUBLISHED

- Zimmerman, A.N., **Johnson, C. C.**, Bussberg, N.W., and Dalkilic, M.M., 2020. Stability and decline in deep sea coral biodiversity, Gulf of Mexico and US West Atlantic. *Coral Reefs* 39, 345-359. <https://doi.org/10.1007/s00338-020-01896-9>
- Galloway, T.L., Beeker, C.D., Jaffke, D., and **Johnson, C.C.** 2020. Archaeological investigations at La Isabela, Dominican Republic. *Advisory Council for Underwater Archaeology. Society for Historical Archaeology*, p. 25-32.
- Zimmerman, A.Z., **Johnson, C. C.**, Polly, P.D., 2018. Taxonomic and evolutionary pattern revisions resulting from geometric morphometric analysis of Pennsylvanian Neognathodus conodonts, Illinois Basin. *Paleobiology*, v 44, issue 4, p. 660-683. <https://doi.org/10.1017/pab.2018.28>
- Johnson, C.C.**, Njau, J.K., Van Damme, D., Schick, K., and Toth, N., 2016. Paleoeologic significance of malacofauna, Olduvai Gorge, Tanzania. *Palaios* 31 (6):319-326. doi:10.2110/palo.2016.001
- Jenne, M., Dalkilic, M.M., and **Johnson, C.C.**, 2016. Employing Software Engineering Principles to Enhance Analysis of Coral Reef Databases. Proceedings Volume, 13<sup>th</sup> International Coral Reef Symposium, Honolulu, p. 404-413. <https://sgmeet.com/icrs2016/>
- Jenne, M., Zimmerman, A., Kurban, H., **Johnson, C.C.**, and Dalkilic, M.M., 2016. Employing software engineering principles to enhance management of climatological datasets for coral reef analysis. In A. Banerjee, W. Ding, J. Dy, V. Lyubchich, A. Rhines (Eds.), I. Ebert-Uphoff, C. Monteleoni, D. Nychka (Series Eds.), Proceedings of the 6th International Workshop on Climate Informatics: CI 2016. NCAR Technical Note NCAR/TN-529+PROC, Sept 2016, doi: 10.5065/D6K072N6. ISBN 978-0-9973543-1-2.
- Maus, M.J., Beeker, C.D., Wasylenki, L.E., and **Johnson, C.C.**, 2014. Preliminary analysis of 16<sup>th</sup>-Century wrought iron: Caballo Blanco, Dominican Republic. In C. Dagneau and K. Gauvin, Eds., ACUA Underwater Archaeology Proceedings 2014, p. 207-216.
- Simonelli, G.A., **Johnson, C.C.**, Elswick, E.R., Kauffman, E G., Eble, C.F., and Hasiotis, S.T., 2013. Sedimentology, geochemistry and paleobiology of a Pennsylvanian marginal marine depositional environment, Mansfield Formation, Indiana, USA. *Indiana Geological Survey Occasional Paper 71*, p. 1-18.
- Kay, R.F., Hunt, K.D., Beeker, C.D., Conrad, G.W., **Johnson, C.C.** and Keller, J., 2011. Preliminary notes on a newly discovered skull of the extinct monkey *Antillothrix* from Hispaniola and the origin of the Greater Antillean monkeys. *Journal of Human Evolution* 60(1):124-128.
- Elswick, E.R., and **Johnson, C.C.**, 2010. Evaluation of a siliciclastic diamictite from the Maya Mountains of Belize. *Journal of South American Earth Sciences* 29:676-684. doi:10.1016/j.jsames.2009.11.005
- Liu, F., Le, C., McKnight-Whitford, A., Xia, Y., Wu, F., Elswick, E., **Johnson, C.C.**, and Zhu, C., 2010. Antimony speciation and contamination of waters in the Xikuangshan antimony mining and smelting area, China. *Environmental Geochemistry and Health* 32(5):401-413.
- Puchalski, S.S., **Johnson, C.C.**, Kauffman, E.G., and Eernisse, D.J., 2009. A new genus and two new species of multiplacophoran chitons, Mississippian (Chesterian), Indiana, *Journal of Paleontology* 83(3):422-430.
- Kauffman, E.G., and **Johnson, C.C.**, 2009. Cretaceous warm climates. In, Gornitz, V., Editor, *Encyclopedia of Paleoclimatology and Ancient Environments, Encyclopedia of Earth Sciences Series*, Springer, p. 213-217.

- Puchalski, S.S., and **Johnson, C.C.**, 2008. Preservation potential of *Katharina tunicata* and *Mopalia muscosa* (Mollusca, Polyplacophora) on two rocky shores of San Juan Island, Washington, USA. *Lethaia* 42:167-178.
- Puchalski, S.S., Eernisse, D.J., **Johnson, C.C.**, 2008. The effect of sampling bias on the fossil record of chitons (Mollusca, Polyplacophora). *American Malacological Bulletin* 25: 87-95.
- Johnson, C.C.**, and Kauffman, E.G., 2007. Notes on the Perkins Rudist Collection at PRI. *American Paleontologist* 15(3):21.
- Johnson, C.C.**, and Kauffman, E.G., 2006. "Bivalve, rudist" In AccessScience@McGraw-Hill, <http://www.accessscience.com>, DOI 10.1036/1097-8542.802330.
- Hirano, H. and **Johnson, C.C.** 2003, Editors, *Land-Ocean Interactions of Carbon Cycle and Bio-diversity Change during the Cretaceous in Asia*, *Journal of Asian Earth Sciences* 21(8):803-977. Includes 15 refereed papers.
- Hirano, H., and **Johnson, C.C.**, 2003. Introduction. In Hirano, H., and Johnson, C. (eds.), *Land-Ocean Interactions of Carbon Cycle and Bio-diversity Change during the Cretaceous in Asia*. *Journal of Asian Earth Sciences* 21(8):803-805.
- Johnson, C.C.**, Sanders, D., Kauffman, E.G., and Hay, W.W., 2002. Patterns and processes influencing Upper Cretaceous reefs. In Kiessling, W., Flugel, R., and Golonka, J (eds.) *Phanerozoic Reef Patterns*. Society for Sedimentary Geology, Special Publication 72, p. 549-585.
- Johnson, C.C.**, 2002. The Rise and Fall of Rudist Reefs. *American Scientist* 90:150-155.
- Johnson, C.C.**, 2002. Reply to Wolfe's Editorial Comment in Letters Section. *American Scientist*, 91.
- Johnson, C.C.**, and Kauffman, E.G., 2001. Cretaceous evolution of reef ecosystems: A regional synthesis of the Caribbean tropics. In Stanley, G. D., Jr. (ed.) *The History and Sedimentology of Ancient Reef Ecosystems*. Topics in Geobiology Series, Kluwer Academic/Plenum Publishers, p. 311-349.
- Kauffman, E.G., Herm, D., **Johnson, C.C.**, Harries, P., and Hofling, R., 2000. The ecology of Cenomanian lithistid sponge frameworks, Regensburg area, Germany. *Lethaia* 33:214-235.
- Johnson, C.C.**, 2000. Review of: The Pattern of Evolution, by Niles Eldredge, W. H. Freeman. *Journal of Geoscience Education* 48(5):716-717.
- Johnson, C.C.**, 1999. Evolution of Cretaceous surface current circulation patterns, Caribbean and Gulf of Mexico. In Barrera, E., and Johnson, C. C. (eds.) *Evolution of the Cretaceous Ocean-Climate System*. *Geological Society of America Special Paper* 332, p. 329-343.
- Poulsen, C.J., Barron, E.J., **Johnson, C.C.**, and Fawcett, P.J., 1999. Links between major climatic factors and regional oceanic circulation in the mid-Cretaceous. In Barrera, E., and Johnson, C. C. (eds.) *Evolution of the Cretaceous Ocean-Climate System*. *Geological Society of America Special Paper* 332, p. 73-90.
- Barrera, E., and **Johnson, C.C.**, Co-Editors, 1999, *Evolution of the Cretaceous Ocean-Climate System*. *Geological Society of America Special Paper* 332, 445pp.
- Barrera, E., and **Johnson, C.C.**, 1999. Preface. In Barrera, E., and Johnson, C.C. (eds.) *Evolution of the Cretaceous Ocean-Climate System*. *Geological Society of America Special Paper* 332, p. vii-viii.
- Johnson, C.C.**, Kauffman, E.G., and Barron, E.J., 1997. Tropical boundary fluctuations in the Caribbean Cretaceous. *Proceedings of the 8th International Coral Reef Symposium*, Volume II; Smithsonian Tropical Research Institute, Balboa, Republic of Panama, p. 1677-1680.

- Kauffman, E.G., and **Johnson, C.C.**, 1997. Ecological evolution of Jurassic-Cretaceous Caribbean reefs. *Proceedings of the 8th International Coral Reef Symposium*, Volume II; Smithsonian Tropical Research Institute, Balboa, Republic of Panama, p. 1669-1676.
- Johnson, C.C.**, 1996. Middle Cretaceous reef collapse linked to ocean heat transport: Comment and Reply. *Geology* 25: 478.
- Johnson, C.C.**, Barron, E.J., Kauffman, E.G., Arthur, M.A., Fawcett, P.J., and Yasuda, M.K., 1996. Mid-Cretaceous reef collapse linked to ocean heat transport. *Geology* 24:376-380.
- Johnson, C.C.**, and Kauffman, E.G., 1996. Maastrichtian extinction patterns of Caribbean Province rudistids. In MacLeod, N., and Keller, G., (eds.) *The Cretaceous-Tertiary Mass Extinction: Biotic and Environmental Events*. W.W. Norton and Co, p. 231-273.
- Johnson, C.C.** and Kauffman, E.G., 1990. Originations, radiations and extinctions of Cretaceous rudistid bivalve species in the Caribbean Province. In Kauffman, E.G., and Walliser, O.H. (eds.), *Extinction Events in Earth History*, p. 305-324. Springer-Verlag, Berlin, Heidelberg.
- Kauffman, E.G. and **Johnson, C.C.**, 1988. The morphological and ecological evolution of middle and Upper Cretaceous reef-building rudistids. *Palaios, Reefs Issue* 3:194-216.
- Johnson, C.C.**, Collins, L.S. and Kauffman, E.G., 1988. Rudistid biofacies across the El Abra Formation (Late Albian(?), Early-Middle Cenomanian), Northeastern Mexico. *Transactions of the 11th Caribbean Geological Conference, Barbados*, 1:1-1:12.
- Sageman, B.B. and **Johnson, C.C.**, 1985. Stratigraphy and paleobiology of the Lincoln Limestone Member, Greenhorn Limestone, Rock Canyon Anticline, Colorado. In Pratt, L.M., Kauffman, E.G., and Zelt, F. (eds.), *Fine-grained deposits and biofacies of the Cretaceous Western Interior Seaway: Evidence of Cyclic Sedimentary Processes*, p. 100-109. Society of Economic Paleontologists and Mineralogists Field Trip Guidebook, No. 9. Tulsa, OK.
- Sageman, B.B., and **Johnson, C.C.**, 1985. Field Reference Section, Lincoln Limestone Member, Greenhorn Limestone, North Bank, Arkansas River, Rock Canyon Anticline. In Pratt, L.M., Kauffman, E.G., and Zelt, F. (eds.), *Fine-grained deposits and biofacies of the Cretaceous Western Interior Seaway: Evidence of Cyclic Sedimentary Processes*, p. 7-8. Society of Economic Paleontologists and Mineralogists Field Trip Guidebook, No. 9. Tulsa, OK.

#### UNPUBLISHED FIELD GUIDES

- A Field Guide to Cretaceous Facies and Sequence Stratigraphy of Northeastern Venezuela* Kauffman, E.G., **Johnson, C.C.**, Villamil, T., 1993. INTEVEP, Filial de Petroleos de Venezuela.
- Field Guide to the Cretaceous-Cenozoic Carbonate Platforms and Reefs of Western Puerto Rico*, Kauffman, E.G., Frost, S.H., **Johnson, C.C.**, Santos, H., Taggart, B., 1990. 9th Annual Symposium on Caribbean Geology, Mayaguez, PR, 102 pp.
- A Field Guide to the Cretaceous Carbonate Platforms and Rudistid Reefs of Jamaica*, by Kauffman, E.G., **Johnson, C.C.**, Coates, A.G., and Sohl, N.F., 1989, 117 pp.
- The Evolution of Late Jurassic and Cretaceous Reefs*, by Kauffman, E.G., and **Johnson, C.C.**, 1988. Short Course Notes: The Evolution of Reef Communities. GSA Annual Meeting, Denver, CO, 49 -92.
- Magmatic and Tectonic Processes at Convergent Margins*, by Joyce, J., Smith, A.L., Schellekens, J.H., and **Johnson, C.C.**, 1987. 6th Annual Symposium on Caribbean Geology, Mayaguez, PR, 14 pp.

*Neotectonics and Geomorphology of Puerto Rico*, by Soto, A., Joyce, J., Troester, J.W., and **Johnson, C.C.**, 1986. 5th Annual Symposium on Caribbean Geology, Mayaguez, PR, 58 pp and supplements.

*The Geological Assessment of the Pinon Canyon Archaeological Project Site, Southeastern Colorado*, by **Johnson, C.C.**, 1984. Submitted to Department of Anthropology, University of Denver, 26 pp.

## INVITED LECTURESHIPS AND CONFERENCE SYMPOSIA

- 2017 Department of Earth and Atmospheric Sciences, IUB; Invited presentation title: Evolutionary paleoecology: A model for looking at the past to interpret the future
- 2016 Olduvai Gorge Workshop: Olduvai Gorge Coring Project (OGCP) Workshop, Invited Presentation title: *Paleoecology of fossil molluscan bivalves, Bed III, Olduvai Gorge, Tanzania.*
- 2016 Department of Geology, Invited colloquium speaker, Kent State University (schedule conflict).
- 2014 Invited Keynote Speaker for 4<sup>th</sup> International Palaeontological Congress, Mendoza, Argentina; Workshop: Cretaceous marine biotas and seaways in Gondwana (unable to participate due to schedule conflict).
- 2014 Olduvai Geological Coring and Seismic Workshop, The Stone Age Institute
- 2013, 2011, 2009 IU Origins Conference: The Evolution of the Universe, the Earth, Life and Human Species
- 2011 IU Mini-U Presentation title: *Coral Reefs–Adaptation to Climate Variability–nor Not!*
- 2011 Peace Corps Dominican Republic: Scientific Diving Technical Workshops, Dominican Republic.
- 2010, 2009 IUB HPER Invited Presenter, Advanced Research Diving Course.
- 2009 North American Paleontology Convention: Crisis in Reefs: Is the Past the Key to the Present?
- 2009 Office for Women's Affairs, Research Poster Workshop, Guest Speaker.
- 2008, 2007 Council for International Exchange, Bonaire, Keynote Public Lecture to Island Community.
- 2008 IU Crossroads Geology Conference.
- 2007 Falls of the Ohio Foundation, Keynote Presentation, Falls of Ohio State Park.
- 2004 University of Western Ontario, London, Ontario, Canada.
- 2004 Five-College Geology Program, including Mount Holyoke College, Smith College, Amherst College, Hampshire College, Williams College and the University of Massachusetts.
- 2004 Texas State University, Department of Biology
- 2002 Indiana University, Department of Geology Colloquium
- 2001 University of Iowa, Department of Geology Colloquium
- 2001 Indiana University, Dept. Geography Colloquium
- 2000 Waseda University, Tokyo, Japan, IGCP 464
- 2000 Indiana University-Purdue Univ. Indianapolis, Fort Wayne, Department of Geology Colloquium
- 2000 University of New Mexico, Albuquerque, Department of Geology Colloquium
- 2000 Ohio Wesleyan University, Department of Geology Colloquium
- 1999 Harvard University, Earth History and Paleobiology Series Colloquium
- 1999 Northwestern University, Department of Geology Colloquium
- 1999 University of Akron, Department of Geology Colloquium
- 1998 Purdue University, Department of Geology Colloquium
- 1998 University of Cincinnati, Department of Geology Colloquium
- 1997 University of Illinois at Chicago, Department of Geological Sciences Colloquium
- 1997 IUPUI, Department of Geology Colloquium
- 1996 Ludwig-Maximilians-Universität München, Institut für Paläontologie und historische Geologie

- 1996 University of South Florida, Department of Geology Colloquium
- 1996 Indiana University, Department of Geological Sciences, Colloquium and Brown Bag Seminar
- 1995 Indiana University, Department of Geological Sciences Colloquium
- 1995 Smithsonian Tropical Research Institute Colloquium Series, Panama City, Panama
- 1994 Pennsylvania State University, Earth Systems Science Center Colloquium

## **PROFESSIONAL DEVELOPMENT**

- RISE Training, Respectful, Inclusive Scientific Events, the Paleontological Society 2019, 2021
- Participant, National Center for Faculty Diversity and Development, Faculty Writing Bootcamp, 2014
- Invited Participant, Olduvai Geological Coring and Seismic Workshop, Stone Age Institute, 2014
- Invited Researcher, Olduvai Gorge, Tanzania, Africa, to pursue molluscan research, Stone Age Institute, 2014
- Participant, Grant Writing Workshop, Sponsored by Vice Provost for Research, IUB, 2014
- Participant, Preparing for the Promotion Review, Workshop OVPFAA, IUB, 2014
- Invited Researcher, Olduvai Gorge, Tanzania, Africa, to assist in developing field school and potential research programs, Stone Age Institute, 2013
- Invited Participant, Rice University, Rosenstiel School of Marine and Atmospheric Sciences, Chevron Energy Technology Co., Joint Guadalupe Mountains Field Trip, 2013

## **GRANTS REVIEWED**

- National Science Foundation
  - Education and Human Resources Program, Division of Earth Sciences
  - Sedimentary Geology and Paleobiology Program
  - Geology and Paleontology Program
  - Geobiology and Low Temperature Geochemistry Program
  - Office of Polar Programs
  - Paleoclimate Program
  - Division of International Programs
- NOAA, Sea Grant College Program
- American Chemical Society, Petroleum Research Fund
- PalSirp, Paleontological Society Grant Proposals from Eastern Europe

## **MANUSCRIPTS REVIEWED for JOURNALS**

- Biological Journal of the Linnean Society
- Bulletin of Geosciences
- Cretaceous Research
- Facies
- Geology
- Journal of Asian Earth Sciences
- Journal of Geoscience Education
- Journal of Paleontology
- Nature
- Palaios
- Paleobiology
- Palaeontologia Electronica
- Paleogeography, Paleoclimatology, Palaeoecology
- Paleontological Research, Palaeontological Society of Japan



PLOS ONE

Report of Progress, Indiana Geological Survey

Revista Espanola de Paleontología

Sociedad Mexicana de Paleontología

Terra Nova, The European Journal of Geosciences

### **MANUSCRIPTS REVIEWED for BOOKS, etc.**

*Dinosaurs – the Textbook*. Columbia University Press, 2014

*Phanerozoic Reef Patterns*, 2002, SEPM Special Publication 72, *The History and Sedimentology of Ancient Reef Systems*, 2001, Kluwer Academic/Plenum Publishers

*Bivalves: An Eon of Evolution*, 1998, University of Calgary Press

Coalition for Science Literacy, University of South Florida

IU Instructional Media Library

IU Press – several reviews of book prospectus over the years

IGCP 165 - Stratigraphic Correlation of the Caribbean

Proceedings Volume, 12th Caribbean Geological Conference

## **TEACHING RELATED ACTIVITIES**

### **PEER REFEREED TEACHING PUBLICATIONS**

**Johnson, C.C.**, Middendorf, J., Rehrey, G., Dalkilic, M.M., and Cassidy, K., 2014. Geological time, biological events & the learning transfer problem. *Journal of the Scholarship of Teaching & Learning* 14(4): 115-129.

Zhu, C.G. Rehrey, G., Treadwell, B., and **Johnson, C.C.**, 2012. Looking Back to Move Ahead: How Students Learn Deep Geological Time by Predicting Future Environmental Impacts. *Journal of College Science Teaching - A peer-reviewed journal published by the National Science Teachers Association*. 41(3):61-66.

### **TEACHING AWARDS AND RECOGNITIONS**

Trustees Teaching Award in the Tenure Track Faculty, College of Arts and Sciences, 2013-14

Teaching Excellence Recognition Award, Department of Geological Sciences, Indiana University, 2012

Nominated for the Student Choice Awards, Student Alumni Association, 2009

Fellow, Faculty Learning Program, Indiana University 2004 to present

Invited to develop MAPP Pilot Course for fall, 2016

Teaching Excellence Recognition Award, Department of Geological Sciences, Indiana University, 2000

### **MAJOR AWARDS AND RECOGNITION OF MY STUDENTS**

National Science Foundation Graduate Fellowship – Joshua Stewart

2016 Outstanding Young Alumni Award, College of Arts and Sciences, IUB – Joshua Stewart

### **TEACHING GRANTS**

2013 CITL Writing Program, Writing-Teaching Grant Program, IU OVPR Undergraduate Education

### **TEACHING WORKSHOPS**

*Invited Speaker*

2015 Using writing to teach: An intensive writing roundtable for faculty.

Sponsored by: The College and the Campus Writing Program

2007 IU Scholarship of Teaching and Learning Inquiry Commons (*Invited Participant*)

## *Participant*

2017 The science of studying and learning: What works, what doesn't, and how to help students maximize their potential.

Sponsored by: Center for Innovative Teaching and Learning

2016 Holding students accountable for coming to class prepared.

Sponsored by: Center for Innovative Teaching and Learning

2015 Integrative Learning: Teaching for transfer across the disciplines

Sponsored by: Scholarship of Teaching and Learning

Participant, Intensive Writing Roundtable Discussion sponsored by IU College and Campus Writing Program

Volunteer Instructor, Graduate Teacher Program's Fall Intensive, Univ. Colorado

## **COURSES TAUGHT**

(\* Indicates courses I designed and developed at IU Bloomington, U. Puerto Rico, Penn State)

### *Undergraduate courses*

\*Introductory Oceanography –for Directed Admissions Students

\*Biological Oceanography

\*Physical Geology

\*Environmental Geology

\*History of Life

\*Paleontology

\*Stratigraphy

\*Sedimentation

\*Beauty: Evolution of Science Coll C-105

\*Dinosaurs and their Relatives G114

Evolution and Extinction 300 level

Principles of Sedimentation and Stratigraphy G334

\*Natural History of Coral Reefs G341

\*Geobiology G404 and Invertebrate Paleontology G411

\*Independent Research Geological Sciences G490

\*Supervised Senior, field-oriented theses

\*Independent Research Biology L490

### *Graduate courses*

\*Paleoecology G561

\*Paleobiogeography G588

\*Evolution of Ecosystems G685

Practical Geobiology G600

\*Evolutionary Paleoecology G690

\*Reefs and Global Change G690

\*Form, Function and Evolution G690

Advanced Techniques (co-taught) G690

Global Climate Change and the Fossil Record (co-taught) G690

Geologic Problems: Interpreting Paleoclimatic Tools G690

\*Natural History of Coral Reefs G700/G341

\*Coral Climate Informatics G700-36165

### *Graduate seminars, team-taught courses, and field excursions*

Olduvai Gorge Research Seminar G690

\*Oligocene Reefs G700

Evolution of Reefs G690

Cenozoic Climate Variations G690

Processes Influencing Earth's Surface G690

Theme 1: The Holocene

Theme 2: Origins and Envelope of Life

Marine Micropaleontology and Paleooceanography G690

Cretaceous Ocean-Climate System G690

Stratigraphic Linkage between Continental and Marine Records of Cretaceous Climate Change G690

Dynamic Evolution of a Paleotropical Ocean-Climate System: Caribbean Province and its Margins

\*Alabama Museum of Natural History and Gulf Coastal Deposits, Tuscaloosa, Alabama.

### **STUDENTS SUPERVISED**

#### ***Ph.D. Degrees, Chair***

Samantha Hartzell, Enrolled Fall 2022

Anupama Chandroth, Enrolled Spring 2021

Hawley, Kirsten, Enrolled Fall 2019

Alexander N. Zimmerman, Graduated 2020

Title: The Importance of Biodiversity in Advancing Evolutionary Paleoecology

John Kearney, *Graduated 2019*

Title: Using phenocryst compositions from reworked tephra to enhance chronostratigraphic resolution of Bed III and Bed IV, Olduvai Gorge, Tanzania

Kathryn D Nold, Graduated 2018; Dual Degree Geological Sciences and Anthropology

Title: Local Environmental Dynamics on the Atlantic and Caribbean Coasts of Prehistoric Dominican Republic: A Geoarchaeological Approach to Midden Shells and Associated Ceramics.

Stephaney Puchalski, Graduated 2010

Title: Taphonomic approaches to interpretation of the fossil record of chitons (Mollusca, Polyplacophora)

Jen Latimer, Co-Chair with G.M.Filippelli, IUPUI, Graduated 2004

Title: Phosphorus geochemistry and terrigenous sedimentation in the Southern Ocean.

#### ***Ph.D. Degrees, Committee Member***

Thomas LaBarge, enrolled Fall 2022

Sierra Lopezalles, enrolled 2020

Charles Salcido, enrolled 2020

Danielle Peltier, enrolled 2019

Ricardo Ely, enrolled 2019

Ann Kort, enrolled 2019

Elizabeth Oliver, Graduated 2019

Title: Dynamics of sediment deposition on the deltaic islands of Wax Lake Delta, LA, USA

Mark Jenne, Department of Computer Science, IUB, Graduated 2019

Title: Modeling the etiology of coral disease in the Caribbean: Techniques for big disease data

Spencer Hellert, Graduated 2019

Title: Evolutionary dynamics of the limbs of birds and theropod dinosaurs: Testing the influence of functional constraint

Paul Farrugia, enrolled 2013

Title: The paleoecology of Pleistocene hominin landscapes at Olduvai Gorge, Tanzania

Allison Bormet, enrolled Fall 2010

Title: Form, function, and distal phalanx variation in the Ruminantia (Class Mammalia, Order Artiodactyla): A quantitative ecomorphological approach

Blair Hensley Marschand, Graduated 2017  
 Dual Degree Anthropology and Geological Sciences, Graduated 2017  
 Title: *Homo erectus* in China: Paleoclimate, paleoenvironment, and subsistence near their northeastern range limit

Michael Smith, Graduated 2017  
 Title: Faunal dynamics in response to Quaternary climate cycling: A physiographic regional approach

Richard Bykowski, Graduated 2014  
 Title: Using trait-based approaches to analyze the factors affecting theropod paleoecology in the Mesozoic

Paola Crippa, Graduated 2013  
 Title: Possibilities for limiting or reversing the impacts of global warming using geoengineering

Michelle Lawing, Graduated 2012  
 Title: The geographic and morphologic response of species and communities to their climate and environment"

Cindy Elbaz, Graduated 2015  
 Title: Microbial cycling of sulfur in a mesothermal spring on the Oregon Balalt Plateau

Rituparna Bose, Graduated 2010  
 Title: Morphometric evolution of Paleozoic brachiopods – The effects of environment and ecological interactions on shell morphology

Charles P. Egeland, Dept. Anthropology, *Minor Advisor*, Graduated Spring 2007  
 Title: Zooarchaeological and Taphonomic Perspectives on Hominid-Carnivore Interactions at Olduvai Gorge, Tanzania

Christopher J. Poulsen, Graduated 1999, Pennsylvania State University  
 Title: *The mid-Cretaceous ocean circulation and its impact on greenhouse climate dynamics*

Meredith Beilfuss, Science Education Dept., enrolled fall, 2001, Member of Advisory Committee

### ***M.S. Degrees, Chair***

Emily Thorpe, Graduated 2020  
 Title: Taxonomy and paleoecology of rudist bivalves from the Barrancas, Rio Maton, and Aguas Buenas Limestone Members, Middle Cretaceous, Puerto Rico

John Kearney, Graduated 2016  
 Title: Applying modern methods of stratigraphic analysis to enhance hominin landscape reconstructions in Bed III and younger, Olduvai Gorge, Tanzania.

Robin Green, Graduated 2012  
 Title: Analysis of Coral Reef Variation in Bonaire

James Morgenthien, Graduated 2011  
 Title: Paleocology of the Maastrichtian El Rayo Formation, Southwestern Puerto Rico

Kathryn Nold, Graduated 2009  
 Title: Indigenous utilization of shallow-water resources from archaeological marine shells in the Dominican Republic.

Allicia Davis, Graduated 2009  
 Title: Depositional environments of the Barrancas and Rio Maton Limestone Members, Albian, Puerto Rico.

Glenn Simonelli, Graduated 2007  
 Title: Sedimentology, geochemistry and paleobiology of a marginal marine depositional environment, the Mansfield Formation, Martin County, Indiana

Sonya Hernandez, Graduated 2006

Title: Stratigraphy and Sedimentology of the Lares Limestone, Oligocene, Puerto Rico  
Laurie Huff, Co-Chair, Graduated 2005  
Title: An analysis of anatomy, lifestyle and feather evolution of early birds and comparisons with *Protoavis texensis*: Was *Protoavis* a bird?  
Stephaney Puchalski, Co-chair, Graduated 2005  
Title: Taphonomy of chitons (Mollusca, Polyplacophora) and the chiton fossil record  
Erica Barrow, Graduated 2004, dual M.S. degrees in Geology and Science Education, non-thesis option in Geology; Title: Paleontologic investigation of a Middle-Late Oligocene reef complex, San Sebastian Formation and Lares Limestone, Puerto Rico  
Leigh Fall, Graduated 2003  
Title: *Quantification of coiling in rudist bivalves and assessment of water-energy levels; middle to basal Upper Albian, Edwards Formation, Texas.*  
Chris Willan, Graduated 2000  
Title: *Glacial stage reef tract development of the Pleistocene coral cap on Barbados, West Indies: Implications for tectonic uplift history*  
Todd Ventura, Graduated 1999  
Title: *Investigation of coral diversity and coral number on disturbance-induced patches: A study of the intermediate disturbance hypothesis in the Key Largo Formation, Late Pleistocene, Florida*  
Kristin Wood, Graduated 1999  
Title: *Reconstructing Pleistocene reef development, Barbados, West Indies*

### ***M.S. Degrees, Committee Member***

Sam Anderson  
Thomas LaBarge, Graduated Summer 2022  
Ricardo Ely, Graduated 2020 Title: The relationship between ecological dispersion and morphological integration in Carnivora (Mammalia).  
Anne Kort, completed 2020 Title: Evolution of lumbar and locomotion in Paleogene mammals.  
Sarah Swartz, in progress  
Ellen Reat, completed 2016  
Emily Gercke, completed 2011  
Michael Smith, completed 2010  
Mark Harvey, completed 2005  
Anwar Soheil, completed 2004  
Sean Machovoe, Graduated 1998  
Katrina Gobetz, Graduated 1998  
Jennifer Ayres Coates, Graduated 1998  
Kate Pickford, Graduated 1998

### ***Faculty Sponsor, Individualized Majors Program (IMP), IUB***

Katie Lauren James, IMP  
Alex Kopnick, IMP  
Charley Connon, IMP

## **BA/BS Degrees and IMP Degrees, Chair, Co-Chair and Committee Member**

Jenna Baelz, IMP, Co-sponsor with C.D. Beeker

Emma DeLillo, IMP, Co-sponsor with C.D. Beeker, Graduated 2019

Title: *Dendrogyra cylindrus* on the reef zone associated with the 1724 Guadalupe Underwater Archaeological Preserve

Sarah Welsh, IMP, Co-sponsor with C.D. Beeker. Graduated 2021

Jenna Baelz, IMP, Co-sponsor with C.D. Beeker

Ashley Drury, IMP, Co-Sponsor with C.D. Beeker. Graduated 2021

Hannah Winston, IMP, Co-sponsor with D.D. Beeker. Graduated 2020

Arianna Lagunas, IMP, Co-sponsor with C.D. Beeker. Graduated 2021

Title: The World is my Oyster.

Angelica Lopez, IMP, co-sponsor with C.D. Beeker

Hayley Bedwell, BS Biology, Graduated 2015

Elly Perry, Individualized Major Program

Emily Schultz, IU STARS and COX Programs; BS Geological Sciences, Graduated 2013;

Title: The Taino La Cangrejera middens: Anthropogenic vs. natural taphonomy of coral specifically *Acropora palmata* and *A. cervicornis*

Ryan Berner, Individualized Major Program, Marine Biology, co-Sponsor with C. D. Beeker, Graduated 2011;

Title: Analysis of the endangered Caribbean corals: *Acropora palmata* and *Acropora cervicornis* in the Captain Kidd Marine Protected Area

Josh Stewart, Individualized Major Program, Marine Biology, co-Sponsor with C. D. Beeker, Graduated 2010;

Title: Methods for management: Monitoring marine resources

Erica Medley: Undergraduate Research; Graduated 2008

Title: Coral reefs of Bonaire - mooring buoy anchors Bonaire, BNMP

Nicole Williamson, BSES Program, co-Chair with C. D. Beeker, Graduated 2007

Title: The Role of Artificial Reef Systems as Sustainable Habitats

Jeff Gehlhausen, *School of Informatics*, Capstone Thesis, Committee Member, Graduated 2007

Title: Organizing and Visualizing Indiana's Type Collection using Virtual Earth

Troy Campbell, *School of Informatics*, Capstone Thesis, Committee Member, Graduated 2005

Title: Paleoinformatics: Bringing the Future to the Past

Nick Leach, B.A. Geological Sciences, Graduated 2005

Title: Biogeography of Ceratopsian Dinosaurs

Selena Medrano, IU STARS Program; Committee Chair, Graduated 2003

2001 project title: *Comparison of Modern and Ancient Corals*

2002 project title: *Environmental Factors Affecting Coral Shape Through Time*

## **SERVICE RELATED ACTIVITIES**

## **DEPARTMENT SERVICE**

Director, Graduate Studies Program, 2007-2011  
Director, Associate Instructors and Associate Instructor Training, 2007-2011  
Elected Member, Policy Committee, Academic Years: 2007, 2008, 2009, 2010, 2011, 2016, 2017, 2018, 2019, 2020, 2021  
Chair, Undergraduate Curriculum Assessment for Department, 2015-2019  
Chair, Field Station Committee, 2018-2019  
Chair, Owen Award Committee, 2003-2005  
Curator and Collections Co-Manager, IU Paleontology Collections, 1996 to present  
Co-Author, *Policies and Procedures for Tenure and Promotion*, Dept. Geological Sciences, 2013  
Member, Graduate Affairs Sub-Committee 2004-2005, 2018-19  
Member, Curriculum Committee, 2009, 2010  
Member, Undergraduate Curriculum Assessment Committee, 2013-2015  
Member, Undergraduate Committee, 2006-2007, 2012-2015  
Member, Tenure and Promotion Evaluation Committee 2016  
Member, Lecturer 3<sup>rd</sup> Year Evaluation Committee 2016  
Member, Preliminary Exam Committee, 2014  
Member, John B. Patton Award Committee, 2011-2014, 2016-2017  
Member, Tanzanian Funds Advisory Committee, 2016-2017  
Member, Geological Sciences Building Emergency Committee, 2014-2017  
Member, ad-hoc Space Committee 2016  
Member, Space Assignment and Planning Committee, 2018-2019  
Faculty Advisor, *Rho* Chapter, Sigma Gamma Epsilon, 2003, 2004, 2015-16, 2016-2017  
Acting Chair, Graduate Committee, Nov. 2001  
Member, Search Committee for External Chair, 1998  
Member, Search Committee for Faculty Positions, 2001-2003  
Member, Graduate Committee, 1996-2001  
Member, Graduate Curriculum Committee, 2000-2001  
Member, Salary and Points Committee, 2000-2002  
Member, Merit Performance Committee for Staff Evaluation, 1999  
Member, Space Committee, 1996-1997  
Recorder, Faculty Minutes, 1997-2002

## **UNIVERSITY AND CAMPUS SERVICE**

### **University**

Elected Member, IU Graduate Faculty Council, 2015-2017  
Elected Member, Academic Policy Committee, IU Graduate Faculty Council, 2015-2017  
Member, IU General Education Committee, 2011-2019  
Member, Natural & Mathematical Sciences Subcommittee, IU General Education Committee, 2011-2019  
Associate Director, Center for Underwater Science, 2018-present  
Member, Diving Control Board, 2009-present  
Member, Diving Control Board, Scientific Diving Subcommittee, 2009-present  
Member, Faculty Advisory Board, Center for Innovative Teaching and Learning, 2015-2016  
Member, Indiana Geological Survey Advisory Council, 2011-2018  
Member, Indiana Geological Survey Review Committee, 2021

Member, OVPR Research Equipment Fund Review Committee, 2021

## **Campus**

Chair, Provost Promotion Advisory Committee Member, Office of Provost for Faculty and Academic Affairs, 2018 (member) 2019-2021 (chair)

Member, Indiana University Museum of Anthropology and Archaeology, 2019-2021

Director, Center for Biological Research Collections, 2020-2024

Interim-Director, Center for Biological Research Collections 2018-2019

Co-Founder and Inaugural Executive Committee Member, Center Biological Research Collections, 2013-2019

At-Large Member, Bloomington Faculty Council, 2009

Faculty Committee, Individualized Majors Program, 2018-present

Member, Institute for Advanced Studies, Selection Committee 2018-2021

Member, Advisory Board, IU Stone Age Institute, 2006-2007

Member, Committee on Graduate Education, 2012-2014

Member, Academic Fairness Committee, 2013-2015

Member, Dissertation Fellowship Review Committee, 2015-2016

Member, Strategic Planning Committee, Physical and Life Sciences, 2008-2009

Member, Human Evolutionary Studies Committee, 2013-2-14

Mentor, Hutton Honors College Undergraduate Research, 2009-2013

Mentor, Cox Research Scholars, 2009-2013

Co-Sponsor, Individualized Majors Program, Undergraduate Students' Degree Programs

Member, Summer Faculty Fellowship Screening and Evaluation Committee

Member, Faculty Panel for University Graduate School, AGEP

Member, Global Village, Planning and Implementation Committee, 2003-2004

Faculty Marshal, Commencement, IU Bloomington, 2010 and previous years

Member, Faculty Advisory Board, Office for Women's Affairs, Women in Science Program (WISP)

Chair, Earth and Environment Group, Women in Science Program, 2007-2009

Representative, 10<sup>th</sup> Annual Women in Science Research Conference, Office for Women's Affairs

Institute for Advanced Study, Primary Sponsor of Dr. W. W. Hay, External Academic Fellow, 1999

Institute for Advanced Study, Pre-tenure Sabbatical Group Seminar Participant, 1999

Honors Division Exploring Majors Series, Participant, 1997-2001

Office of Women's Affairs Non-tenured Faculty Advising Committee, Member, 1998-1999

Office of Women's Affairs Faculty Mentoring Program, Participant, 1998

*University of Puerto Rico, 1985-1987*

Academic Curriculum Committee Member

## **PROFESSIONAL SOCIETY SERVICE**

### ***External Evaluation Committee***

For promotion to Senior Scientist, IUB, 2021

For tenure and promotion, R1 University, 2021

### ***The Paleontological Society***



Secretary, Elected Position, and Executive Board Member, 2018-2021  
Distinguished Lecturer, 2002-2004, 2000-2002  
Chair (2014-15), Member (2012-14) Nominations Committee; Presidential Appointment  
Member, Strimple Awards Committee, 1999-2000  
Member, North American Paleontological Convention Planning Committee 2007-2009  
Judge, Paleontological Society, GSA Annual Meeting, 2012, 2013, 2015, 2017  
Judge, North American Paleontology Convention, 2014  
Evaluator and Judge, Outstanding Student Poster Award, GSA Annual Meeting 2010, 2012

### ***Society for Sedimentary Geology***

Associate Editor, *Palaïos*, 2006 – 2010  
Reviewer of manuscripts, 1998-present

### ***Geological Society of America***

Member, Research Grants Committee, 2002-2004, 2000-2002  
Mentor, *On To The Future program*, 2015, 2016  
Chair, Topical Theme Session: The Tropics Compared: Icehouse & Greenhouse States, Annual Meeting, 1999  
Presenter and Co-Author of Short Course "Evolution of Reef Communities", 1988  
Translator, Spanish to English, manuscripts

### ***National Science Foundation***

Invited Participant, Preservation of Geoscience Research Cores and Collections: The View from Academic  
Researchers, 2003  
Panel Member, Earth Science Post-Doctoral Research Fellowships Program, 1999  
Grant Reviewer, Yearly, 1998-2017

### ***International Society for Reef Studies***

Co-Chair, 13<sup>th</sup> International Coral Reef Symposium, Hawaii 2016  
Title: *Session 50: Modeling and computational tools for coral reef management and conservation*

### ***Sigma Gamma Epsilon, Rho Chapter***

Invited Keynote Speaker, Annual Crossroads Geology Conference, 2014  
Faculty Advisor, 2015-2017  
Judge, 14<sup>th</sup> Annual Crossroads Geology Conference, 2014, 2016

### ***International Geological Correlation Programs (IGCP)***

U.S. Coordinator, IGCP 464, Land-ocean interactions of carbon cycle and bio-diversity change during the  
Cretaceous in Asia, 2000-2005  
IGCP 335, Participant, Recovery from Mass Extinctions  
IGCP 165, Participant, Stratigraphic Correlation of the Caribbean  
IGCP 216, Participant, Global Biological Events in Earth History  
IGCP 216, Assistant Organizer, Global Bioevents Conference, Colorado, 1985

### ***7<sup>th</sup> International Conference on Rudists, 2005***

Member, Organizing Committee, 2004-2005

### ***Caribbean Geological Conferences***

Co-convenor, 9th Annual Symposium on Caribbean Geology, University of Puerto Rico, 1990  
Assistant Organizer, 5th and 6th Annual Symposia on Caribbean Geology: Conferences, Field Excursions and Guidebooks, 1986 and 1987  
Symposium Co-Organizer, 12th Caribbean Geological Conference, St. Croix, Virgin Islands, 1989  
Co-Organizer, International field excursion following the 1989 International Geological Congress: Jamaican Cretaceous biota and carbonate platforms

## **PROFESSIONAL SOCIETY MEMBERSHIPS**

International Society for Reef Studies, 2006-present  
The Paleontological Society, 1986-present  
Society for Sedimentary Geology, 2003-present  
Geological Society of America, 1984-present  
American Geophysical Union, 1994-present  
Sigma Gamma Epsilon, 2015-present  
Sigma Xi, 1998-present

## **COMMUNITY SERVICE**

Invited Speaker, Young Professionals, Bloomington, IN, 2021  
Coordinator of Public Lectures, IU Office Women's Affairs, Women in Science Program, Bloomington, IN  
Coordinator, Fossil Event for Science Olympiad, Indiana State Tournament  
Coordinator, Wonderlab Fossil Day, Bloomington, IN  
Coordinator, Kids Coalition Event, Salem, Indiana  
Coordinator, Brownie Math and Science Event, Girl Scouts, Bloomington, IN  
Panelist, Interviewing Skills for Scientists, AAAS-sponsored workshop at IU  
Public Outreach, Paleontology Contact Person, Indiana University  
Participant: Jobs Track Radio Services for High School Students, IU Radio Program  
Volunteer Instructor, September School, Boulder, CO  
Volunteer Scientist, Student Minority Access to Research Program  
Lecturer, Gifted Children Program, Baseline Junior High School, Boulder, CO  
Board Member, American Association of University Women, Boulder, CO  
Environmental Representative, American Association of University Women, Boulder, CO  
Volunteer Tutor, taught English to Chilean elementary students, Boulder, CO  
Conversation Partner to Latin American students, Boulder, CO  
Judge, 38th International Science and Engineering Fair, San Juan, Puerto Rico  
Judge, Regional Science Fair, San German, Puerto Rico

*Johnson, C. C., Curriculum Vitae, January 12, 2023*