

Kevin R. Evans, Ph.D. – Curriculum Vitae

Geography, Geology, and Planning Department
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Education:

Ph.D., honors, Geology, 1997, The University of Kansas, Lawrence, Kansas.
M.S., honors, Geology, 1989, The University of Kansas, Lawrence, Kansas.
B.S., *cum laude*, Geology, 1986, Southwest Missouri State University, Springfield, Missouri.

Emphases/Principal Interests:

Impact geology, stratigraphy, sequence stratigraphy, carbonate depositional systems, geologic mapping, and cultural geology.

Professional Certification

Registered Geologist (RG), State of Missouri (*via* ASBOG FG/PG examinations), license no. 2009026258

Teaching Experience:

Professor of Geology. Missouri State University, 2013-present. Courses: Physical Geology, Historical Geology, Petroleum Geology, Depositional Environments, Directed Field Trips, and Special Topics.
Associate Professor of Geology and Earth Science Education Program Coordinator. Missouri State University, 2008-2013. Courses: Physical Geology, Environmental Geology, Historical Geology, Petroleum Geology, Directed Field Trips, Science Education, Earth Science Education, Pistol Marksmanship, and Special Topics.
Assistant Professor of Geology and Earth Science Education Program Coordinator. Missouri State University, 2003-2008. Courses: Environmental Geology, Directed Field Trips, Science Education, Earth Science Education, and Special Topics.
Lecturer and Adjunct Faculty Member, Southwest Missouri State University, Springfield, Missouri, 2002-2003. Courses: Global Issues, Environmental Geology, and Physical Geology labs.
Instructor, De Anza College, Cupertino, California, Fall Quarter 1997. Temporary, part-time position. Courses: Physical Geology, lecture and two lab sections.
Visiting Lecturer, University of Nevada – Las Vegas, 1991-1992. Sabbatical replacement. Courses: Introductory Geology, two semesters, Sedimentology and Stratigraphy.
Graduate Teaching Assistant, The University of Kansas, 1986-1987. Lab Instructor. Course: Physical Geology labs, two semesters.

Other Professional Experience:

Geologist and Graphic Artist, StratiGraphix, Santa Cruz, California and Springfield, Missouri, 1999-2002. Founded geologic consulting and graphic design firm for contract work with U.S. Geological Survey and university projects. Projects include a Digital Atlas of Hydrocarbon Accumulations in and adjacent to the National Petroleum Reserve, Alaska (NPRA); coral reefs of Hawaii; salt-water intrusion in coastal aquifers (Los Angeles Basin, California); hazardous trace

elements in petroleum source rocks (San Joaquin Valley, California); developed Cabrillo Project identity for coastal studies in southern California. Supervisors: Drs. Brian Edwards and Mike Field.

Geologist, United States Geological Survey, *Energy Program*, Menlo Park, California, 1997-1999.

Scientific and technical support for projects: oil and gas assessment of the Arctic National Wildlife Refuge, 1002 Area, North Slope, Alaska; thermal maturity of sedimentary rocks in Alaska; carbonate stratigraphy and field geology of the Red Dog Mine area, Brooks Range, northwest Alaska; Devonian and Carboniferous carbonate reservoirs of the Bolshoi Karatau, Kazakhstan. Supervisors: Drs. Ken Bird and Harry Cook.

Coastal and Marine Geology Program, Palo Alto and Menlo Park, California, 1994-1997.

Cartographic and technical support for projects including marine biohabitats in Glacier Bay, Alaska; sediment map of the Gulf of Alaska; Monterey Bay Marine Sanctuary studies, California; and participated in shipboard collection and archiving box and piston cores. Supervisor: Supervisor: Dr. Mike Marlow.

Graduate Research Assistant, The University of Kansas, 1987-1991, 1992-1994. Investigated Cambrian strata, fauna, and tectonic history of Antarctica. Duties included three ten-week field seasons in Antarctica, laboratory research, and publication of results. Supervisor: Prof. A.J. Rowell.

Summer Internships, Mobil Exploration and Producing US, Inc., Denver, Colorado, Alpine, Wyoming, and Dallas, Texas, 1991, 1993. Exploration geology, integrating well logs with field stratigraphic investigation of a carbonate gas reservoir in the western Wyoming fold-thrust belt. In second summer, explored for accumulations of hydrocarbons in Lower Cretaceous carbonate strata in the Gulf of Mexico, integrating sequence-stratigraphic concepts with petrographic studies of borehole cuttings, well logs, and seismic data.

Summer Internship, Shell Western Exploration and Production Inc., Houston, 1988. Performed subsurface analogue studies of two Silurian and Devonian carbonate reservoirs on the central basin platform in western Texas.

TEACHING

Courses Taught:

Missouri State University:

GLG 110 Principles of Geology (lecture and lab)

GLG 171 Environmental Geology

GLG 314 Historical Geology (lecture and lab)

GLG 351 Photogeology (field component only)

GLG 360 Directed Field Trips — Mid-Continent Impacts and Other Structures (2003); Carbonate and Karst Geology of Florida (2005, 2008); Geology of the Canadian Rockies (Kananaskis)(2005, 2008); Geology of Big Bend (2012); Geology of the Four Corners (2013); Geology of Death Valley and Southern California (2014); Geology of Northern California (2015)

GLG 412 Field Geology of the Mid-Continent Region (2x)

GLG 574/674 Petroleum Geology

GLG 597/697 Selected Topics in Geology (Global Tectonics, Depositional Environments)

GRY 100 Global Issues: Geographic Perspectives

GRY 240 Earth Science for Teachers

PED 135 Combat Pistol Marksmanship

SCI 214 Introduction to Science Teaching in the 21st Century Classroom

SCI 414 Teaching of Middle and Secondary School Natural Science

Courses tailored for individual students:

- GEO 780 Research Paper in Geospatial Sciences (Significance of the sub-Mississippian unconformity)
GLG 397 Selected Topics in Geology (Kinematics of Decaturville Structure and Core Studies; stylolite research; impact studies)(several students)
GLG 499 Research in Geology (Geologic mapping of the Jane 7.5-minute quadrangle)(several students)
GLG 597 Selected Topics in Geology (Carbonate Rocks and Petrography)
GLG 698 Research in Geological Sciences (Engaging Secondary Students in Undergraduate Research)
GLG 798 Research in Geological Sciences (Impact Studies in Nevada)

DeAnza College, Cupertino, California (per course):

Geology 10 (physical geology lecture and labs)

University of Nevada, Las Vegas (sabbatical replacement):

GEY 101 Introductory Geology: Exploring Planet Earth
GEY 462 Principles of Stratigraphy and Sedimentology

The University of Kansas (graduate teaching assistant):

GLG 101 Introduction to Geology (labs)

Graduate Students — Theses Supervised and Completed:

- BARNARD, Kathryn N., 2009, Geology and wine in Missouri: Spatial analysis of terroir using a geographic information system and remote sensing: unpublished masters thesis, Missouri State University, 204 p.
COX, Melissa R., 2008, Geology of the Vista, Missouri 7.5' Quadrangle: unpublished M.S. thesis, Missouri State University, 59 p. and one sheet.
JACKSON, J.S., 2011, Sequence stratigraphy of the lower and middle Mississippian Subsystem in southwestern Missouri: unpublished M.S. thesis, Missouri State University, 82 p.
MOON, Kevin E., 2012, Deposition and emplacement characteristics of the Weaubleau Breccia: Indications from clast provenance and analyses: unpublished M.S. thesis, Missouri State University, defended Fall 2012.

Graduate Students — Non-Thesis Option Supervised and Completed:

- BHATTACHARYYA, M., 2013, Age, origin, and geospatial character of extant paleo-valleys in western Missouri, Missouri State University.
CRUZ, D.C., 2012, A base study for the sub-Mississippian unconformity of the Ozark plateau region: unpublished M.S. research paper, Missouri State University.

Graduate Students — Current Thesis Advisees:

- Rachel Hess—Secular variation in Cambrian-Ordovician flat-pebble conglomerates, Great Basin, USA.
Laura Thayer—Geology of the mid-Mississippian Meramecian series in west-central Missouri.
Wesley Weichert—Cyclic stratigraphy of the Elvinia transgression, Great Basin, USA.

Graduate Students — Thesis Committee Member:

- Travis Carr
Rebecca Gibboney
Clark Giboney
Mark Gossard

[Jamaican beach study]

Manjeera Malempati (Chemistry)

Shannon McAdam

Uranbaigal Purevsuren

Andrew Schiller

Richard Snyder

Ben Weide

Graduate Student External Funding:

Dulce Cruz, 2007, AAPG Grant-in-Aid (Robert K. Goldhammer Memorial Grant): \$2,500.00.

Melissa Cox, 2005, Barringer Family Foundation Fund for Impact Studies: \$1,700.00 [not including USGS EDMAP funding for her research assistantship].

RESEARCH

External Funding:

- U.S. Geological Survey EDMAP program funding in the amount of \$21,573.00 in May 2012. This grant supports undergraduate students research of the Weaubleau structure; it includes matching funds (percent of regular and sabbatical salary) from the university.
- National Science Foundation, Age and Origin of the Weaubleau Structure: A Possible Meteorite Impact in Missouri (Award #0642405), \$133,000.00 awarded March 9, 2007.
- U.S. Geological Survey EDMAP program funding in the amount of \$20,988.00 in May 2006. This grant supported graduate student research of the Weaubleau structure; it includes matching funds (percent of salary) from the university.

Pending Proposals:

- Isotopic records and physical limits on late Cambrian cyclic successions in the Great Basin, USA: American Chemical Society–Petroleum Research Fund, submitted October 2015.

Missouri State University Faculty Research Grants and Sabbaticals:

- Faculty Research Grant, Carbon-Isotope Analyses of Cambrian Limestone from Utah, \$1,480.00, Fall 2014.
- Summer sabbatical, Devonian and Mississippian tectonism and sequence stratigraphy of southwestern Missouri, Summer 2012, summer salary (\$6,000.00) from MSU.
- Sabbatical, Impact geology and educational outreach, Mittuniversitetet of Sweden, Östersund, Fall 2009, travel funded through NSF, ¾ salary (~\$40,000.00) from MSU.
- Faculty Research Grant, Imaging Haviland impact crater with ground-penetrating radar: secondary Earth Science education through student research, \$5,156.00, Fall 2006.
- Faculty Research Grant, substitute coordinator for Ken Thomson, Sedimentological and age-dating studies of Riverbluff Cave, awarded \$5,300.00, Spring 2004.
- Faculty Research Grant, co-wrote proposal and assisted Charles W. Rovey II in coordinating impact studies of the Weaubleau structure, awarded \$6,900.00, Spring 2003.

Unfunded Grant Proposals:

- EPSCoR Program, National Science Foundation, involved in three multi-disciplinary pre-proposals that include a component for mapping and examining correlations between geology, soils, climate, fluvial characteristics, and wild and varietal grapevines. One pre-proposal was selected for continuance to proposal stage.
- U.S. Geological Survey EDMAP program, Geology of the Weaubleau structure: Mapping the geology and structural deformation of the Iconium 7.5' quadrangle, Missouri, requested \$30,254.00. Status: submitted October 2009, not funded.
- National Science Foundation, CCLI, co-PI, Project STAT, requested \$149,155.00. Status: submitted May 2006; not funded.
- National Science Foundation, Division Undergraduate Education, co-PI (with Drury University PI), Geoscience Education Today (GET), requested \$6,147,000.00. Status: submitted April 2006, not funded.
- National Science Foundation, Earth Science Division, PI, Geology of the Weaubleau Structure: A possible Meteorite Impact, requested \$182,000.00. Status: submitted July 2005, not funded.
- National Science Foundation, Earth Science Division, PI, Weaubleau-Osceola Impact Studies (WISP): Multidisciplinary exploration of a newly discovered impact structure, requested \$573,967.00. Status: submitted July 2004; not funded.
- National Science Foundation, CCLI, co-PI, Project STAT, requested \$82,096.00. Status: submitted December 2004; not funded.

Missouri Grape and Wine Board of Research, GeoTerroir: A vineyard canopy monitoring initiative using ground-based remote sensing, requested \$22,000.00. Status: submitted November 2005; not funded.

Awards and Honors:

Young Astronauts Constellation Club, Outstanding Service Award, 2006-2007.

Missouri State University, College of Natural and Applied Science Research Award, 2005.

Shoemaker Award for Communication Product Excellence, U.S. Geological Survey, 2003. National USGS award for writing and illustrating a large portion of the USGS Coral Reefs Program Fact Sheet.

Excellence of Poster Presentation Award, 1998 Annual Meeting of Society for Sedimentary Geology (SEPM). Sequence stratigraphy of the Steptoean interval in west-central Utah and east-central Nevada.

Cash Award, U.S. Geological Survey, Energy Resources Program, 1998. Development of software solution to produce seismic imagery for the Arctic National Wildlife Refuge 1002 Area Energy Assessment Team.

Cash Award, U.S. Geological Survey, Coastal and Marine Program, 1997. Performance of emergency tasks needed before shipboard deployment. Accepted leave for field studies in Great Basin in lieu of cash.

Erasmus Haworth Award, outstanding Ph.D. student in Geology Department, The University of Kansas, 1992.

Promising Young Geoscientist Award, Society for Sedimentary Geology (SEPM), 1991.

Antarctic Service Medal of the United States, 1990.

Erasmus Haworth Award, outstanding M.S. student in Geology Department, The University of Kansas, 1989.

W. A. Tarr Award, Sigma Gamma Epsilon, outstanding geology student, Southwest Missouri State University, 1986.

Graduate and Undergraduate Activities, Scholarships, and Support:

Student Representative, Department of Geology, Promotions and Tenure Committee, 1991, 1990

Geological Society of America, Grant in aid of research, 1990

Sigma Xi, Grant in aid, 1990

Student Representative, Department of Geology, Faculty Search committees, 1990, 1989

R. C. Moore Scholarships, 1990, 1988

Henbest Scholarship, 1989

Student Representative, Department of Geology, Faculty Meetings, 1988

American Association of Petroleum Geologists, Grant in aid of research, 1987

August Selig Fund, Geology Associates Fund, and The University of Kansas Museum of Invertebrate Paleontology, support for field work, 1987-1990

Ray P. Walters Scholarship, 1987

Student Representative, College of Science and Mathematics Student Advisory Council, 1986

President, Sigma Gamma Epsilon, Delta Omega Chapter, Southwest Missouri State University, 1985-1986

List of Publications (arranged by most recent year, then author):*Peer-Reviewed Publications Edited:*

- EVANS, K.R., and ABER, J.S., 2010, From Precambrian Rift Volcanoes to the Mississippian Shelf Margin: Geological Field Excursions in the Ozark Mountains: Geological Society of America Field Guide 17, 158 p.
- EVANS, K.R., HORTON, J.W., Jr., KING, D.A., Jr., and MORROW, J.R., eds., 2008, The Sedimentary Record of Meteorite Impacts: Geological Society of America Special Paper 437, 213 p.

Peer-Reviewed Articles:

- MILLER, J.F., EVANS, K.R., ETHINGTON, R.L., FREEMAN, R.L., LOCH, J.D., REPETSKI, J.E., RIPPERDAN, R.L., and TAYLOR, J.F., submitted, Proposed auxiliary boundary stratigraphic section and point (ASSP) for the base of the Ordovician system at Lawson Cove, Utah, USA: Stratigraphy,
- MILLER, J.F., RIPPERDAN, R.L., LOCH, J.D., FREEMAN, R.L., EVANS, K.R., TAYLOR, J.F., and TOLBART, Z.C., 2015, Proposed GSSP for the base of Cambrian Stage 10 at the lowest occurrence of *Eoconodontus notchpeakensis* in the House Range, Utah, USA: *Annales de Paléontologie*, v. 101, pp. 199-211.
- MILLER, J.F., EVANS, K.R., FREEMAN, R.L., RIPPERDAN, R.L., and TAYLOR, J.F., 2014, The proposed GSSP for the base of Cambrian Stage 10 at the First Appearance Datum of the conodont *Eoconodontus notchpeakensis* (Miller, 1969) in the House Range, Utah, USA: *GFF*, v. 136(1), pp. 189-192 <<http://dx.doi.org/10.1080/11035897.2013.862853>> [Special Issue: EPGC — Early Palaeozoic Global Change, published by the Geological Society of Sweden].
- EVANS, K.R., 2012, Gamma-ray cross sections—Gamma-ray cross sections—Correlation of Steptoean strata in the eastern Great Basin using outcrop gamma-ray profiles, *in* Derby, J.R., Fritz, R.D., Longacre, S.A., Morgan, W.A., and Sternbach, C.A., eds., *The great American Carbonate Bank: The geology and economic resources of the Cambrian-Ordovician Sauk megasequence of Laurentia*: American Association of Petroleum Geologists Memoir 98, pp. 365a-373a.
- EVANS, K.R., MILLER, J.F., and DATTILO, B.F., 2012, Chapter 33, well study—Sauk III-IV interval in the American Quasar 16-21A Horse Heaven–State well, Confusion Range, west-central Utah, *in* Derby, J.R., Fritz, R.D., Longacre, S.A., Morgan, W.A., and Sternbach, C.A., eds., *The great American Carbonate Bank: The geology and economic resources of the Cambrian-Ordovician Sauk megasequence of Laurentia*: American Association of Petroleum Geologists Memoir 98, p. 375a-382a.
- FINN, M.P., KRIZANICH, G.W., EVANS, K.R., COX, M.R., YAMAMOTO, K.H., 2012, Visualizing impact structures using high-resolution LiDAR-derived DEMs: A case study of two structures in Missouri: *Surveying and Land Information Science*, v. 72(2), pp. 87-97.
- MILLER, J.F., EVANS, K.R., and DATTILO, B.F., 2012, Chapter 31, extended abstract—The great American carbonate bank in the miogeocline of western central Utah: Tectonic influences on sedimentation, *in* Derby, J.R., Fritz, R.D., Longacre, S.A., Morgan, W.A., and Sternbach, C.A., eds., *The great American Carbonate Bank: The geology and economic resources of the Cambrian-Ordovician Sauk megasequence of Laurentia*: American Association of Petroleum Geologists Memoir 98, pp. 357a-363a.
- MILLER, J.F., EVANS, K.R., and DATTILO, B.F., 2012, Chapter 31, the great American carbonate bank in the miogeocline of western central Utah: Tectonic influences on sedimentation, *in* Derby, J.R., Fritz, R.D., Longacre, S.A., Morgan, W.A., and Sternbach, C.A., eds., *The great American Carbonate Bank: The geology and economic resources of the Cambrian-Ordovician Sauk megasequence of Laurentia*: American Association of Petroleum Geologists Memoir 98, pp. 769-854.
- MILLER, J.F., EVANS, K.R., FREEMAN, R.L., RIPPERDAN, R.L., and TAYLOR, J.F., 2011, Proposed stratotype for the base of the Lawsonian Stage (Cambrian Stage 10) at the First Appearance Datum of *Eoconodontus notchpeakensis* (Miller) in the House Range, Utah, USA: *Czech Geological Society Bulletin of Geosciences*, v. 86(3), pp. 595-620.
- EVANS, K.R., 2010, Civil War and cultural geology of southwestern Missouri, part 1: Geological

- influences on the Battle of Forsyth, guerrilla activities, and post-war vigilantism, *in* Evans, K.R., and Aber, J.S., eds., From Precambrian Rift Volcanoes to the Mississippian Shelf Margin: Geological Field Excursions in the Ozark Mountains: Geological Society of America Field Guide 17, pp. 69-98.
- EVANS, K.R., and ABER, J.S., 2010, Preface, *in* Evans, K.R., and Aber, J.S., eds., From Precambrian Rift Volcanoes to the Mississippian Shelf Margin: Geological Field Excursions in the Ozark Mountains: Geological Society of America Field Guide 17, p. v.
- HANNIBAL, J.T., and EVANS, K.R., 2010, Civil War and cultural geology of southwestern Missouri, part 1: The geology of Wilson's Creek Battlefield and the history of stone quarrying and stone use, *in* Evans, K.R., and Aber, J.S., eds., From Precambrian Rift Volcanoes to the Mississippian Shelf Margin: Geological Field Excursions in the Ozark Mountains: Geological Society of America Field Guide 17, pp. 39-68.
- MILLER, J.F., EVANS, K.R., AUSICH, W.I., BOLYARD, S.E., DAVIS, G.H., ETHINGTON, R.L., ROVEY, C.W., II, SANDBERG, C.A., THOMPSON, T.L., and WATERS, J.A., 2008, Mixed-age echinoderms, conodonts, and other fossils used to date a meteorite impact, and implications for missing strata in the type Osagean (Mississippian) in Missouri, USA, *in* Ausich, W.I., and Webster, G.D., eds., Echinoderm Paleobiology, Indiana University Press, Bloomington, IN, pp. 246-288.
- EVANS, K.R., 2008, Preface, *in* Evans, K.R., Horton, J.W., Jr., King, D.A., Jr., and Morrow, J.R., eds., The Sedimentary Record of Meteorite Impacts: Geological Society of America Special Paper 437, 2 p.
- MILLER, J.F., ETHINGTON, R.L., EVANS, K.R., HOLMER, L.E., LOCH, J.D., POPOV, L.E., REPETSKI, J.E., RIPPERDAN, R.L., and TAYLOR, J.F., 2006, Proposed stratotype for the base of the highest Cambrian stage at the first appearance datum of *Cordylodus andresi*, Lawson Cove section, Utah, USA: *Paleoworld*, v. 15, pp. 384-405.
- EVANS, K.R., HORTON, J.W., Jr., THOMPSON, M.F., and WARME, J.E., 2005, The Sedimentary Record of Meteorite Impacts: An SEPM Research Conference: The Sedimentary Record, v. 3(1), pp. 4-9.
- PLYMATE, T.G., EVANS, K.R., GUTIERREZ, M., and MANTEI, E.J., 2005, Alumni of geology B.S. program express strong support for field geology and related field and laboratory experiences: *Journal of Geologic Education*, v. 53(2), pp. 215-216.
- EVANS, K.R., MILLER, J.F., and DATILLO, B.F., 2003, Sequence stratigraphy of the Sauk Sequence: 40th anniversary field trip in western Utah, *in* Swanson, T.W., ed., Western Cordillera and adjacent areas: Geological Society of America Field Trip Guide 4, pp. 17-35.
- MILLER, J.F., EVANS, K.R., LOCH, J.D., ETHINGTON, R.L., STITT, J.H., HOLMER, L., and POPOV, L.E., 2003, Stratigraphy of the Lower Sauk III interval (Cambrian and Ordovician), Ibex Area, western Millard County, Utah: *Brigham Young University Geology Studies*, v. 47, p. 23-118.
- EVANS, K.R., 2002, Inexpensive Jacob's staff with laser sight: *Journal of Sedimentary Research*, 72(3), pp. 449-450.
- MILLER, J.F., K.R. EVANS, J.D. LOCH, R.L. ETHINGTON, and J.H. STITT, 2001, New lithostratigraphic units in the Notch Peak and House Formations (Cambrian-Ordovician), Ibex Area, western Millard County, Utah: *Brigham Young University Geology Studies*, 46, pp. 35-69.
- ROWELL, A.J., W. R. VAN SCHMUS, B. C. STOREY, A. H. FETTER, and K. R. EVANS, 2001. Latest Neoproterozoic to Middle Cambrian age for the main deformation phases of the Transantarctic Mountains: new stratigraphic and isotopic constraints from the Pensacola Mountains, Antarctica: *Journal of the Geological Society of London*, 158(2), pp. 295-308.
- KELLER, M.A., K.J. BIRD, and K.R. EVANS, 1999. Petroleum source rock evaluation based on sonic and resistivity logs, *in* The ANWR Assessment Team, eds., The oil and gas resource potential of the 1002-Area, Arctic National Wildlife Refuge, Alaska: U.S. Geological Survey Open-File Report, 98-34, CD-ROM, pp. SR1-SR62.
- MILLER, J.F., J.D. LOCH, J.H. STITT, R.L. ETHINGTON, L.E. POPOV, K.R. EVANS, and L. HOLMER, 1999. Origins of the great Ordovician biodiversification: The record at Lawson Cove,

- Ibex area, Utah, USA. in *Quo vadis Ordovician—Short papers of the Eighth International Symposium on the Ordovician System*. Acta Universitatis Carolinae, Geologica, 43, no. 1/2, pp. 459-462.
- CARLSON, P.R., T.R. BRUNS, K.R. EVANS, J.T. GANN, D.J. HOGG, S.J. TAGGART, AND P.N. HOOGE, 1998, Cruise Report of M/V Quillback in Glacier Bay, Alaska: physical characteristics of Dungeness crab and halibut habitats: U.S. Geological Survey Open-File Report, 98-134, 50 p.
- EVANS, K.R., 1997. Offshore geologic framework and sedimentology of the Gulf of Alaska: selected bibliography of U.S. Geological Survey studies (1970-present): U.S. Geological Survey Open-File Report, 97-26, 15 p.
- ROWELL, A. J., D. A. GONZALES, L. W. McKENNA, K. R. EVANS, E. STUMP, AND W. R. VAN SCHMUS, 1997, Lower Paleozoic rocks in the Queen Maud Mountains: revised ages and significance, in Ricci, C. A., ed., *The Antarctic Region: Geological Evolution and Processes*, Terra Antarctica Publications, Siena, Italy, pp. 201-207.
- EVANS, K. R., 1996. Marine geology of the Bering Sea: selected bibliography of U.S. Geological Survey studies (1970-present). U.S. Geological Survey Open-File Report, 96-655, 11 p.
- EVANS, K.R., AND C. MAYBURY, 1996. Pennsylvanian phylloid algae interpreted as shallow-water xenophyophores: reply. *Lethaia*, 29, pp. 299-300.
- EVANS, K. R., A. J. ROWELL, AND M. N. REES. 1995. Sea-level changes and stratigraphy of the Nelson Limestone (Middle Cambrian), Neptune Range, Antarctica. *Journal of Sedimentary Geology*, B65(1), pp. 32-43.
- MAYBURY, C., AND K. R. EVANS. 1994. Pennsylvanian phylloid algae interpreted as shallow-water xenophyophores. *Lethaia*, 27, pp. 29-33.
- EVANS, K. R. 1992. Marocella: Antarctic specimens of an enigmatic Cambrian animal. *Journal of Paleontology*, 66(4), pp. 566-570.
- WOOD, R. A., K. R. EVANS, AND A. Yu. ZHURAVLEV. 1992. A new post--Early Cambrian archaeocyath from Antarctica. *Geological Magazine*, 129, pp. 491-495.
- ROWELL, A. J., M. N. REES, AND K. R. EVANS. 1992. Evidence of major Middle Cambrian deformation in the Ross orogen, Antarctica. *Geology*, 20, pp. 31- 34.
- EVANS, K. R. AND A. J. ROWELL. 1990. Small shelly fossils from Antarctica: an Early Cambrian faunal connection with Australia. *Journal of Paleontology*, 64(4), pp. 692-700.

Other Journal Articles and Publications (Non Peer-Reviewed):

- EVANS, K.R., JACKSON, J.S., MICKUS, K.L., MILLER, J.F., and CRUZ, D., 2011, Enigmas and anomalies of the lower Mississippian subsystem in southwestern Missouri: American Association of Petroleum Geologists Search and Discovery, article no. 50406, 47 p.
- ROWELL, A. J., W. R. VAN SCHMUS, L. W. McKENNA III, AND K. R. EVANS. 1995. Early Paleozoic continental-rise deposition off East Antarctica: the Patuxent Formation of the Pensacola Mountains. *Antarctic Journal of the United States*, 1994 Review Volume, 29(5), pp. 42-44.
- ROWELL, A. J., K. R. EVANS, AND L. W. McKENNA III. 1994. Cambrian and possible Proterozoic strata in the Transantarctic Mountains, north of Leverett Glacier. *Antarctic Journal of the United States*, 1993 Review Volume, 28(5), pp. 35-37.
- EVANS, K. R., A. J. ROWELL, AND M. N. REES. 1992. Sea-level fluctuations and the evolution of a Middle Cambrian carbonate ramp in the Neptune Range. *Antarctic Journal of the United States*, 1991 Review Volume, 26(5), pp. 47-49.
- ROWELL, A. J., M. N. REES, AND K. R. EVANS. 1991. Depositional setting of the Lower and Middle Cambrian in the Pensacola Mountains. *Antarctic Journal of the United States*, 1990 Review Volume 25(5), pp. 40-42.
- ROWELL, A. J., K. R. EVANS, AND M. N. REES. 1989. Fauna of the Shackleton Limestone. *Antarctic Journal of the United States*, 1988 Review Volume, 23(5), pp. 13-14.

Field Trip Guidebook Articles (Non Peer-Reviewed):

- HANNIBAL, J.T., EVANS, K.R., CHANDLER, A., and MICHELFELDER, G.S., 2014, Slaughter in the

- rocks and other geological aspects of the battle of Pea Ridge: Geological Society of America South-Central Section Annual Meeting Geologic Field Trip Guidebook, March 14 [field trip canceled].
- EVANS, K.R., MICKUS, K.L., and JACKSON, J.S., 2010, Stratigraphic and structural significance of Kinderhookian strata in Southwest Missouri: Implications for Mississippian tectonism: American Institute of Professional Geologist Missouri Section Annual Meeting Field Trip Guidebook, 40 p.
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- EVANS, K.R., and PLYMATE, T.G., 2005, Stratigraphy and structural geology of the Branson area, southwestern Missouri: AAPG Foundation Trustees Annual Meeting Field Trip Guidebook, 17 p.
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- CARLSON, P. R., T. R. BRUNS, G. R. COCHRANE, K. R. EVANS, P. N. HOOGE, and S. J. TAGGERT. 1998. Marine Geology of Benthic Biological Habitats, Glacier Bay, AK: 10th Western Groundfish Conference, Program and Abstracts: Asilomar, California, Monterey Bay Aquarium Research Institute (MBARI), p. 46.
- EVANS, K. R., AND R. H. GOLDSTEIN, 1998. A new sequence-stratigraphic model for mixed carbonate and siliciclastic strata deposited on subsidence-dominated miogeoclines: Upper Cambrian, Great Basin, USA. AAPG-SEPM (Society for Sedimentary Geology) Annual Meeting Expanded Abstracts, CD-ROM, 6 p. [poster received SEPM Excellence of Poster Presentation Award]
- MILLER, J.F., K.R. EVANS, J.D. LOCH, J.E. REPETSKI, R.L. RIPPERDAN, J.H. STITT, AND M.E. TAYLOR, 1998, Mixed-age redeposited conodonts and trilobites in the proposed global stratotype for the base of the Ordovician system in the Cow Head Group at Green Point, western Newfoundland, Canada. Geological Society of America Annual Meeting Abstracts with Program, 30(7), pp. 144-145.
- MILLER, J. F., K. R. EVANS, J. D. LOCH, R. L. RIPPERDAN, R. L. ETHINGTON, J. H. STITT, L. E. POPOV, AND L. E. HOLMER, 1998. The stratigraphic record of multiple Cambrian-Ordovician horizons: you pay your money and you take your choice. Geological Society of America, North-central Sectional Meeting, Abstracts with Program, 30(2), p. 62.
- ROWELL, A. J., W. R. VAN SCHMUS, A. H. FETTER, L. W. MCKENNA, III, K. R. EVANS, AND B.C. STOREY, 1998. Cambrian deep-water sedimentary rocks of the Patuxent Formation and the main pre-latest Middle Cambrian phase of the Ross orogeny in the Pensacola Mountains, Antarctica. Geological Society of America, Annual Meeting, Abstracts with Program, 29(6), p. 227.
- EVANS, K. R., AND J. F. MILLER, 1997. Cambrian-Ordovician microkarst in subtidal facies: knife-edge sequence boundaries in miogeoclinal strata, west-central Utah. Geological Society of America, Annual Meeting, Abstracts with Program, 29(6), p. 269.

- EVANS, K. R., A. J. STEVENSON, P. W. BARNES, P. R. CARLSON, and M. A. HAMPTON. 1996. Sea-floor sediments in the Gulf of Alaska: new map compilations for studies of benthic biohabitats. *EOS American Geophysical Union Transactions*, 77(46), p. F409.
- EVANS, K. R., 1996. Long-distance correlation of Upper Cambrian meter-scale cycles and the limits of cyclostratigraphy. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 28(7), p. A 37.
- EVANS, K. R. 1996. Second-order gamma-ray profiles and Cambrian cyclicity: implications for tracking accommodation rates. *Geological Society of America, Cordillera Meeting, Abstracts with Programs*, 28(5), p. 65.
- ROWELL, A. J., D. A. GONZALES, L. W. McKENNA III, K. R. EVANS, E. STUMP, and W. R. VAN SCHMUS. 1995. Lower Paleozoic rocks in the Queen Maud Mountains: Revised ages and significance. *VII International Symposium on Antarctic Earth Science, 1995 Abstracts Volume*, p. 329.
- EVANS, K. R. 1995. Outcrop gamma-ray profiles and high-resolution Cambrian stratigraphy. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 27(6), p. 175.
- EVANS, K. R., A. J. ROWELL, L. W. McKENNA III, AND W. R. VAN SCHMUS. 1994. Deep-water lower Paleozoic deposition off the Antarctic segment of Gondwana. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 26(7), p. 504.
- EVANS, K. R. 1992. Late Cambrian sea-level changes and sedimentation patterns in the House Range embayment. *Geological Society of America, Rocky Mountain Section Meeting, Abstracts with Programs*, 24(6), p. 10.
- EVANS, K. R., A. J. ROWELL, AND M. N. REES. 1991. Sea-level changes and evolution of a Middle Cambrian carbonate ramp: Neptune Range, Antarctica. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 23(7), p. 305.
- MAYBURY, C. AND K. R. EVANS. 1991. Carboniferous analogues of recent xenophyophores. *Sixth Deep-Sea Biology Symposium, Copenhagen 1991*, pp. 91-92.
- REES, M. N., A. J. ROWELL, AND K. R. EVANS. 1990. New dimensions for Early Cambrian reefs revealed in Antarctica. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 22(7), p. 132.
- ROWELL, A. J., K. R. EVANS, AND M. N. REES. 1990. An additional major phase of tectonism in the Ross orogen, Transantarctic Mountains. *Geological Society of America, Annual Meeting, Abstracts with Programs*, 22(7), p. 365.
- ROWELL, A. J., K. R. EVANS, AND M. N. REES. 1989. Diversity and significance of the Early Cambrian Shackleton Limestone fauna, central Transantarctic Mountains. *Origin and Evolution of the Antarctic Biota, Abstracts Volume, Geological Society of London*, p. 37.
- COYLE, W. G., III, AND K. R. EVANS. 1987. Phylloid algal mounds in the Frisbie Limestone. *Society of Economic Paleontologists and Mineralogists Annual Midyear Meeting, Abstracts*, 4, p. 17.
- EVANS, K. R., AND V. E. KURTZ. 1986. Trilobite and acrotretid (Inarticulate) brachiopod zonation of shelf sediments of the Bonnetterre and Davis Formations from southeastern Missouri. *Transactions, Missouri Academy of Science*, 20, p. 105.

Published Geologic Maps:

- ELSON, J.D., CAUTHON, M.J., LARSON, M.O., NEWBOLD, K.S., EVANS, K.R., BASSETT, D.J., MICKUS, K.L., ALEXANDER, A., CHESTER, R., COBB, C., GIBONEY, R., PURCELL, J., THAYER, L., and ZAITZ, B., 2014, Bedrock geology of the Jane 7.5-minute quadrangle, McDonald county, Missouri: Missouri Geological Survey Open-File Map—2014-651-GS, one sheet.
- COX, M.R., AND K.R. EVANS, 2007, Geology of the Vista quadrangle, St. Clair county, Missouri: Missouri Geological Survey Open-File Map.
- EVANS, K. R., C. GUTMACHER, P. R. CARLSON, M. A. HAMPTON, M. S. MARLOW, AND P. W. BARNES, 1999. Map of distribution of bottom sediments on the continental shelf, Gulf of Alaska. *U.S. Geological Survey Miscellaneous Field Studies Map, MF-2335*, 2 sheets.

USGS CD-ROM Compilations:

- USGS ANWR ASSESSMENT TEAM, 1999. The oil and gas potential of the Arctic National Wildlife Refuge, 1002 Area, Alaska. U.S. Geological Survey Open-File Report 98-34, CD-ROM [several chapters, in part].
- JOHNSSON, M.J., K.R. EVANS, AND H. A. MARSHALL. 1999. Thermal maturity of sedimentary rocks in Alaska: U.S. Geological Survey Digital Data Series, DDS-54.
- COOK, H. E., AND J. J. CORBOY, 1998. Devonian and Carboniferous Carbonates in the Bolshoi Karatau, Kazakstan: outcrop analogs for coeval supergiant oil and gas fields in the North Caspian Basin. U.S. Geological Survey-Kazakstan-Oil Industry CRADA Project, proprietary publication, 6 CD-ROM discs.[contributed in part]

USGS Fact Sheets:

- EDWARDS, B.D., AND K.R. EVANS, 2002. Salt-water intrusion in Los Angeles area coastal aquifers—the marine connection: U.S. Geological Survey Fact Sheet 030-02, 2 pp.
- FIELD, M.E., S.A. COCHRAN, AND K.R. EVANS, 2002, U.S. coral reefs—imperiled national treasures: U.S. Geological Survey Fact Sheet 025-02, 4 p. [received Eugene Shoemaker Award]
- FIELD, M.E., P.S. CHAVEZ, K.R. EVANS, AND S.A. COCHRAN, 2001. New mapping techniques help assess the health of Hawai'i's coral reefs: U.S. Geological Survey Fact Sheet 084-01, 4 p.

Missouri State University Fact Sheets:

- EVANS, K.R., 2006, Field Trip Guide to the Geology of MSU's Springfield Campus: Missouri State University Geoscience Fact Sheet, no. 2, 6 p.
- EVANS, K.R., 2003, Missouri State Geologists Investigate Large Meteorite Impact Site in Southwestern Missouri: Southwest Missouri State University Geoscience Fact Sheet, no. 1, 4 p.

USGS Brochures/Posters and Digital Products:

- FIELD, M.E., K.R. EVANS, AND S.A. COCHRAN, 2000, USGS Hawai'i coral reef studies: Unofficial publication of the Coastal and Marine Geology Team, Santa Cruz, California, quadruple tri-fold brochure and poster.

USGS Web Sites and Digital Products:

<http://wrgis.wr.usgs.gov/wreg/env/index.html>

Web site gives background and results of research efforts concerning the environmental geology of petroleum source rocks and their selenium content. In addition to design and implementation, I provided content and sampled cuttings from the California Core Repository to facility parts of this study.

<http://coralreefs.wr.usgs.gov>

Provided design input and graphic illustrations for the USGS Coral Reefs Program web site.

Ph.D. Dissertation:

- EVANS, K. R., 1997. Stratigraphic expression of Middle and Late Cambrian sea-level changes: examples from Antarctica and the Great Basin, USA. Unpublished doctoral dissertation, The University of Kansas, Lawrence, 177 p., with 15 oversize plates.

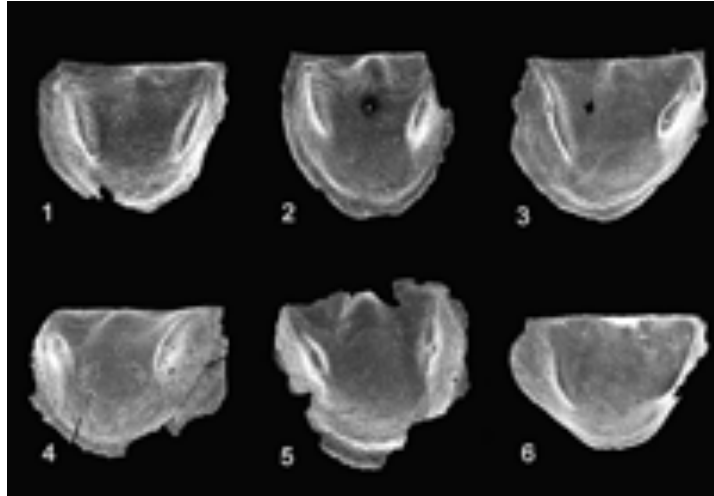
M.S. Thesis:

- EVANS, K. R., 1989. Provincialism and evolutionary significance of some fauna from the Shackleton Limestone, Antarctica. Unpublished master's thesis, The University of Kansas, Lawrence, 94 p.

Species Namesake:

Bicarinella evansi, Rode et al. 2003

RODE, A.L., LIEBERMAN, B.S., and ROWELL, A.J., 2003. A new Early Cambrian bradoriid (Arthropoda) from East Antarctica. *Journal of Paleontology* 77(4):691-697. [for Antarctic field service, sample collection, processing, and preparation.]



SERVICE

Academic Service Activities:

Missouri State University Service

Missouri State University Public Affairs Committee, 2015-2016.
 Missouri State University Faculty Senate *ad hoc* Committee on Diversity, 2015-present.
 Missouri State University Visioning Task Force for Diversity, 2014.
 Missouri State University Graduate Council, 2014-present.
 Missouri State University Graduate Council Scholarship Committee Chairman, 2014-present.
 Provost's Fellow for Public Affairs, 2013-2014.
 Missouri State University Public Affairs Committee, 2012-2014.
 Missouri State University Public Affairs Executive Committee Chairman, 2012-2014.
 Missouri State University Hall of Fame Committee, 2012.
 Professional Education Committee (PEC), departmental representative 2006-2008.
 Professional Education Unit (PEU), member 2004-present.
 Graduate Faculty, 2003-present.

College of Natural and Applied Science (CNAS) Service

CNAS Diversity Committee, member, 2011-2015.
 CNAS Diversity Committee, co-chair, 2011-2012.
 CNAS Diversity Task Force, 2010-2011.
 CNAS Education Committee, departmental representative, 2003-2008.
 CNAS Science Education Committee, departmental representative, 2003-2008.

Geography, Geology, and Planning (GGP) Service

GGP Earth Science Education Committee, coordinator, 2003-present.
 GGP Graduate recruitment committee, 2003-present.
 GGP Graduate program curriculum and assessment committee, 2003-present.
 GGP Geology program curriculum and assessment committee, 2003-present.
 GGP GLG 171 Environmental Geology curriculum and assessment committee, 2003-2012.
 GGP GLG 110 Physical Geology curriculum and assessment committee, 2012-present.
 GGP Geology faculty/staff search committees, 2004-05, 2006-07, 2011-12, 2012-13, 2014-15, 2015-16.
 GGP Faculty merit evaluation committee, 2010.
 GGP Colloquium co-coordinator, 2007-2009.

Professional and Honor Organizations:

American Association for the Advancement of Science
 American Association of Petroleum Geologists
 American Geophysical Union
 American Mensa
 Association of Missouri Geologists
 Geological Society of America
 International Association of Sedimentologists
 Meteoritical Society
 Missouri Academy of Science
 National Association of Geology Teachers (inactive)
 Phi Kappa Phi Honor Society (inactive)
 Sigma Gamma Epsilon (inactive)
 Society for Sedimentary Geology (SEPM)

Professional Service Activities:*Agencies and International Societies:*

Missouri Division of Geology and Land Survey, Geologic Mapping Advisory Committee, vice chair, 2007-present.

SEPM (Society for Sedimentary Geology) headquarters and business committee (HBC), 2007-2012.

SEPM (Society for Sedimentary Geology) Associate Editor for journal *Palaios*, 2010-2012.

Geological Society of America, North-Central Section, management committee, member-at-large, 2008-2011.

Geological Society of America, 2010 North-Central/South-Central Sections Joint Meeting, Branson, Missouri, geology field trips co-chair and local committee member, 2008-2010.

Association of Missouri Geologists, Education Committee, 2008-present.

National Association of Geoscience Teachers, Executive Council, 2010-2011.

National Association of Geoscience Teachers, Central Section, second vice president, 2009-2010, first vice president, 2010-2011, president, 2011-2012, past president, 2012-2013.

Sessions Chaired or Co-chaired at Professional Meetings:

2013 GSA NC Section Meeting, Field Trips, Guidebooks, and Apps: Exploring the Present, Past, and Future of Geological Field Trips and Field Trip Guidebooks.

2011 GSA NE/NC Joint Meeting, Geology of the War of 1812.

2010 GSA NC/SC Joint Meeting, Geology of the Civil War.

2006 GSA Annual Meeting, Terrestrial Impact Breccias.

2005 SEPM Research Conference, The Sedimentary Record of Meteorite Impacts.

2003 GSA Annual Meeting, Fortieth Anniversary of Sloss's Cratonic Sequences: Sequence Stratigraphy of the Sauk Sequence.

Manuscripts Reviewed:

Global climatic and sea level cycles in the Cambrian, Babcock et al., *Paleoworld*, reviewed Fall 2014.

Stateline faults: making a case for standardizing terminology in lithic studies from an Ozarks-wide perspective, friendly review, J.H. Ray, reviewed in January 2013.

Tectonically enhanced organic fluid migration in the Dabashan foreland belt: indicated by geochemistry and geothermometry of vein-filling fibrous calcites with organic inclusions, Li Rongxi, Dong Shuwen, Dan Lehrmann, and Duan Lizhi, *Journal of Asian Earth Sciences*, reviewed in February 2013.

Late post-impact sedimentation in the Ritland impact structure, western Norway, *Norwegian Journal of Geology*, Azad et al., reviewed in 2012.

Late syn-impact and early post-impact sedimentation in the Ritland impact structure, western Norway, *Norwegian Journal of Geology*, Azad et al., reviewed in 2011.

Inside the crater, outside the crater: Stratigraphic details of the margin of the Chesapeake Bay impact structure, Virginia, USA, for GSA Books Publication, Edwards et. al., reviewed in 2009.

Geologic column for the ICDP-USGS Eyreville B core, Chesapeake Bay impact structure: Impactites and crystalline rocks, 1,096-1,766 m, Horton et al., reviewed in 2008.

Geochemical characteristics of target rocks and suevitic glasses from the Eyreville B drill core, Chesapeake Bay impact structure, for GSA Books Publication, Skala et al., reviewed in 2008.

Shock-metamorphic petrography and micro-Raman spectroscopy of quartz in upper impactite interval, ICDP drill core LB-07A, Bosumtwi impact crater, Ghana for *Meteoritics & Planetary Science*, Morrow, reviewed in 2006.

Chapter 6.4 – Stratigraphic controls on salt water intrusion in the Dominguez Gap area of coastal Los Angeles for U.S. Geological Survey, Edwards et al., reviewed in 2006.

Meteorites and meteorite-impact features in Kansas for *Kansas Academy of Science Transactions*, Merriam and Harbaugh, reviewed in 2006.

Books Reviewed:

Geology of the Yellowstone Region, Marc S. Hendrix, 2011, Mountain Press Geology Underfoot Series, 302 p., reviewed in 2011.

Geology of the Yosemite, Allen F. Glazner and Greg M. Stock, 2010, Mountain Press Geology Underfoot Series, 299 p., reviewed in 2011.

Academic Promotion and Tenure Applications Reviewed:

Dr. Keith A. Milam, for tenure and promotion to Associate Professor, Department of Geological Sciences, Ohio University, Fall 2011.

Grant Proposals Reviewed:

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, Fall 2014.

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, Fall 2014.

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, Fall 2013.

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, Fall 2013.

NASA, 09-MDAP09-0005, Study of the morphology and morphometry of Martian single and multi-layered ejecta craters, 2009.

NASA, 09-MDAP09-0030, Investigating indicators of volatile-rich material in Arabia Terra, Mars, 2009.

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, 2008.

American Chemical Society, Petroleum Research Fund B Grant Proposal, confidential content and author, 2008.

International Continental Drilling Program (ICDP) and DOSECC (Drilling, Observation and Sampling of Earth's Continental Crust) meeting proposal for drilling Chicxulub Crater, 2006.

NSF proposal review, Division of Earth Sciences, Sedimentary Geology and Paleobiology Grant Proposal, confidential content and author, 2005.

Public Outreach and Education Activities (beyond regular teaching obligations):

Missouri State University Outreach Activities (General):

AAPG MSU student chapter advisor, 2008-present.

AAPG MSU campus representative, 2008-present.

Missouri State University Friends of the Libraries, 2007-present.

Missouri State University pistol team faculty advisor, 2005-2007.

Ozarks Science and Engineering Fair (OSEF), judge, 2002; grand judge, 2004; judge 2011, 2012.

Society for Sedimentary Geology (SEPM) MSU campus representative, 2005-present.

Missouri Science Olympiad, fossils event leader, 2002-present.

2015

Guest Speaker, Kansas Geological Society, Wichita, KS, Weaubleau structure: A mid-Mississippian impact on the Burlington shelf, September 22.

Leader (with Jim Miller), non-course-related geology student field trip to Weaubleau impact structure, September 19.

Guest Speaker, University Club, Heritage Cafeteria, Springfield, Missouri's impact structures September 16.

Guest Speaker, Springfield Astronomical Society, Missouri's impact structures, August 25.

Co-leader (with Ioannides), Study Away! field trip to San Francisco and northern California, July 30-August 10.
Guest Speaker, Moxie Theater Science on Screen series, There Will Be Blood: The legacy of petroleum exploration, March 16.
Leader, AAPG annual MLK geology field trip to Weaubleau structure, west-central Missouri, January 19.

2014

Guest Speaker, St. Clair County Historical Society, Missouri's Impact Structures, November 11.
Guest Speaker, UHC 110 on public affairs theme (post-fellowship), November 4.
Guest Speaker, Christian County Historical Society, Missouri's Impact Structures, September 14.
Guest Speaker, MSU English Language Institute talk, January 21.
AAPG MSU Student Chapter MLK Geologic Field Trip, Weaubleau Structure, January 20.

2013

Graduate recruitment field trip, Weaubleau impact structure, west-central Missouri, December 14.
Guest speaker for St. Clair County Historical Society, Collins, MO, November 14.
Guest speaker for MSU Residence Life, August 14.
Guest speaker for Astronomical Society of Kansas City, Kansas City, MO, July 28.
Guest speaker, AAPG Mississippi Lime Forum, Oklahoma City, OK, "Syn-tectonic sedimentation on a back-stepping Mississippian shelf margin, western Ozarks," January 31.
Leader, AAPG annual MLK geology field trip to the Weaubleau impact structure, west-central Missouri, January 21.

2012

Guest speaker, Crocker High School, Science Assembly, Crocker, MO, "Missouri's Meteorite Impacts," December 12.
Guest speaker for St. Clair County Historical Society, Collins, MO, November 13.
Leader, AAPG MSU Student Chapter Fall field trip, Grand Gulf and Mammoth Spring, November 10.
Leader, Camden County Rock and Mineral Club, Weaubleau field trip, June 16.
Leader, Albion College Geology Field Trip to Crooked Creek structure and Onondaga Caverns, May 6.
Guest speaker, IPFW Geology Department, Fort Wayne, IN, "Mississippian backstepping shelf margin and pre-Mississippian tectonism on the southern margin of Laurentia," April 25.
Guest leader, Kansas Oil and Gas Consortium Geology Field Trip to Branson area, April 5.
Leader, Alumni-hosted student petroleum company discussions trip to Tulsa, and geology of the Spavinaw Granite (my van), March 1.
Guest speaker, Missouri University of Science and Technology, Rolla, MO, "Sequence stratigraphy of the Steptoean stage in western Utah and eastern Nevada," February 6.
Leader, AAPG annual MLK geology field trip to the Decaturville impact structure and Hahatonka State Park, central Missouri, January 16.

2011

Guest speaker for St. Clair County Historical Society, Collins, MO, November 8.
Guest presenter, Young Astronauts Constellation Club, September 22.
Guest speaker, Missouri Archaeological Society, Butler, Missouri, September 7.
Guest speaker, Heart of America Star Party, Butler, Missouri, August 27.
Guest speaker, Kansas Geological Society, May 17.
Guest speaker, Iowa Academy of Sciences, April 29-30.
Guest speaker, Tulsa Geological Society, January 25.

Leader, AAPG annual MLK geology field trip to the Tri-State Mining District, southwest Missouri and southeast Kansas, January 17.

2010

Leader, AIPG geology field trip on the structure and stratigraphy of the Branson area, November 13.

Guest speaker for St. Clair County Historical Society, Collins, MO, November 9.

Guest presenter, Young Astronauts Constellation Club, September 23.

Leader, AAPG annual MLK geology field trip to Lost Valley State Park, Arkansas, January 15.

2009

Guest speaker for St. Clair County Historical Society, Collins, MO, November 13.

Guest speaker, tourism in Antarctica, Mittuniversitetet, Östersund, Sweden, August, date uncertain.

Guest speaker, van Tuyl lecture series (2 lectures), Colorado School of Mines, Golden, CO, April 17

Leader, AAPG annual MLK geology field trip to McDonald County, Missouri, January 19.

2008

Leader, field trip with Rick Snyder, secondary science teacher, Kickapoo High School science honor students, October 29.

Guest speaker for St. Clair County Historical Society, Collins, MO, November 13.

Co-leader (with Ioannides), Study Away! field trip to Canadian Rockies, July-August.

Co-leader, field trip in honor of Prof. James F. Miller on his retirement, May 10.

Guest presenter, CNAS Faculty Promotion and Tenure Workshop, May 6.

Guest speaker, Camden County Library Astronomy Club, April 19.

Guest speaker, University of Central Missouri Dept. Earth Science and Biology colloquium, February 15.

2007

Guest speaker, SIU Geology colloquium, November 30.

Leader, field trip with Rick Snyder, secondary science teacher, Kickapoo High School science honor students, November 16.

Guest speaker for St. Clair County Historical Society, Collins, MO, November 13.

Guest speaker for boy scout troop (Steve Pratt—scout master), geology badge, at Missouri State University, Springfield, November 12.

Guest speaker for boy scout troop (David Vaughn—scout master), geology badge, at Missouri State University, Springfield, October 15.

Guest speaker, stratigraphic principles and geologic time, ANT 125 Exploring Human Ancestry (Anthropology), October 4.

MSU geology student field trip (GLG 314) to the Weaubleau structure, September 15.

Guest speaker, GGP Colloquium Series, Engaging High School Students and Teachers in Undergraduate Research, September 7.

Assisted in organization and coordination of Missouri Minerals Education Foundation workshop, July 22-27.

Coordinated GPR survey of Ash Grove Quarry exposures with Rick Snyder (Earth Science secondary school teacher) and Sarah Byrd (student), July 14.

Guest speaker for Hermitage-Weaubleau summer school students, June 19.

Field trip leader, Young Astronauts Constellation Club to view the Weaubleau structure, April 21.

Field trip co-leader, GSA SC/NC Joint Section Meeting field trip, April 13-14.

Guest presenter, GLG 597 Planetary Geology, March 26.

MSU geology student field trip to the Weaubleau structure, date uncertain.

Science Olympiad event coordinator, Experimental Design, March 2.

Leader, field trip with Rick Snyder, secondary science teacher, Kickapoo High School science honor students, March 16.

2006

MSU geology student field trip to the Weaubleau structure, October.

Presenter/Attendee, Geological Society of America Annual Meeting, Philadelphia, Pennsylvania, October 22-25.

Guest speaker for St. Clair County Historical Society, Collins, MO, November 14.

Participant, SMSU Fall Commencement Ceremony, December 15.

Presenter/Attendee, Lockne Impact Workshop, Östersund, Sweden, June 8-13.

Co-leader (with Miller), MSU geology student field trip to the Weaubleau structure, May 12.

Co-leader (with Miller), GLG 110 field trip to the St. Francois Mountains, April 21-23.

Guest speaker for girl scout and boy scout troops, Roundtree Elementary School, Springfield, April 11.

Guest speaker for GRY 510, presented talk on Antarctic tourism and sustainability, April 4.

Organizer and leader, field trip for Oak Park High School (Kansas City–North area) and St. Clair County residents to the geology of the Weaubleau structure in southeastern St. Clair County, Missouri, March 22.

Judge, Science Olympiad, Southwest Missouri Regional Competition, Rocks and Minerals Event, March 4.

Coach and Organizer, Missouri State Pistol Team's hosted the Inaugural Missouri Shoot-Out Invitational, Springfield, Missouri, February 2-3.

Guest speaker for Astronomical Society of Kansas City, Kansas City, MO, January 28.

Guest speaker for University of Kansas, Department of Geology, Lawrence, KS, January 27.

2005

Coach and Organizer, Missouri State Pistol Team's hosted of the Inaugural Wild Bill Hickok Invitational, Springfield, Missouri, December 2-3.

Coach, Missouri State University Pistol Team, travel to and participation in NRA Invitational, Texas A&M University, College Station, Texas, November 18-19.

Attendee, Missouri Building a Presence (an NSF-supported science education initiative) organizational meeting, Jefferson City, September 16.

Coach, Missouri State University Pistol Team, travel to and participation in Buckeye Invitational, The Ohio State University, October 21-22.

Co-leader (with Plymate), American Association of Petroleum Geologists Foundation Trustees Annual Meeting Field Trip, Branson, October 14.

Attendee, Association of Missouri Geologists Annual Meeting, Sedalia, October 7-8.

Co-leader (with Ioannides), Study Away! field trip to Canadian Rockies, July-August.

Organizer and leader, field trip for St. Clair County residents to the geology of the Weaubleau structure in southeastern St. Clair County, Missouri, mid-July 2005.

Co-coordinator (with Tom Plymate) for Bevan French's short course "Trace of Catastrophe: A Handbook of Shock-Metamorphic Effects in Terrestrial Meteorite Impact Structures, May 24-25.

Organizer and co-convenor, SEPM Research Conference on "The Sedimentary Record of Meteorite Impacts", Springfield, Missouri. Approximately eighty participants participated in meetings, core workshop, and two field trips May 21-23.

Participant, SMSU Spring Commencement Ceremony, May 13.

Judge, Science Olympiad, Southwest Missouri Regional Competition, Fossils Event, March 15.

Guest speaker for GRY 510, presented talk on Antarctic tourism and sustainability, March 8.

Co-leader/driver (with Burl Self), GRY 305 field trip to Gilcrease Museum and Tallgrass Prairie Preserve, Tulsa and Pawhuska, Oklahoma, March 5.

Guest speaker for Springfield Astronomical Society, Springfield, MO, February 22.

Guest speaker for St. Clair County Historical Society, Collins, MO, February 8.
Co-leader/driver (with Burl Self), GRY 305 field trip to the Cahokia Mounds, Illinois, January 30.

2004

Participant, SMSU Fall Commencement Ceremony, December 16.
Co-leader/driver (with Burl Self), GRY 305 field trip to Gilcrease Museum, Tulsa, Oklahoma, December 5.
Keynote speaker for Gifted Association of Missouri (GAM) regional meeting in Osceola, Missouri, November 13.
Speaker for GEO 600 class, November 17.
Panel participant (one of four), Showcase on Teaching session “I wish they had told me...” Reflections of Newer Faculty, August.
Field trip leader, Hermitage Middle School summer science class, with Brenda Charles and Patti Hutton (Weaubleau Middle School), June 21.
Featured plenary speaker for Mid-States Region of the Astronomical Society, Springfield, MO, June 19.
Field trip leader, Warrensburg High School summer science class, with Brett Gray, June 6 and 10.
Participant, SMSU Spring Commencement Ceremony, May 14.
Guest speaker for St. Clair County Historical Society, Osceola, Missouri, April 13.
Guest speaker for Greenwood Laboratory School 5th Grade, Introduction to class project concerning origin of “round rocks” around Osceola, April.
Grand Judge, 2004 Ozark Science and Engineering Fair, April 6.
Judge Science Olympiad, Southwest Missouri Regional Competition, Fossils Event, March 13.
Guest speaker for GRY 510, presented talk on Antarctic tourism and sustainability, February 17.
Guest presenter for Young Astronaut Constellation Club, spoke about exploration of Mars rovers and types of rocks encountered there February 12.
Guest speaker for GRY 323, presented talk on the political geography of Antarctica, February 12.

2003

Participant, SMSU Fall Commencement Ceremony, December 19.
One of four guest speakers at CNAS Convocation, November 13.
Leader field trip to Weaubleau structure for pre-service elementary education teachers, November 8.
Co-convenor (with Miller)/Presenter, theme session “Sequence Stratigraphy of the Sauk Sequence” for Geological Society of America Annual Meeting, November 2-5. Presented both talk and poster.
Co-leader (with Miller), field trip: “Sequence Stratigraphy of the Sauk Sequence: Fortieth Anniversary Field Trip in Western Utah,” Annual Meeting Geological Society of America, October 29-November 1.
Leader for joint Greenwood Laboratory School 5th Grade and Weaubleau Middle School 8th Grade to Weaubleau-Osceola structure, October 17.
Guest speaker for Greenwood Laboratory School 5th Grade, pre-field trip introduction to meteorite impacts, October 16.
Guest presenter for Young Astronaut Constellation Club. Spoke about meteorite impacts and demonstrated impact processes (in a sandbox), October 9.
Special in-class GRY 240 karst field trip to Sequiota Park and Galloway Creek clean-up, September 29, 2003.
Co-leader (with Miller, Plymate, and Rovey) on field trips to Weaubleau-Osceola structure and Branson Area Geology for the 2003 Association of Missouri Geologists Annual Meeting. September 26-27.
Guest speaker for RPL 600, presenting information on aspects of my research, September 24.

Guest specialist in geology for Hollister area Boy Scouts of America Jamboree. Gave short presentations and authorized geology badges for Webelos, September 20.
Greenwood Laboratory School cooperative classroom peer-teaming activity with 5th Grade and GRY 240 for rock identification, September 17.
Greenwood Laboratory School cooperative classroom peer-teaming activity with 5th Grade and GRY 240 for mineral identification, September 10.
Presenter/Attendee, Ries Crater Impact Workshop, Nördlingen, Germany, August 1-10.
Guest speaker, Missouri Ozarks Mensa chapter, July 25.

Media and Public Relations:

MSU News Releases:

Nikki Donnelson, February 24, 2015.
Don Hendricks, April 9, 2003.
Don Hendricks, September 23, 2003.

Television Appearances:

Discovery Science Channel, *What on Earth?*, Multiple episodes/episode 6 featuring Weaubleau structure, Spring 2015 .
KY3, Linda Russell, Arkansas earthquakes, February 28, 2011
KSPR 33, Josh deBerge, Indonesian earthquakes, September, 2007.
KSPR 33, News story on funding for Weaubleau impact research, May 18, 2007.
KOLR-10, SEPM conference on meteorite impacts, May, 2005.
KY3, Tony Beeson, Weaubleau impact, May 9, 2004.
KOLR-10, Shane Devine, Weaubleau impact, April 2003.
KOLR-10, Shane Devine, Weaubleau impact, July 2003.

Radio Interviews:

KSMU Public Affairs Conference interview, April 27, 2014.
KSMU Missouri State Journal, Eric Eckert, November 17, 2006.
KSMU SMS & You, Don Hendricks, April 15, 2003.
KTTS radio news interview, July 2003.
KSMU News interview with Mike Smith after discovery of ancient water-lain or affected deposits, March 2, 2004.

Magazine Articles:

SMS Magazine, Summer 2003, v. 24, no. 1, p. 6.
Geotimes, Chris Chabot, July issue, 2003.
Smithsonian Air & Space Magazine, Tony Reichardt,, April-May issue 2004.

Newspaper and Internet Articles (partial listing):

CNN.com, April 22, 2003.
Community Free Press, June 20, Weaubleau impact, 2007.
Hermitage The Index, Don Ginnings, Weaubleau impact, July 23, 2003.
Hermitage The Index, Don Ginnings, October 1, 2003.
Humansville Star Leader, from press release, October 24, 2003.
Monett Times, from press release, April 29, 2003.
Park Hills Daily Journal Online, from press release, April 15, 2003.
Southwest Standard, April 25, 2003.
Semissourian.com, from press release, December 17, 2003.
Springfield Business Journal, Newsmakers, July 17-23, 2006.
Springfield News-Leader, Mike Penprase, April 12, 2003.

Springfield News-Leader, Roses & Thorns (Rose), April 19, 2003.
Springfield News-Leader, Mike Penprase, September 27, 2003.
Springfield News-Leader, NIE series, Cliff Sain, September 7, 2010.
Springfield News-Leader, NIE series, Cliff Sain, September 14, 2010.
St. Clair County Courier, Shelly Baugh, July 25, 2003.
St. Clair County Courier, Shelly Baugh, October 3, 2003.
St. Louis Post Dispatch, Jake Wagman, April 10, 2003.