

CURRICULUM VITAE

Kevin Ray Evans, Ph.D.
School of Earth, Environment, and Sustainability
Missouri State University
901 S National Ave.
Springfield, Missouri 65897

Office — 369-A Roy G. Blunt Hall
Lab — 325 Roy G. Blunt Hall

(417) 459-0691 (mobile, preferred)
(417) 836-5590 (office)
(417) 836-6006 (fax)
kevinevans@missouristate.edu

EDUCATION:

Ph.D., honors, geology, 1997, The University of Kansas, Lawrence
M.S., honors, geology, 1989, The University of Kansas, Lawrence
B.S., *cum laude*, geology (comprehensive), 1986, Missouri State University, Springfield

PROFESSIONAL CERTIFICATION:

Registered Geologist (RG), Missouri, license no. 2009026258, professional status.

RESEARCH EMPHASES:

Meteorite impact studies	Geologic mapping
Syntectonic sedimentation	Cultural geology
Carbonate depositional systems	Antarctic geology

ACADEMIC EXPERIENCE:

Professor of Geology, Missouri State University, 2013-present.

Visiting Professor, Swansea University, UK, 2016 (sabbatical).

Visiting Professor, Mitt-Universitetet, Östersund, SE, 2009 (sabbatical).

Associate Professor of Geology and Earth Science Education Program Coordinator, Missouri State University, 2008-2013.

Assistant Professor of Geology and Earth Science Education Program Coordinator. Missouri State University, 2003-2008.

Lecturer and Adjunct Faculty Member, Southwest Missouri State University, Springfield, Missouri, 2002-2003.

Instructor, De Anza College, Cupertino, California, Fall Quarter 1997. Temporary, part-time position, while working for U.S. Geological Survey.

Visiting Lecturer, University of Nevada – Las Vegas, 1991-1992. Sabbatical replacement.

Graduate Research Assistant, The University of Kansas, 1987-1991, 1992-1994.

Graduate Teaching Assistant, The University of Kansas, 1986-1987. Lab Instructor.

PROFESSIONAL EXPERIENCE:

Geologist and Graphic Artist, Stratigraphix, LLC., Santa Cruz, California and Springfield, Missouri, 1999- 2002, 2020. Founded geologic consulting and graphic design 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. Core study, structure contour mapping, and structural interpretation of selected areas on the Springfield plateau. Supervisors: Drs. Brian Edwards, Mike Field, and Todd Hallihan (Aestus, LLC).

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 (ANWR), 1002 Area and National Petroleum Reserve Alaska (NPRA), North Slope, Alaska; thermal maturity of sedimentary rocks in Alaska; carbonate stratigraphy and field geology of Red Dog Mine area, western Brooks Range, northwest Alaska; Devonian and Carboniferous carbonate reservoirs of the Bolshoi Karatau, Kazakhstan. Supervisors: Drs. Ken Bird and Harry Cook.

Geologist, United States Geological Survey, 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: Supervisors: 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 Instructed — Missouri State University:

- GLG 110 Principles of Geology (lecture and lab; online course development during COVID-19 pandemic)
- GLG115 Life of the Past (both in-person and on-line course development)
- GLG 171 Environmental Geology
- GLG 314 Historical Geology (lecture and lab; online course development during COVID-19 pandemic)
- 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, 2016)
 - Geology of the Four Corners (2013)
 - Geology of Death Valley and Southern California (2014)
 - Geology of Northern California (2015)
 - Physical and Cultural Geography of Jamaica (2016, 2017, 2018, 2019, 2020, 2021, 2022)
 - Geology of New Mexico (2016)
- GLG 397 Selected Topics in Geology (individualized field and laboratory coursework)
 - Kinematics of Decaturville impact structure, 2016
 - Drill core studies
 - Stylolite research
 - Impact studies
 - Riverbluff Cave Curriculum, 2016
- GLG 412 Field Geology of the Mid-Continent Region (2003, 2004)
- GLG 499 Research in Geology (Geologic mapping of the Jane 7.5-minute quadrangle, 12 students)
- GLG 570/670 Stratigraphy
- GLG 574/674 Petroleum Geology (2012, 2015, 2018, 2021)
- GLG 597/697 Selected Topics in Geology
 - Global Tectonics
 - Depositional Environments
 - Carbonate Rocks and Petrography
 - Impact Geology
- GLG 698 Research in Geological Sciences (Engaging Secondary Students in Research)
- GLG 798 Research in Geological Sciences (Impact Studies in Nevada)
- GEO 780 Research Paper in Geospatial Sciences (Study of sub-Mississippian unconformity)
- GRY 100 Global Issues: Geographic Perspectives
- GRY 240 Earth Science for Teachers
- PED 135 Pistol Marksmanship
- SCI 214 Introduction to Science Teaching in the 21st Century Classroom
- SCI 414 Teaching of Middle and Secondary School Natural Science

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)

Training and Instructional Grants:

Attended and participated in two-week FCTL Boot Camp for Online Instruction, 2020.

FCTL min-grant, \$1,500, digital recording equipment for developing online courses, 2021.

FCTL min-grant, \$1,986, HFR digital camera for impact cratering studies, 2018.

Graduate Student Theses Supervised and Completed:

KENNING, Brett, 2018,

WEICHERT, Wesley D., 2017, Cyclostratigraphic trends of $\delta^{13}\text{C}$ in upper Cambrian strata, Great Basin, USA: Implications for astronomical forcing: unpublished M.S. Thesis, Missouri State University, 141 p., defended Spring 2017. [*MSU Best Thesis Award 2018*]

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.

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.

BARNARD, Kathryn N., 2009, Geology and wine in Missouri: Spatial analysis of terroir using a geographic information system and remote sensing: unpublished M.S. 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.

Theses in Progress:

FRONING, Kagan, Anatomy of the Sauk II-III sequence boundary: unconformity in the Corset Spring Shale and Steamboat Pass Shale members of the Orr Formation and correlative conformity in the Dunderburg Shale, Great Basin, USA.

McAVOY, Jared, Lower Mississippian carbonate mud mounds in southwestern Missouri.

SOMMER, Sarah, Upper Cambrian cyclicity and stable-isotope record of a drowning unconformity in the Catlin Member of the Windfall Formation, eastern Great Basin, USA.

Non-Thesis Option Supervised and Completed:

DAVIS, Mary Ann, 2017, A Collection of Geoscience Education Applications: unpublished M.S. research paper, Missouri State University.

BHATTACHARYYA, Mayuri., 2013, Age, origin, and geospatial character of extant paleo-valleys in western Missouri: unpublished M.S. research paper, Missouri State University.

CRUZ, Dulce C., 2012, A base study for the sub-Mississippian unconformity of the Ozark plateau region: unpublished M.S. research paper, Missouri State University.

Theses not completed:

HESS, Rachel—Secular variation in Cambrian-Ordovician flat-pebble conglomerates, Great Basin, USA.

THAYER, Laura—Geology of the mid-Mississippian Meramecian series in west-central Missouri.

JORDAN, Nicolas—Geochemistry and clast frequency analysis of core from the Weaubleau Breccia, west-central Missouri: Implications for composition of the impactor.

BOAKYE, Osei Kwame—Depositional environments and sequence stratigraphy of the Windfall Formation in eastern Nevada: Implications for highstand shedding.

Graduate Student Committee Member:

ADEOYE, Sarah (Chemistry)

CARR, Travis

GEIER, Kayla

GIBBONEY, Rebecca

GIBONEY, Clark

GOSSARD Mark

GRAY, Jamie (Chemistry)

KUVANCZ Murat

MALEMPATI, Manjeera (Chemistry)

McADAM, Shannon

PURESUREN, Uranbaigal

ROUGHTON, Sarah (Chemistry)

SCHILLER, Andrew

SNYDER, Richard

WEIDE, Ben

WILSON, Zach (Chemistry)

Graduate Student External Funding:

WEICHERT, 2015, AAPG Grant-in-Aid and GSA Grant-in-Aid of Research: \$5350.00.

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

COX, 2005, Barringer Family Foundation Fund for Impact Studies: \$1,700.00; Graduate research assistantship \$7,500, USGS EDMAP funding for research assistantship.

RESEARCH

External Funding:

U.S. Geological Survey EDMAP program funding in the amount of \$21,987.00 in May 2020.

This grant supports undergraduate students geologic mapping of the Noel, Missouri 7.5-minute quadrangle; it includes matching funds (percent of regular and sabbatical salary) from the university.

U.S. Geological Survey EDMAP program funding in the amount of \$21,573.00 in May 2012.

This grant supports undergraduate students geologic mapping of the Jane, Missouri 7.5-minute quadrangle; 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 geologic mapping and research of the Weaubleau structure; it includes matching funds (percent of salary) from the university.

National Science Foundation, xSEDE Program (with Ridwan Sakidja, PAMS), 2016, Hydrocode modeling of a low-angle impact: \$1,739.05.

Unfunded Grant Proposals:

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

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.

Research 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.

Manuscripts Reviewed

Meteoritics and Planetary Science, Wetumpka impact structure, Wetumpka, Alabama, 2022.

Meteoritics and Planetary Science, 30 January 2017.

AAPG Special Publication, 1 June, 2017.

GSA Field Trip Guidebook Series, 28 November, 2017.

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.

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.

Publications:

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:

EVANS, K.R., 2019, Hugh Miller (1802–1856): Scottish Geologist, Popular Writer, and National Hero: Rock Stars series, *GSA Today*, June 2019, p. 36-37.

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., 2019, Proposed auxiliary boundary stratigraphic section and point (ASSP) for the base of the Ordovician system at Lawson Cove, Utah, USA: *Stratigraphy*, v. 12, no. 3-4, pp. 219-236.

EVANS, K.R., MCKENNA, L.W. III, LIEBERMAN, B.S., WEICHERT, W.D., and MacLEOD, K.G., 2018, Geology of the Nelson Limestone, Postel Nunatak, Patuxent Range, Antarctica: *Antarctic Science* 30(1), pp. 29-43.

MILLER, J.F., EVANS, K.R., FREEMAN, R.L., LOCH, J.D., RIPPERDAN, R.L., and TAYLOR, J.F., 2018, Combining biostratigraphy, carbon isotope stratigraphy and sequence stratigraphy to define the base of Cambrian Stage 10: *Australasian Palaeontological Memoirs* 50, pp. 19-64.

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., 2016, Proposed auxiliary boundary stratigraphic section and point (ASSP) for the base of the Ordovician system at Lawson Cove, Utah, USA: *Stratigraphy*, v. 12(3-4), p. 219-236.

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):

- EVANS, K.R., BASSETT, D.J., MILLER, J.F., ROVEY, C.R., II, McAVOY, J.W., and JACKSON, J.W., 2022, Structural and Stratigraphic Framework of the Ozarks Uplift: A "Show-Me" Perspective of the Mississippi Lime Play: *Association of Missouri Geologists 69th Annual Meeting Field Trip Guidebook*, 57 p.
- 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 — guidebook article completed].
- EVANS, K.R., and BASSETT, D.J., 2013, Field Trip II: Devonian and Mississippian Tectonism in Western Missouri; Syntectonic Sedimentation and Backstepping of the Mississippian Shelf Margin: *Association of Missouri Geologists 60th Annual Meeting Field Trip Guidebook*, 54 manuscript pages.
- 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.
- MILLER, J.F., and EVANS, K.R., 2007, The Weaubleau and Decaturville impact structures in west- central Missouri: sorting out their ages using re-deposited conodonts and crinoids in breccias: 2007 *Pander Society Field Trip Guidebook*, 37 p.
- 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.
- EVANS, K.R., MULVANY, P.S., MILLER, J.F., MICKUS, K.L., and DAVIS, G.H., 2005, Field trip 1: Geology of the Weaubleau-Osceola structure, southwestern Missouri, and field trip 2: geology of the Decaturville and Crooked Creek structures, southern Missouri: SEPM Research Conference: *The Sedimentary Record of Meteorite Impacts, Field Trips Guidebook*, 54 p.
- EVANS, K.R., MICKUS, K.L., ROVEY, C.W., II, and DAVIS, G.H., 2003b, Field trip I: Weaubleau-Osceola structure--evidence of a Mississippian meteorite impact in southwestern Missouri: *Association of Missouri Geologists 50th Annual Meeting Field Trip Guidebook*, pp. 1-26.
- COCHRAN, S.A., ROBERTS, L.M., and EVANS, K.R., 2001, Moloka'i field trip guidebook, selected aspects of the geology, geography, and coral reefs: *U.S. Geological Survey Open-File Report*, 02-158, 55 p.

Book Reviews:

- EVANS, K.R., 2011, Book Review: Geology Underfoot in Yellowstone Country: *Palaios*, DOI: 10.2110/palo.2011.BR67. [<http://www.ku.palaios.edu/reviews/evans1.pdf>]
- EVANS, K.R., 2011, Book Review: Geology Underfoot in Yosemite National Park: *Palaios*, DOI: 10.2110/palo.2011.BR68. [<http://www.ku.palaios.edu/reviews/evans2.pdf>]

Geological Reports:

- CAUTHON, M.J., ELSON, J.D., LARSON, M.O., EVANS, K.R., BASSETT, D.J., and MICKUS, K.L., 2014, Geology of the Jane 7.5-minute quadrangle, McDonald County, Missouri: *Missouri Geological Survey Open-File Report—2014–104–GS*, 29 p.
- COX, M.R., and EVANS, K.R., 2008, Geologic map of the Vista 7.5' Quadrangle, St. Clair County, Missouri: *Missouri Department of Natural Resources Division of Geology and Land Survey Open- File Report OFR-08-101-GS*, 27 p.
- HORTON, H.W., Jr., AND EVANS, K.R., 2005. SEPM Research Conference report: The sedimentary record of meteorite impacts, May 21-23, 2005, Springfield, Missouri, 8 p.
- EVANS, K.R., 2006, MoDOT-SMSU Osceola 2 Core at the Ash Grove Aggregate Quarry near Osceola, Missouri: Unpublished report to Ash Grove Aggregates concerning core drilling in Osceola quarry, submitted December, 4 p.

Peer-Reviewed Abstracts:

- EVANS, K.R., and BASSETT, D.J., 2023, A new model for the timing and structural development of the Ozarks uplift: 2023 Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 55(6). doi: 10.1130/abs/2023AM-391981.
- EVANS, K.R., JARET, S.J., and ROVEY, C.W., II, 2023, Shocked quartz from Weaubleau impact structure, Missouri, USA: 54th Lunar and Planetary Space Conference, LPSC Contribution, no. 2806, extended abstract.
- MILLER, J., EVANS, K., DATILLO, B., and FREEMAN, R., 2022, Extending upper Cambrian sequence stratigraphy from the Texas craton across the Utah–Nevada carbonate platform into slope deposits in southern Nevada: 2022 Geological Society of America Annual Meeting, *Abstracts with Programs*, v. 54(5). doi: 10.1130/abs/2022AM-379972.
- McAVOY, J. and EVANS, K., 2022, Origins of carbonate mounds in southern Missouri: 2022 Joint Meeting of North-central and Southeastern Sections of the Geological Society of America *Abstracts with Programs*, v. 54(4). doi: 10.1130/abs/2022NC-374539.
- ROGERS, L.R., SCHUETTE, J.D., BILODEAU, R.A., FINN, T.J., GOMEZ, R.R., PAUL, M.T., SOMMER, S.P., WALLEMEYER*, T.J., EVANS, K.R., SCHIFFBAUER, J., and SELLY, T., 2022, Stop-motion movies of micro-CT core scans as tools for examining ethology in trace fossil assemblages from the lower Mississippian Northview Formation, southwestern Missouri, USA: 2022 Joint Meeting of North-central and Southeastern Sections of the Geological Society of America, *Abstracts with Programs*, v. 54(4). doi: 10.1130/abs/2022NC-374588.
- EVANS, K.R., 2022, John Wesley Powell and "Big George" Crookham in Jackson, Ohio: the making of a geologist: 2022 Joint Meeting of North-central and Southeastern Sections of the Geological Society of America, *Abstracts with Programs*, v. 54(4). doi: 10.1130/abs/2022NC-373257.
- BILODEAU, R.A., FINN, T.J., GOMEZ, R. R., PAUL, M.T., ROGERS, L.R., SCHUETTE, J.D., SOMMER, S.P., WALLEMEYER, T.J., EVANS, Kevin, SCHIFFBAUER, J., and SELLY, T., 2022, Cultural geology of the lower Mississippian Northview Formation "worm rock", southwestern Missouri, USA: 2022 Joint Meeting of North-central and Southeastern Sections of the Geological Society of America, *Abstracts with Programs*, v. 54(4) doi:10.1130/abs/2022NC-374594.
- EVANS, K.R., BASSETT, D.J., and McAVOY, 2021, Timing and structural framework of the Ozarks uplift: 2021 Geological Society of American Annual Meeting, *Abstracts with Program*, v. 53(6). doi: 10.1130/abs/2021AM-366334
- EVANS, K.R., 2021, Silicified ooids from the mid-Mississippian Short Creek Oölite (?) preserved in the Weaubleau impact structure, west-central Missouri: Geological Society of America North-Central/South-Central Joint Sections Meeting, *Abstracts with Program*, v. 53(3). doi: 10.1130/abs/2021NC-362946
- EVANS, K.R., 2021, Anthropocene sequence stratigraphy: Geological Society of America North-Central/South-Central Joint Sections Meeting, *Abstracts with Program*, v. 53(3). doi: 10.1130/abs/2021NC-362706
- EVANS, K.R., 2021, Modality flux or anticipating the unpredictable: 2021 Geological Society of America North-Central/South-Central Joint Sections Meeting, *Abstracts with Program*, v. 53(3). doi: 10.1130/abs/2021NC-362705
- EVANS, K.R., and Pavlowsky, R.T., 2020, Raised shore platforms and an early Jamaican potsherd in southwestern St. Elizabeth Parish, Jamaica: Neotectonic implications for an archaeological hypothesis: 2020 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 52(5). doi: 10.1130/abs/2020NC-348135 (virtual presentation).
- EVANS, K.R., 2020, "Round rocks" and other enigmatic features of Weaubleau structure, St. Clair County, Missouri: 2020 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. doi: 10.1130/abs/2020NC-347916 (virtual presentation).
- EVANS, K.R., FEHR, J.L., and PAVLOWSKY, R.T., 2020, Redware potsherd discovered below a raised shore platform, Harvey's Bay, St. Elizabeth Parish, Jamaica: Post-uplift preservation in the surf zone?: Archaeological Society of Jamaica Annual Meeting, UWI-Mona, Kingston, Jamaica, March 11-12, Abstracts volume, pagination uncertain.

- EVANS, K.R., 2019, Hugh Miller (1802-1856) Scottish Geologist and Adventure Writer: SC-NC-RM GSA Annual Meetings Abstracts with Program, Manhattan, Kansas, v. 51(2). doi: 10.1130/abs/2019SC-326009
- JORDAN, N.C., and EVANS, K.R., 2019, Geochemical and siderophile element analysis to determine impactor classification of the Vista cores, Weaubleau impact structure, St. Clair County, Missouri: SC-NC-RM GSA Annual Meetings Abstracts with Program, Manhattan, Kansas, v.51(2). doi: 10.1130/abs/2019SC-326762.
- EVANS, K.R., RAY, J.H., DOGWILER, T., 2019, New occurrences of pteridospermatophyte driftwood in the Mississippian Subsystem (Osagean Series) of southwestern Missouri: Geological Society of America Annual Meeting, *Abstracts with Program*, 51(5).doi: 10.1130/abs/2019AM-335553.
- FEHR, J.L., EVANS, K.R., DOGWILER, T., and PAVLOWSKY, R.T., 2019, Ostiones-style redware pottery sherd and raised serpulid reefs at Harvey's Bay, St. Elizabeth, Jamaica: Post-uplift preservation in the surf zone: GSA Annual Fall Meeting Abstracts with Program 51(5). doi: 10.1130/abs/2019AM-336828.
- EVANS, K.R., DOGWILER, T.J., FAULKNER, D.J., JACOBS, P.M., KENNING, B.M., LECCE, S.A., and PAVLOWSKY, R.T., 2018, Late Holocene raised shore platforms in southwestern Jamaica: North-Central Section Meeting of the Geological Society of America, Abstracts with Program, v. 50(4), doi:10.1130/abs/2018NC-312468.
- KENNING, B.M., EVANS, K.R., DOGWILER, T.J., PAVLOWSKY, R.T., and FAULKNER, D.J., 2018, Stratigraphy and distribution of the Coastal Group, St. Elizabeth Parish, southwestern Jamaica: Geological Society of America North-Central Section Meeting, Abstracts with Program, v. 50(4). doi: 10.1130/abs/2018NC-313190
- EVANS, K.R., and BASSETT, D.J., 2018, Early Carboniferous syn-tectonic sedimentation and the origin of Waulsortian-like mounds in the Ozarks, U.S.A.: 20th International Sedimentological Conference, Québec City, Québec, CA, 13-17 August, Abstracts with Program.
- WEICHERT, W.D., and EVANS, K.R., 2018, Late Cambrian ramp-to-shelf evolution: Highstand shedding and the limits of cyclostratigraphy: 20th International Sedimentological Conference, Québec City, Québec, CA, 13-17 August, Abstracts with Program.
- EVANS, K.R., KENNING, B.M., DOGWILER, T.J., and PAVLOWSKY, R.T., 2018, Coastal geology of Bluefield Bay, Westmoreland Parish, Jamaica: Successions of non-marine to marginal marine debris flows in an active tectonic setting: 2018 Annual Geological Society of America Meeting, *Abstracts with Program*, v. 50(6). doi: 10.1130/abs/2018AM-317629
- EVANS, K.R., LIEBERMAN, B.S., MCKENNA, L.W., III, WEICHERT, W.D., and MacLEOD, K.G., 2017, Late Middle Cambrian (Stage 3) shallow shelf succession in the Patuxent Range, Antarctica: Geological Society of America Northeastern/North-Central Joint Sections Meetings, Abstracts with Program 49(2).
- EVANS, K.R., MCKAY, M.P., SAKIDJA, R., 2017, Matrix in carbonate impact breccias: comminution and precipitation from supercritical water (SCW)? Geological Society of America Annual Fall Meeting Abstracts with Program 49(6), doi: 10.1130/abs/2017AM-303042.
- FREEMAN, R.L., MILLER, J.F., EVANS, K.R., and BASSETT, D.J., 2017, Linguliform brachiopods across the Steptoean/Sunwaptan (late Cambrian) biomere boundary in the Great Basin, USA: Geological Society of America Annual Fall Meeting *Abstracts with Program* 49(6), doi: 10.1130/abs/2017AM-306124.
- KENNING, B., and EVANS, K.R., 2017, Geology of the Coastal Group, western St. Elizabeth Parish, Jamaica: Geological Society of America Annual Fall Meeting *Abstracts with Program* 49(6), doi: 10.1130/abs/2017AM-304585.
- WEICHERT, W.D., and EVANS, K.R., 2017, Stratigraphic analysis of carbon isotope and gamma-ray records of upper Cambrian carbonate cycles from Utah and Nevada: Geological Society of America Northeastern/North-Central Section Meeting *Abstracts with Program* 49(2), doi: 10.1130/abs/2017NE-291424.

- WU, S., McKAY, M. P., and EVANS, K.R., 2017, Meteorite impact structures as outcrop-scale analogues for mountain building events: Weaubleau and Decaturville, MO: American Geophysical Union Annual Fall Meeting, New Orleans, Abstract T11A-0451.
- FREEMAN, R.L., MILLER, J.F., WESTROP, S.R., ADRAIN, J.M., DATILLO, B.F., and EVANS, K.R., 2016, Extinction and migration patterns of Laurentian linguliform brachiopods and rhynchonelliform brachiopods during the Cambrian-Ordovician transition: International Geoscience Programme Project 653, Van Mildert College, Durham University, Durham, UK, Abstracts, p. 17.
- MILLER, J.F., EVANS, K.R., FREEMAN, R.L., LOCH, J.F., RIPPERDAY, R.L., and TAYLOR, J.F., 2016, Combining biostratigraphy, sequence stratigraphy, and carbon-isotope geochemistry to define the base of Stage 10, the uppermost stage of the Cambrian system: Geological Society of Australia, Paleo Down Under 2, Abstracts 117, p. 47.
- WEICHERT, W.D., and EVANS, K.R., 2016, Evolution of a carbonate platform during the late Cambrian in Utah and Nevada: From subaerial exposure to cyclic aggradation and highstand shedding: Geological Society of America Annual Fall Meeting, *Abstracts with Program* 48(7).
- NANDI, S.K., WEISBERG, W.R., and EVANS, K.R., 2015, Large-scale cyclicity in gamma-ray and magnetic susceptibility profiles of the upper Mississippian Fayetteville Shale, northern Arkansas: Geological Society of America Annual Meeting *Abstracts with Program*, Baltimore, Maryland, v. 47(7).
- EVANS, K.R., 2015, Extra-crater structural deformation and impact trajectory at Weaubleau structure, west-central Missouri: Geological Society of America North-Central Section Meeting *Abstracts with Program*, Madison, Wisconsin, v. 47(5), 69.
- BEAUFORD, R.E., and EVANS, K.R., 2014, Preliminary reconnaissance of the Belton structure, a possible impact crater in Cass county, Missouri: 45th *Lunar and Planetary Science Conference*, abstract 1217, 2 p.
< <http://www.hou.usra.edu/meetings/lpsc2014/pdf/1217.pdf>>
- BERTALOTT, J.R., and EVANS, K.R., 2011, Geology of the War of 1812: Terrain influences on the Battle of the Sink Hole, Missouri territory: 2011 Geological Society of America Northeastern/North-Central Joint Meeting, *Abstracts with Program*, v. 43(1), p. 101.
- BOLING, J., BASSETT, D.J., and EVANS, K.R., 2011, Lithology and origins of mud mounds in the Compton Limestone (Kinderhookian Series), McDonald County, Missouri: 2011 Geological Society of America Annual Meeting, *Abstracts with Program*, v. 43(5), p. 113.
- EVANS, K.R., 2011, Geology and the Civil War in Missouri: 2011 Iowa Academy of Science 123rd Annual Meeting *Abstracts with Program*, p. 12.
- EVANS, K.R., and BERTALOTT, J.R., 2011, Geology of the War of 1812: Terrain influences on the Battle of Cote Sans Dessein, Missouri Territory: 2011 *Geological Society of America Northeastern/North-Central Joint Meeting*, *Abstracts with Program*, v. 43(1), p. 100.
- EVANS, K.R., MILLER, J.F., and ETHINGTON, R.L., 2011, Xenoclast biostratigraphy: Evidence for mid-Mississippian and late Ordovician impacts at Weaubleau and Decaturville structures, Missouri: 2011 *Geological Society of America Annual Meeting*, *Abstracts with Program*, v. 43(5), p. 306.
- EVANS, K.R., BASSETT, D.J., MICKUS, K.L., CAUTHON, M.J., ELSON, J.D., LARSON, M.O., and NEWBOLD, K.S., 2014, Geologic map of the Jane 7.5-minute quadrangle, southwestern Missouri: Evidence for pre-Pennsylvanian tectonic development of the Ozarks uplift: Geological Society of America Annual Meeting, *Abstracts with Program*, v. 46(6), p. 504.
- EVANS, K.R., HANNIBAL, J.T., 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, *Abstracts with Programs*. Vol. 46(1), p.41.
- EVANS, K.R., and WILLIAMS, N.S., 2014, Travelogue of Scotland: Venerable outcrops and the visionary geologists who studied them: Geological Society of America Annual

- Meeting, *Abstracts with Program*, v. 46(6), p. 405.
- MILLER, J.F., EVANS, K.R., FREEMAN, R.L., RIPPERDAN, R.L., and TAYLOR, J.F., 2014, Alternatives for dividing Cambrian Stage 10 into substages: *Subcommissions on Ediacaran and Cambrian Stratigraphy International Meeting*, September 15-24, 2014, Quarzazate, Morocco, abstracts volume, pp. 25-26.
- ELSON, J.D., CAUTHON, M.J., and EVANS, K.R., 2013, EDMAP-supported geologic mapping of the Jane quadrangle, McDonald County, Missouri: 2013 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 61.
- EVANS, K.R., 2013, Memoirs of an unrepentant geologic field trip leader: 2013 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 73.
- EVANS, K.R., BASSETT, D.J., ETHINGTON, R.L., MANGER, W.L., MICKUS, K.E., and MILLER, J.F., 2013, Pre-Ouachita tectonism, development of a back-stepping shelf margin, and syn-tectonic sedimentation (middle Devonian through Mississippian) on southern Laurentia: A regional synthesis of the Ozarks: 2013 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 2.
- GANT, M.T., HEALY, S.M., NANDI, S.K., MILLER, J.F., and EVANS, K.R., 2013, Kinematic analysis and provisional middle Silurian age constraints on Decaturville structure, central Missouri: 2013 Geological Society of America, North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 23.
- HESS, R., EVANS, K.R., and DATTILO, B.J., 2013, Variations of flat-pebble conglomerate strata in Hintze's section C and Mount Law: 2013 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 12.
- LARSON, M.O., MICKUS, K.L., and EVANS, K.R., 2013, High resolution gravity survey to determine location and extent of faults in the Jane 7.5-minute quadrangle, Missouri: 2013 Geological Society of America North-Central Section Meeting, *Abstracts with Program*, v. 45(4), p. 61.
- BASSETT, D.J., EVANS, K.R., and BOLING, J., 2011, Carbon and oxygen analysis of a carbonate mud- mound in Southwest Missouri: 2011 Geological Society of America Annual Meeting, *Abstracts with Program*, v. 43(5), p. 53.
- MILLER, J.F., DATTILO, B.F., ETHINGTON, R.L., EVANS, K.R., FREEMAN, R.L., LOCH, J.D., REPETSKI, J.E., RIPPERDAN, R.L., RUNKEL, A.C., and TAYLOR, J.F., 2011, Integrating bio-, chemo-, chrono-, gamma-ray, litho-, and sequence stratigraphy in the upper Cambrian and lower Ordovician: Progress toward a comprehensive stratigraphic framework: 2011 Geological Society of America Annual Meeting, *Abstracts with Program*, v. 43(5), p. 376.
- NYZNYK, R., DATTILO, B.F., and EVANS, K.R., 2011, Provenance, sorting, and secular variation in late Cambrian and early Ordovician flat-pebble conglomerates in west-central Utah: 2011 Geological Society of America Annual Meeting, *Abstracts with Program*, v. 43(5), p. 96.
- EVANS, K.R., 2010, Geology of the Civil War in southern Missouri: Transactions of the Missouri Academy of Science, pagination uncertain (not yet sent to printing).
- EVANS, K.R., and DAVIS, G.H., 2010, Geologic influences on guerilla tactics in the prairies and hills of southern Missouri during the Civil War: 2010 Geological Society of America North-Central/South-Central Joint Meeting, v. 42(2), p. 87.
- EVANS, K.R., MILLER, J.F., and MIAO, X., 2010, Origins of the 38th parallel structures: 2010 Geological Society of America North-Central/South-Central Joint Meeting, v. 42(2), p. 91.
- FULTZ, T., MICKUS, K.L., and EVANS, K.R., 2010, Gravity and magnetic studies of the Decaturville impact structure, Missouri: 2010 Geological Society of America North-Central/South-Central Joint Meeting, v. 42(2), p. 91.
- HANNIBAL, J.R., and EVANS, K.R., 2010, "Marble" quarrying in southwestern Missouri: The story of the Carthage and Phenix quarries, once some of the largest dimension-stone quarries west of the Mississippi River: 2010 Geological Society of America North-

- Central/South-Central Joint Meeting, v. 42(2), p. 90.
- MOON, K.E., and EVANS, K.R., 2010, Mapping meteorite crater, Currant, Nevada: 2010 Geological Society of America Annual Meeting, Abstracts with Program, v. 42(5), p. 172.
- MOON, K.E., EVANS, K.R., MILLER, J.F., and DAVIS, G.H., 2010, Weaubleau impact virtual core library: 2010 Geological Society of America Annual Meeting, Abstracts with Program, v. 42(5), p. 305.
- RAY, J.H., FALCON-LANG, H., EVANS, K.R., and MILLER, J.F., 2010, Petrified pteridosperm recovered from Mississippian-age (Osage Series) Elsey Formation, Greene County, Missouri: Transactions of the Missouri Academy of Science, pagination uncertain (not yet sent to printing).
- EVANS, K.R., 2009, Revisiting the sulfide pit breccia at Decaturville impact structure, Missouri: Implications for the age of mineralization: 2010 Geological Society of America Annual Meeting, Abstracts with Program, v. 41(7), p. 314.
- EVANS, K.R., 2009, Limits and controls on cyclostratigraphy: An upper Cambrian example from the Great Basin, USA: 2009 American Association of Petroleum Geologists Annual Meeting, Denver, CO, 7-10 June 2009, pagination uncertain.
- EVANS, K.R., DAVIS, G.H., FULTZ, T.L., MILLER, J.F., and Thomas, Drew B, 2009, Decaturville structure, central Missouri: Evidence for a pre-Devonian marine impact? 2009 Geological Society of America South-Central Section Meeting, Abstracts with Program, v. 41(2), p. 30-31.
- JACKSON, J.S., and EVANS, K.R., 2009a, Allochthonous origin of small carbonate mud mounds in the Compton Limestone (Mississippian, Kinderhookian), southwest Missouri: American Association of Petroleum Geologists Eastern Section Meeting Abstracts Volume, p. 40-41.
- JACKSON, J.S., and EVANS, K.R., 2009b, Sequence stratigraphy of the lower and middle Mississippian subsystem in southwestern Missouri: American Association of Petroleum Geologists Eastern Section Meeting Abstracts Volume, p. 41.
- ROBBINS, M., and EVANS, K.R., 2009, Mapping and assessing seasonal CO₂ flux from dissolution of alpine carbonates: 2009 American Association of Petroleum Geologists Annual Meeting, *AAPG Search and Discovery Article #90090*.
- EVANS, K.R., DAVIS, G. H., MIAO, X., MICKUS, K.L., MILLER, J.F., and MORROW, J.R., 2008, Re-evaluating the 38th parallel serial impact hypothesis: submitted for 2008 American Geophysical Union Fall Meeting, abstract number 6894.
- BARNARD, K.N., and EVANS, K.R., 2008, GIS applications for addressing terroir in American Viticulture Areas of Missouri: 2008 Geological Society of America Annual Meeting, *Abstracts with Program*, v. 40(6), p. 137.
- BARNARD, K.N., and EVANS, K.R., 2008, Terroir in Missouri's American Viticultural Areas based on remote sensing techniques: Geological Association of Canada 2008 Annual Meeting, v. 33, pagination uncertain.
- BARNARD, K.N., and EVANS, K.R., 2008, Missouri's terroir: mapping the physical geography of the Augusta American Viticultural Area (AVA): 2008 Geological Society of America North-Central Section Meeting Abstracts with Program, v. 40(5), p. 16.
- EVANS, K.R., and MICKUS, K.L., 2008, Geophysical, structural, and kinematic analysis of the Weaubleau structure: Implications for an oblique impact: 2008 Geological Society of America Annual Meeting, Abstracts with Program, v. 40(6), p. 381.
- BHATTACHARYYA, M., EVANS, K.R., and PAVLOWSKY, R.T., 2007a, Abandoned valleys in western Missouri: implications for landscape evolution of the northwest Ozark plateau borderland: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, Abstracts with Programs, v. 39(3), p. 23.
- BHATTACHARYYA, M., EVANS, K.R., and PAVLOWSKY, R.T., 2007b, Stream incision,

- piracies, and landscape evolution of the El Dorado Valley on the northwestern flank of the Ozarks: 2007 Annual Meeting, Geological Society of America, *Abstracts with Program*, v. 39(6), p. 137.
- CLICK, K., SNYDER, R.D., EVANS, K.R., and MICKUS, K.L., 2007, Ground-penetrating radar (GPR) profiles of Haviland crater, Kansas: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, *Abstracts with Programs*, v. 39(3), p. 71.
- COX, M.R., EVANS, K.R., and KRIZANICH, G.W., 2007, GIS-based geologic mapping of the Vista quadrangle, west-central Missouri: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, *Abstracts with Programs*, v. 39(3), p. 25.
- CRUZ, D., and EVANS, K., 2007a, High-resolution stratigraphy of the sub-Mississippian unconformity in southwest Missouri: American Association of Petroleum Geologists Mid-Continent Section Annual Meeting, Wichita, KS, September 9-11, 2007, pagination uncertain.
- CRUZ, D., and EVANS, K., 2007b, High-resolution stratigraphy of the sub-Mississippian unconformity in southwestern Missouri and northern Arkansas: 2007 Annual Meeting, Geological Society of America, *Abstracts with Program*, v. 39(6), p. 308.
- EVANS, K.R., 2007, A tattered tapestry: interpreting remote sensing imagery of the Ozark Mountains: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, *Abstracts with Program*, v. 39(3), p. 64.
- EVANS, K.R., CLICK, K., MICKUS, K.L., and SNYDER, R.D., 2007, Ground-penetrating radar imagery of Haviland crater, Kansas: Anatomy of a partially excavated meteorite impact site: 2007 Annual Meeting, Geological Society of America, *Abstracts with Program*, v. 39(6), p. 372.
- FINN, M.P., KRIZANICH, G.W., EVANS, K.R., and USERY, E.L., 2007, Contemporary high-resolution LiDAR derived DEMs could inspire developments in the study of impact structures: Association of American Geographers Great Plains/Rocky Mountain Division 2007 Annual Meeting, Denver, CO, September 28-29, 2007, p. 21-22.
- MILLER, J.F., EVANS, K.R., ETHINGTON, R.L., REPETSKI, J.E., SANDBERG, C.A., and THOMPSON, T.L., 2007, Critical stratigraphic data from reworked conodonts in impact breccias across Missouri's Ozark dome: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, *Abstracts with Programs*, v. 39(3), p. 62.
- MORROW, J.R., and EVANS, K.R., 2007, Preliminary shocked-quartz petrography, upper Weaubleau breccia, Missouri, USA: Meteoritical Society 2007 Annual Meeting, August 13-17, 2007, abstract no. 5237, p. A112.
- SNYDER, R.D., and EVANS, K.R., 2007, Integrating new technology and research in secondary school earth science education: 2007 Geological Society of America South-Central and North-Central Joint Section Meeting, *Abstracts with Programs*, v. 39(3), p. 13.
- XIN MIAO, EVANS, K.R., and MORROW, J.R., 2007, Serial impacts or random alignment? Monte Carlo simulations of three 38dth parallel impact structures: Meteoritical Society 2007 Annual Meeting, August 13-17, 2007, abstract no. 5312, p. A106.
- COX, M.R., EVANS, K.R., PLYMATE, T.G., and MILLER, J.F., 2006, Geologic mapping of the Weaubleau structure, west-central Missouri: Impact Craters as Indicators for Planetary Environmental Evolution and Astrobiology Workshop, June 8-14, 2006, Östersund, Sweden.
- COX, M.R., EVANS, K.R., PLYMATE, T.G., and MILLER, J.F., 2006, Geologic mapping of the Weaubleau structure, west-central Missouri: Annual Meeting, Geological Society of America, *Abstracts with Programs Volume*, 38(7), p. 58.
- EVANS, K.R., COX, M.R., DAVIS, G.H., MILLER, J.F., and ROVEY, C.W., II, 2006, Emplacement of breccias in the Weaubleau structure, Missouri, USA: Implications for environmental disturbance in a shallow-marine carbonate setting: Impact Craters as Indicators for Planetary Environmental Evolution and Astrobiology Workshop, June 8-14,

- 2006, Östersund, Sweden.
- EVANS, K.R., MILLER, J.F., MULVANY, P.S., and DAVIS, G.H., 2006, Formation and emplacement of impact breccias in carbonate target rocks: examples from southern Missouri: 2006 Annual Meeting, Geological Society of America, Abstracts with Programs Volume, 38(7), p. 58.
- MILLER, J.F., EVANS, K.R., KURTZ, V.E., THOMPSON, T.L., MULVANY, P.S., SANDBERG, C.A., REPETSKI, J.E., and ETHINGTON, R.L., 2006, Using conodonts and other fossils to determine the age of Missouri's 38th parallel structures and some "lost horizons" of the Ozark dome: 2006 Annual Meeting, Geological Society of America, Abstracts with Programs Volume, 38(7), p. 184.
- DAVIS, G.H., EVANS, K.R., MILLER, J.F., MULVANY, P.S., and ROVEY, C.W., II, 2005, Weaubleau-Osceola, Decaturville, and Crooked Creek: New Aspects of Missouri's 38th Parallel Structures: SEPM Research Conference, The Sedimentary Record of Meteorite Impacts, Springfield, Missouri, May 21-23, p. 13.
- EVANS, K.R., DAVIS, G.H., MICKUS, K.L., MILLER, J.F., and ROVEY, C.W., II, 2005, The Weaubleau-Osceola Structure and Weaubleau Breccia—Compiling Evidence of a Marine Impact: SEPM Research Conference, The Sedimentary Record of Meteorite Impacts, Springfield, Missouri, May 21-23, p. 16.
- MICKUS, K.L., EVANS, K.R., and ROVEY, C.W., II, 2005, Gravity and Magnetic Analysis of the Weaubleau-Osceola Structure, Missouri: SEPM Research Conference, The Sedimentary Record of Meteorite Impacts, Springfield, Missouri, May 21-23, p. 25.
- MILLER, J.F., BOLYARD, S.E., EVANS, K.R., AUSICH, W.I., ETHINGTON, R.L., THOMPSON, T.L., and WATERS, J.A., 2005, Implications of fossils in the ejecta breccia associated with the Weaubleau-Osceola structure, St. Clair County, Missouri: SEPM Research Conference, The Sedimentary Record of Meteorite Impacts, Springfield, Missouri, May 21-23, p. 26.
- MILLER, J.F., EVANS, K.R., BOLYARD, S.E., THOMPSON, T.L., DAVIS, G.H., AUSICH, W.I., WATERS, J.H., AND ETHINGTON, R.A., 2005, Mixed-age echinoderms, conodonts, and other fossils from a mid-Mississippian impact resurge breccia, St. Clair County, Missouri: 2005 Annual Meeting, Geological Society of America, Abstracts with Programs Volume, 37(7), p. 62.
- MILLER, J.F., EVANS, K.R., ETHINGTON, R.R., HOLMER, L., LOCH, J.D., POPOV, L.E., and RIPPERDAN, R.L., 2005, GSSP candidate for the base of the highest Cambrian stage at Lawson Cove, Utah, USA: *Acta Micropalaeontologica Sinica*, v. 22, p. 115-116.
- RIIS, R.H., and EVANS, K.R., 2005, Kinematic analysis of roadcuts in the Decaturville structure, central Missouri: *Missouri Academy of Sciences Transactions*, v. 39, number and pagination uncertain.
- DULIN, S.A., GARDNER, K.G., ELMORE, R.D., TOTTEN, L.A., EVANS, K.R., MILLER, J.F., AND ROVEY, C.W., II, 2004, Paleomagnetism of the Weaubleau-Osceola impact structure, SW Missouri: *Eos Transactions*, American Geophysical Union, 85(17), Joint Assembly Supplement, Abstract GP31A-07.
- EVANS, K.R., ROVEY, C.W., II, DAVIS, G.H., MANTEI, E.J., MICKUS, K.L., MILLER, J.F., MOEGLIN, T.D., AND PLYMATE, T.G., 2004, Oblique impact at Weaubleau-Osceola Structure, Missouri: 2004 Annual Meeting Geological Society of America, *Abstracts with Program*, v. 36(5), p. 265.
- MILLER, J.F., AND EVANS, K.R., 2004, Appearances and extinctions of upper Cambrian-lower Ordovician species commonly coincide with sequence-stratigraphic boundaries: Geological Society of America 2004 Annual Meeting Abstracts with Program, v. 36(5), p. 166.
- STOCKDELL, R.B., MICKUS, K.L., DAVIS, G.H., EVANS, K.R., MILLER, J.F., and ROVEY, C.W., II, 2004, Bouguer gravity and magnetic anomalies associated with the Weaubleau-Osceola impact structure, Missouri: Geological Society of America 2004 North-Central

- Section Meeting Abstracts with Program, v. 36(3), p. 18.
- DATILLO, B.F., EVANS, K.R., MILLER, J.F., and RIPPERDAN, R.L., 2003, Mixed siliciclastic and carbonate sequences of the lower Ordovician Fillmore Formation at Ibex, western Utah: Geological Society of America 2003 Annual Meeting Abstracts with Program, v. 35(6), p. 544.
- EVANS, K.R., K.L. MICKUS, S. FAGERLIN, J. LUCZAJ, E. MANTEI, J.F. MILLER, T. MOEGLIN, R.T. PAVLOWSKY, AND K.C. THOMSON, 2003. New dimensions of the Weaubleau Structure: A possible meteorite impact site in southwestern Missouri: 2003 North-Central Sectional Meeting of the Geological Society of America, Abstracts with Program, v 35(2), p. 51.
- EVANS, K.R., MILLER, J.F., and DATILLO, B.F., 2003, Repetitive patterns of sedimentation during the Sauk sequence in western Utah: Geological Society of America 2003 Annual Meeting Abstracts with Program, v. 35(6), p. 543.
- EVANS, K.R., ROVEY, C.W., II, MICKUS, K.L., MILLER, J.F., PLYMATE, T., and THOMSON, K.C., 2003, Weaubleau-Osceola structure, Missouri: deformation, event stratification, and shock metamorphism of a mid-Carboniferous impact site: Third International Conference on Large Meteorite Impacts, Nördlingen, Germany, Lunar and Planetary Institute Contribution 1167, abstract no. 4111.
- MILLER, J.F., AND K.R. EVANS, K.R., 2003. Insoluble residues from conodont samples and their utility in sequence stratigraphy: 2003 North-Central Sectional Meeting of the Geological Society of America, Abstracts with Programs, v.35(2), p. 14.
- MILLER, J.F., EVANS, K.R., AND DATILLO, B.F., 2003, Anatomy of lowstand deposits in the Sauk III Supersequence, House Range – Ibex area, western Utah: Geological Society of America 2003 Annual Meeting Abstracts with Program, v. 35(6), p. 544.
- RIPPERDAN, R.L., MYROW, P., MILLER, J.F., EVANS, K.R., TAYLOR, J., and ETHINGTON, R.L., 2003, High-resolution chronostratigraphic correlation of lower Ibexian successions in the western U.S.: Geological Society of America 2003 Annual Meeting Abstracts with Program, v. 35(6), p. 544.
- ROVEY, C.W., II, EVANS, K.R., MICKUS, K.L., MILLER, J.F., PLYMATE, T., and THOMSON, K.C., 2003, Impact origin of the Weaubleau-Osceola structure southwestern Missouri: Geological Society of America 2003 Annual Meeting, *Abstracts with Program*, v. 35(6), p. 339.
- BANET, A.C., and EVANS, K.R., 2002, Paleo-source-rock characteristics of the Kuna Formation in the western Brooks Range: 2002 Pacific Section AAPG/Western Region SPE Conference, Anchorage, Alaska: *AAPG Bulletin*, v. 86(6), p. 1135.
- EVANS, K.R., 2002, Cambrian-Ordovician cycles and astronomical forcing: 2002 Annual Meeting of the Geological Society of America, *Abstracts with Program*, v. 34(6), p.138.
- KUMAR, N., K.J. BIRD, P.H. NELSON, J.A. GROW, AND K.R. EVANS, 2002, A digital atlas of hydrocarbon accumulations on the North Slope of Alaska: 2002 Pacific Section AAPG/Western Region SPE Conference, Anchorage, Alaska: *AAPG Bulletin*, v. 86(6), p. 1149.
- EVANS, K.R., and BLACK, R.A., 2002. Spectral analysis of Late Cambrian cyclic carbonates and astronomical forcing: 2002 Rocky Mountain Sectional Meeting of the Geological Society of America, *Abstracts with Program*, v. 34(4), p.51.
- DATILLO, B., K.R. EVANS, and J.F. MILLER. 2001. Sequence stratigraphy of the Fillmore Formation (Lower Ordovician), west-central Utah: 2001 Annual Meeting of the Geological Society of America, *Abstracts with Program*, v. 33(6), p.460.
- EVANS, K.R., B. DATILLO, and J. CUTLER, 2001. Deposition and gamma-ray stratigraphy of the Fillmore Formation (Lower Ordovician), west-central Utah: 2001 Annual Meeting of the Geological Society of America, *Abstracts with Program*, v. 33(6), p.459.
- MILLER, J.F., and K.R. EVANS. 2001. Contrasting styles of lowstand sedimentation within the Sauk Sequence on the miogeocline, Ibex area, west-central Utah: 2001 Annual Meeting of

- the Geological Society of America, Abstracts with Program, v. 33(6), p. 456.
- EVANS, K.R., and MILLER, J.F., 2001. Correlating outcrops with potential oil and gas reservoirs using gamma-ray spectrometry, western desert, Utah: 2001 AAPG-SEPM Annual Meeting Abstracts with Program, AAPG Search and Discovery Article #90906.
- EVANS, K.R. and GOLDSTEIN, R.H., 2001. The carbonate suppression-accommodation generation (carbonate SAGE) model: Sea-level lowstands can mimic maximum flooding zones on rapidly subsiding margins: 2001 Joint-Meeting AAPG Pacific Section-GSA Cordillera Section Abstracts with Program, p. 73.
- FIELD, M.E., GARDNER, J.V., STORLAZZI, C.D., CALHOUN, R.S., and EVANS, K.R., 2001. High-Frequency Sea-Level Oscillations and Landscape Evolution in Coral Reef Environments: Chapman Conference on the Formation of Sedimentary Strata on Continental Margins, June 17-19, 2001, Ponce, Puerto Rico.
- KUMAR, N., K.J. BIRD, P.H. NELSON, J.A. GROW, and K.R. EVANS, 2001. A digital atlas of hydrocarbon accumulations inside and adjacent to the National Petroleum Reserve—Alaska (NPR): 2001 AAPG-SEPM Annual Meeting, AAPG Bulletin 85, no. 13 (Supplement), 6 p.
- EVANS, K. R., and MILLER, J. F., 2000. Outcrop gamma-ray profiles and anatomy of the Sauk III Supersequence in the eastern Great Basin. Geological Society of America, Annual Meeting, Abstracts with Program, pagination uncertain.
- EVANS, K. R., 1999. Reciprocal sedimentation in the Late Cambrian House Range Embayment. AAPG Pacific Section Meeting Abstracts, AAPG Bulletin, 83(4), p. 687.
- EVANS, K. R., 1999. Sea-level changes during the Late Cambrian Pterocephaliid Biomere Redux. Geological Society of America, Pacific Section Meeting, Abstracts with Program, pagination uncertain.
- CARLSON, P.R., BRUNS, T.R., COCHRANE, G.R., EVANS, K.R., HOOGE, P.N., and TAGGERT, S.J. 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. [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 pays your money and you takes your choice: 1998 North-Central Section Meeting, Geological Society of America, *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: 1998 Annual Meeting Geological Society of America, *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: 1997 Annual Meeting, Geological Society of America, *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: 1996 Annual Meeting, Geological Society of America, *Abstracts with Programs*, 28(7), p. 37.
- EVANS, K. R. 1996. Second-order gamma-ray profiles and Cambrian cyclicity: implications for tracking accommodation rates: Cordillera Meeting, Geological Society of America, *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. 1995 Annual Meeting, Geological Society of America, *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: 1994 Annual Meeting Geological Society of America, *Abstracts with Programs*, 26(7), p. 504.
- EVANS, K. R. 1992. Late Cambrian sea-level changes and sedimentation patterns in the House Range embayment: 1992 Rocky Mountain Section Meeting, Geological Society of America, *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: 1990 Annual Meeting, Geological Society of America, *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: 1990 Annual Meeting Geological Society of America, *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, Geological Society of London, *Abstracts Volume*, p. 37.
- COYLE, W. G., III, AND K. R. EVANS. 1987. Phylloid algal mounds in the Frisbie Limestone: 1987 Annual Mid-Year Meeting, Society of Economic Paleontologists and Mineralogists, *Abstracts Volume*, 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 of the 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].
- JOHANSSON, 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 for this effort]
- 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.

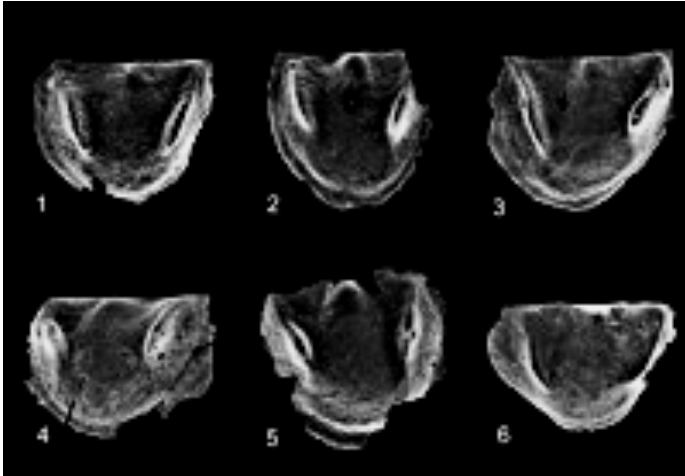
Ph.D. Dissertation:

- 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 and Awards:

Missouri State University Awards:

Missouri State University Board of Governors' Public Affairs Award, 2020.

CNAS Service Award, 2020

CNAS Research Award, 2005

Missouri State University Service:

Provost's Fellow for Public Affairs, 2018-2019.

Missouri State University Hall of Fame, Committee, 2015, 2018.

Missouri State University Public Affairs Advisory Committee, 2015-2016, 2020.

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, 2014-2016.

Missouri State University Graduate Council Scholarship Committee Chairman, 2014-2016.

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.

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

Graduate Faculty, 2003-present.

Ozarks Science and Engineering Fair (OSEF), judge, several years.

Missouri Science Olympiad, fossils and rocks event leader and co-leader, several years.

College of Natural and Applied Science (CNAS) Service

CNAS Awards Committee, chair, 2022-2023.

CNAS Awards Committee, member, 2019-2021.

CNAS Instructional Technology Committee, 2019-2022.

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.

Departmental (SEES/GGP) Service:

GGP Earth Science Education Committee, coordinator, 2003-2016.

GGP Representative, Graduate Council, 2014-2016.

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, 2004-2005, 2006-2007, 2011-2012, 2012-2013, 2014-2015, 2015-2016.

GGP Faculty Annual Report evaluation committee, 2010, 2017, 2021.

AAPG MSU student chapter advisor, 2008-2016.

AAPG MSU campus representative, 2008-2016.

GGP Colloquium co-coordinator, 2007-2009.

Professional and Honor Organizations:

American Geophysical Union

American Mensa

Association of Missouri Geologists

Geological Society of America

International Association of Sedimentologists

Meteoritical Society

Missouri Academy of Science (inactive)

National Association of Geology Teachers (inactive) Phi Kappa Phi Honor Society (inactive)

Sigma Gamma Epsilon (inactive)

Sigma Xi (inactive)

Society for Sedimentary Geology (SEPM)

Professional Service Activities:

Agencies and Societies:

Association of Missouri Geologists, President-Elect, 2020, 2021; President 2022; Past President, 2023.

Missouri Division of Geology and Land Survey, State Mapping Advisory Committee, vice chair, 2007-2012; 2019-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:

2022 GSA NC-SE Section Meeting, Field Trip (co-leader, not co-author of guidebook), Geological and topographical aspects of Civil War forts and batteries, Camp Denison, and Morgan's Raid, Cincinnati, Ohio.

2022 GSA NC-SE Section Meeting, Cultural Geology Session, Cincinnati, Ohio

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.

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.

Public Outreach and Education Activities:

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.

2023:

Talk for Springfield Astronomical Society, Library Center, Springfield, cancelled due to illness, 29 March.

Presenter, "Weaubleau Impact and Osceola, the Other Asteroid City", St. Clair County Historical Society, 9 November.

2022:

Presenter, Geology Club: My career and advise for undergraduate students, 25 February.

Faculty Presenter, Education Abroad Fair, September 29.

Presenter, Weaubleau impact structure, St. Clair County Historical Society, 10 November.

2021:

COVID-19 recovery year.

Presenter, Crater update (in person), St. Clair County Historical Society, Osceola, Missouri, 11 November.

2020:

COVID-19 lockdown year.

Meetings talks given via virtual presentation (Zoom).

Presenter, Crater update (in person) and star-gazing after presentation, St. Clair County Historical Society, Osceola, Missouri, 10 November.

2019:

Presenter, A Missouri Geologist in Jamaica, St. Clair County Historical Society, Osceola, Missouri, 12 November.

2018:

Impacts talk, Henry County Library, Clinton, Missouri, 7 July.

Impacts talk, St. Clair County Historical Society, Osceola, Missouri, 11 October.

2017:

Impact Structures, University of Memphis, Department of Earth Sciences at Memphis, 14 April.

Springfield-Greene County Library Center Missouri for Explore Space special event, 25 July.

Missouri's Meteorite Impact Structures, St. Louis Astronomical Society, Washington University at St. Louis, 21 April.

Weaubleau impact structure, Wales, Antarctica, Nevada, and Jamaica, St. Clair County Historical Society, Osceola, Missouri, 9 November.

2016:

Weaubleau impact structure field trip for public and Humansville home-schoolers, 3 December (~15 students under parental supervision).
Evans, K.R., 2016, Missouri's meteorite impact structures: Three in a row — not a serial impact: South Wales Geologists Association, Cardiff University, 29 October.
Drury Mature Learners, Drury University, Missouri's Meteorite Impact Structures, February 16.
Camden County Astronomical Society, Camdenton, Missouri's Meteorite Impacts, February 20 (in evening after OSEF).

2015:

Guest Speaker, St. Clair County Historical Society, Geology of Scotland, November 12.
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.
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:

Ozarks Public Television, *Ozarks Watch Video Magazine* interview with Dr. Jim Baker, Summer 2022. Two episodes: "Discovering Meteorite Impacts" and "The Land Beneath Us."
Discovery Science Channel, *What on Earth?* Multiple episodes; episode 6 featured Weaubleau structure, Spring 2015. IMDB Kevin Evans (XVII).
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 1723, 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.