

CURRICULUM VITAE

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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 (NPR); 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 (NPR), 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 at Missouri State University:

GLG 110 Principles of Geology (lecture and lab; online course development during 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 pandemic)

GLG 351 Photogeology (2004; field component only, after Prof. Ken Thomson was killed)

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)

Geology of New Mexico (2016)

Physical and Cultural Geography of Jamaica (2016, 2017, 2018, 2019, 2020, 2021, 2022)

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, Regional Stratigraphy and Distribution of the Coastal Group, St. Elizabeth Parish, Southwestern Jamaica: unpublished M.S. Thesis, Missouri State University, 141 p., defended Spring 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:

American Association of State Geologists, Best Publication Award, 2014, for contribution to the Missouri Geological Survey Report of Investigations 70 part 1, Cambrian System.

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 saltwater 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:

Memorials (published and in press):

McBRIDE, D.J., EVANS, K.R., LIEBERMAN, B.S., and KRAUSE, F.F., 2024, Memorial to Albert (Bert) J. Rowell: Geological Society of America, *GSA Today*, *accepted and in press*.

McBRIDE, D.J., EVANS, K.R., LIEBERMAN, B.S., and KRAUSE, F.F., 2024, Memorial to Albert (Bert) J. Rowell: The Geological Society of London *GSA, Geological Magazine*, *accepted and in press*.

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 (in press):

MILLER, J.F., DATILLO, B.F., FREEMAN, R.L., REPETSKI, J.E., EVANS, K.R., RIPPERDAN, R.L., and ETHINGTON, R.L., in review, Revision of uppermost Cambrian (Furongian series) to lowest Ordovician (Tremadocian series) stratigraphy in eastern Nevada, USA: submitted to *Stratigraphy*, Micropaleontology Press, 99 manuscript pages and figures.

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].
- MILLER, J.F., EVANS, K.R., KURTZ, V.E., and REPETSKI, J.E., 2013, Chapter 2. Biostratigraphy and sequence stratigraphy of Cambrian and lowest Ordovician strata in Missouri, p. 13-24, in Mulvany, P.S., and Thompson, T.L., eds., Paleozoic Succession in Missouri, Part 1 — Cambrian System: Missouri Geological Survey, Report of Investigations 70 part 1, 266 p.
- 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 DATTILO, 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.

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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 Community Service Award, 2021.
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 2004-2010.
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:

2024 GSA NC-SC Section Meetings, co-chair and co-leader, History of Geology Session with Field Trip) Phenix Rising: Restoration and Revitalization of a Major Dimension-Stone Manufacturer in Southwest Missouri.
2022 GSA NC-SE Section Meetings, Field Trip (co-leader, 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-convener (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 Sequoia 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.