

CURRICULUM VITA

LEE C. GERHARD

1628 Alvamar Drive,
Lawrence, Kansas 66047
785-749-7440PERSONAL DATA

Born: May 30, 1937, Albion, New York
 Married, Darcy L. (B.A. Geology. University of Kansas), one child

EDUCATION

Ph.D. : University of Kansas, 1964, Geology, Paleontology minor
 M.S. : University of Kansas, 1961, Geology
 B.S. : Syracuse University, 1958, Geology
 High School : Bloomfield Central School, East Bloomfield, New York, 1954

MILITARY SERVICE

1958-1960 : 1/Lt., U.S. Army Signal Corps

OUTSIDE INTERESTS

Scenic and technical photography, fishing, hunting, golf, water color painting

PROFESSIONAL EXPERIENCE

Aug. 04 - Partner Associate, Thomasson Partner Associates, Denver, CO. Courtesy Professor of Geology, Univ. of Kansas.

Jul, 1999 – Aug 04 Principal Geologist, Kansas Geological Survey. Adjunct Professor of Geology, Colorado School of Mines, Courtesy Professor of Geology, Univ. of Kansas.

Jan. 1987 – Jun 99 Director and State Geologist, Kansas Geological Survey; Founder and Co-Director, Energy Research Center: Univ. Kansas (1991-94). Adjunct Professor of Geology, Colorado School of Mines, Courtesy Professor of Geology, Univ. of Kansas.

August 1983 - Professor of Geology, Colorado School of Mines (Getty

- May 1987 Professor of Geological Engineering, 1983-85).
Independent Oil and Gas Geologist. Member, National
Advisory Committee on Oceans and Atmosphere., 1984-
1986. Tenured
- November 1982 - Professor of Geology (Petroleum), Colorado School of
July, 1983 Mines, Golden, Colorado : Associate Director, Potential Gas
Agency; Consultant and Independent Petroleum Geologist
(Gerhard and Associates)
- August 1981 - Exploration Manager, Rocky Mountain Division, Supron
October 1982 Energy Corp., Englewood, Colorado and Exploration
Manager, Western Division, Union Texas Petroleum (by
merger)
- September 1977 - State Geologist and Director, North Dakota Geological
August 1981 Survey (Acting, Sept. 1977-July 1978); Chairman and
Professor of Geology, University of North Dakota (Acting
Chairman, Sept. 1977- July 1978); Director of Oil and Gas
Regulation, North Dakota. Tenured.
- September 1975 - Assistant State Geologist, North Dakota (North Dakota
September 1977 Geological Survey), and Associate Professor of Geology,
University of North Dakota
- February 1975 - Acting Director, West Indies Laboratory and Associate
September 1975 Professor of Geology West Indies Laboratory, Fairleigh
Dickinson University, St. Croix, U.S. Virgin Islands (offered
tenure)
- August 1972 - Assistant Director and Associate Professor of Geology,
September 1975 West Indies Laboratory, Fairleigh Dickinson University, St.
Croix, U.S. Virgin Islands
- 1966 - 1972 Associate Professor of Geology, University of Southern
Colorado (Southern Colorado State College) (Assistant
Professor, 1966 -1970) Tenured. Variety of consulting
assignments.
- 1965 - 1966 Region Stratigrapher, Sinclair Oil and Gas Company,
Studies of carbonate depositional environments and
correlations in the Permian Basin region. Origin and
distribution of West Texas sulfur deposits.
- 1964 - 1965 Exploration Geologist, Sinclair Oil & Gas Company. Drilling

recommendations, prospect evaluation, regional stratigraphy, seismic-geologic data interpretations, Permian Basin region.

Summer 1962 Party Chief, Amerada Petroleum Corp., Powder River and Williston Basins, Central Rocky Mountains.

1960 -1964 University of Kansas Instructor of Geology: Field Camp Director (1963); Assistant Instructor of Geology: (1962-1964); Teaching Fellow: (1961-1963)

HONORS, AWARDS, AND SCHOLARSHIPS

Professional: Public Outreach Award, Amer. Assoc. Petroleum Geol. 2007
 Member, Russian Academy of Natural Science-US Branch 2005 (Kapitsa Medal, 2005, Einstein Medal, 2006, Chilingar-Golomb Giants of Science and Engineering Medal, 2006)
 Public Outreach Award, DEG/AAPG, 2003
 Kansas Oil and Gas Hall of Fame, 2002
 Honorary Membership, Amer. Assoc. Petroleum Geol., 1997
 Honorary Membership, Div. Env. Geosciences, AAPG, 1998
 Honorary Membership, Assoc. of American State Geologists. 1999
 Honorary Membership, Kansas Geological Society, 1999
 Public Outreach Award, DEG/AAPG, 1999
 Journalism Award, Amer. Assoc. Petroleum Geol., 1996
 Who's Who in America, 1980-pres.
 American Men and Women of Science
 Past President' s Award, Rocky Mtn. Sect., A.A.P.G.
 Nomination for National Treasurer, A.A.P.G., 1986
 Distinguished Service Award, A.A.P.G., 1989
 Nomination for National President, AAPG, 1999
 Nomination for National Vice President, A.A.P.G., 1989
 Technical Advisor, Potential Gas Committee (Honorary)

Syracuse University: Trustee and Regents Scholarships,
 Varsity Letters, Rifle Team,
 Chapter President, Acacia Fraternity,
 University Intramural Sports Committee

University of Kansas: Haworth Scholar Award, Sigma Gamma Epsilon,
 Society of Sigma Xi

Southern Colorado State College:
 Sigma Xi Club Researcher of the Year Award, 1969
 Danforth Associate, 1970-1972

President, Sigma Xi Club, 1971-1972
 Chairman, Faculty Research Committee, 1969-1971
 Outstanding Educators of America, 1971 and 1972.

PROFESSIONAL MEMBERSHIPS

American Association of Petroleum Geologists,
 Division of Professional Affairs
 Division of Environmental Geosciences
 American Institute of Professional Geologists
 Colorado Scientific Society
 Geological Society of America (Fellow)
 Rocky Mountain Association of Geologists
 Kansas Geological Society

LICENCES, CERTIFICATION

State of Kansas License #1
 State of Wyoming #PG-1402
 American Institute of Professional Geologists #3461
 Certified Petroleum Geologist #4464, AAPG DPA

NSF FIELD INSTITUTES

1968 - Geology of Southern Canadian Rockies
 1970 - Modern carbonate sediments, Florida and Bahamas
 1971 - Geology of the Colorado Plateau

OCEANOGRAPHIC CRUISE

1973 - RV Eastward, Geology of basins and shelves - St. Thomas, St. Croix, Vieques

EXPEDITIONS ORGANIZED:

San Juan River Ismay Reef Coring Expedition, 1989
 Grand Canyon Rephotographic Expedition, 1991 (NOVA)
 Morgan Formation study, Yampa and Green Rivers, Colorado/Utah, 1997

RESEARCH GRANTS (Selected for breadth; grants obtained for others not included)

HEW undergraduate teaching equipment grant, Southern Colorado State College,
 1968.

Faculty Research Committee Grant, with R. B. Chase, Tectonic History of Cripple Creek Arch, Colorado, Southern Colorado State College, 1969.

Faculty Research Committee Grant, Studies of Calcareous Algae, Southern Colorado State College, 1971.

National Park Service: Natural History Landmarks, West Indies Laboratory, 1973. Sedimentary Facies, Buck Island Shelf, St. Croix, U.S.V.I., Research Committee, University of North Dakota (with T. Cross, 1976).

National Academy of Sciences: Origin and Evolution of Sand Cay, St. Croix, 1976.

Core and Sample and Carbonate Study Program: \$61,000 donated funds, 1976-1980.

U.S. Geological Survey: Subaerial Weathering: An Important Paragenetic Component of Mississippian Strata, Williston Basin, North Dakota, 1979 (\$82,000).

Office of Surface Mining: Mineral Resources and Potential Problems Associated with Mining of Cenozoic Rocks, Northern Great Plains, 1980 (\$240,000).

Burlington Northern Foundation: Petroleum Geology Program Enhancement, CSM, 1984, 1985, 1986, 1987 (various amounts, \$5,000-\$25,000)

I.O.C.C. : Reservoir Classification, (\$24,400)

Gas Research Institute: Gas Atlas for Kansas (\$45,000)

Preparation of a Mid-Continent Digital Petroleum Atlas (Year 1, \$250,000, 1995-96) (Year 2 , \$250,000, 1996-97, (Year 3, \$250,000 1997-1998), (Year 4, \$250,000, 1998-99), Year 5 (1999-2000, final \$250,000) approved by Congress.

PROFESSIONAL SOCIETY SERVICE

National Academy of Sciences Mapping Science Committee (1992-95)(GIS)

Associate Editor, The Mountain Geologist, 1970-1983

Field Trip Committee, Rocky Mtn. Assoc. Geol. 1968-1969

Research Committee, Rocky Mtn. Assoc. Geol. 1967-1972

Field Trip speaker, New Mexico Geological Society, 1971

Membership Chairman, Colorado Section, A.I.P.G., 1982

Field Trip Roadlog Chairman, Rocky Mtn. Assoc. Geol., 1982-1983

Long Range Planning Committee, Rocky Mtn. Assoc. Geol., 1982

Chairman, RMAG Colorado Geological Survey Support Committee, 1984-1987

Elected Member, Executive Board, Colorado Section, A.I.P.G., 1984

Geosat Committee Liaison, Association of American State Geologists, 1977-1979

Vice President, North Dakota Geological Society, 1976-1977

Association of American State Geologists, Committee for G.I.S. Standards 1988-1994

Commissioner, Amer. Commission on Stratigraphic Nomenclature, 1979-82, 1993-96

Associate Editor, Geol. Soc. Amer. Bulletin, 1987-1992

Committee on Geology and Public Policy, Geological Society of America, 1997-99.

Liaison Committee, Association of American State Geologists, 1995-98

American Association of Petroleum Geologists Activities:

A.A.P.G. Matson Award Committee, 1972

Co-convener, first A.A.P.G. Research Conf., Recent Adv. in Carbonate Studies, 1974

COSUNA Coordinator, Williston Basin

A.A.P.G. Committee on Preservation of Cores and Samples, 1979-1991

A.A.P.G. Publications Committee, 1983-1987

President, Rocky Mountain Section, A.A.P.G., 1981-1982; Pres.-Elect, 1980-1981,

Chairman, Rocky Mountain Section A.A.P.G., Committee for Establishment of R.M.S.-

A.A.P.G. Foundation 1983-1984

President, Rocky Mtn. Sect. A.A.P.G. Foundation, 1985-1987 (Founder)

Member, Board of Advisors, Petroleum Treatise, A.A.P.G. 1985-1994

A.A.P.G. Academic liaison committee, 1986-90

A.A.P.G. Petroleum Geology Curriculum Development Committee (originator), 1987-1994, Chair, 1987-1992

A.A.P.G. Education Committee, 1989-

President (1994-95)(Pres.-Elect 1993-4), Division of Environmental Geosciences

AAPG Representative to the AGI Environmental Advisory committee, 1994-2000

Candidate for Treasurer, 1986

Candidate for Vice President, 1990

Distinguished Service Award, 1989

Journalism Award, A.A.P.G., 1996

Honorary Membership, 1997

Liaison to Association of American State Geologists

A.A.P.G. member, American Geological Institute Environmental Advisory Committee

Managing Editor, Environmental Geosciences , 1995-1998

President (1994-95) Division of Environmental Geosciences, AAPG

Convener, DEG Rational Science for Rational Policy Hedberg Conference, 1995

Convener, DEG/AAPG Conference "Meeting Societal Resources and Environmental Requirements for the 21st Century," Taos, NM, 1998

Convener, DEG et al Conference, Sustainability of Energy and Water Through the 21ST Century, Arbor Day Farm, Nebraska.

Honorary Membership, Division of Environmental Geosciences, 1998

Co-Chair, AAPG Ad Hoc Committee on Global Climate Issues, 1998-2000

Chair, Government Affairs Committee, 2000-2002

Chair, Public Outreach Committee, 2002-2005

Vice President, Division of Professional Affairs, 2002-2003

Co-convener, AAPG President's Conference on National Issues, Washington D. C. 2000

Co-convener, AAPG President's Conference: Energy and Environment,: A Partnership That Works: Washington D. C. 2002.

ACADEMIC SERVICE

Southern Colorado State College:

Founding Member, Sigma Xi Club
 Elected Member, College Senate (2 terms)
 Faculty Research Committee
 President's Ad Hoc Committee on Grading Standards
 Dean's Ad Hoc Committee on General Education Requirements
 Chairman, First Annual Intersession Symposium Committee
 Chairman, Environmental Science Program Design Committee

West Indies Laboratory, Fairleigh Dickinson University:

Middle States Accreditation Reevaluation Committee

University of North Dakota:

President's Advisory Committee on Energy
 NSF EPSCOR Committee
 Engineering Experiment Station Advisory Committee
 Ad Hoc Committee on Promotions
 Elected Member, University Senate

Colorado School of Mines:

Acting Director and Proposer, Laboratory for Exploration Research
 Ad Hoc Committee on Faculty Governance
 Academic Standards Committee
 Carbonate Depositional Systems short courses

University of Kansas:

Slattery Water Conference Committee
 Review Committee for Vice Chancellor of Research, Public Affairs, and
 Graduate Studies
 Planning Committee on Remote Sensing and Related Technologies
 Review Committee, Director of Bureau of Business Research
 Planning Committee, RGSPS Unit Evaluation
 Member, Board of Directors and Executive Committee, Center for Research, Inc.
 Steering Committee, Research Council
 Task Force on Development of Research Foundation
 Chair, University of Kansas United Way Campaign, 1995
 Review of KANU, 1995
 Task Force on Development of Research Foundation, 1996-97

COMMUNITY, STATE, AND FEDERAL ACTIVITIES

Pueblo, Colorado:

Chairman, Fountain District Advancement Committee, Boy Scouts of America, 1968-1970

Chairman, Fountain District Eagle Scout Board of Review, Boy Scouts of America, 1970-1972

St. Croix:

Member, Caribbean Conservation Association

Speaker, Governor's Citizens Advisory Committee Environmental Quality Seminar, 1973

Member, Governor's Citizens Advisory Council

North Dakota:

North Dakota Legislative Council Resource Research Committee

North Dakota Air Pollution Control Board

North Dakota Water Quality Control Board

North Dakota State Science Council

Interstate Oil Compact Commission Research Committee

Interstate Oil Compact Commission Geothermal Committee

Speaker for many groups about North Dakota Oil Development

Colorado:

Member, National Advisory Committee on Atmosphere and Oceans
(appointed by President Reagan)

Chair, Exclusive Economic Zone Exploration Panel, 1984-86

Member, Atmospheric Issues Panel and Federal/State Relations Panel

Chair, NOS-NMFS Study Panel, 1985-86

Chair, Offshore Petroleum Development Barriers Panel, 1986

Kansas:

Member, Lawrence Chamber of Commerce,

Downtown Development Task Force; Public/Private Competition Task Force

Interstate Oil and Gas Compact Commission Research Committee (Chair, 1992-1995)

Interstate Oil and Gas Compact Commission Public Outreach Committee

Kansas Energy Research Coordinator

Member, Mapping Science Committee, National Research Council, 1992-1995

Member, Rotary Club

Member Lawrence Arts Association

Governor's Appointment to GIS Policy Board, 1990-1999

Kansas Water Authority 1987-1999

Senator Pat Roberts Science and Technology Advisory Committee, 1997-

COURSES TAUGHT

University of Kansas

Shallow Water Oceanography

Directed Studies, Environmental Issues and Natural Resource Access

Colorado School of Mines:

Advanced Petroleum Geol. (Basin Analysis) Advanced Carbonate Geology

Petroleum Geology

Advanced Stratigraphy

Field Sedimentology

Petroleum Exploration Design

Short courses in Depositional Systems and Porosity Development in Carbonate Rocks

University of North Dakota:

Introductory Geology

Geological Development of
America

North Carbonate Geology

West Indies Laboratory:

Marine Organisms/Sediments

Field Sedimentology

Carbonate Environments

Southern Colorado College:

Seminar in Reef Paleoecology

Petroleum Geology

Stratigraphy and Sedimentation

7 different freshman courses

Paleontology

Field Geology (2 different 9

additional upper division courses

courses, alternate years)

RESEARCH

Supervised 23 masters theses and 3 doctoral dissertations, University of North Dakota and Colorado School of Mines, plus supervision of others at Wichita State University and University of Wisconsin, Milwaukee while at West Indies Laboratory.

ORAL PRESENTATIONS (selected):

Geological development of the Canadian Rockies: Rocky Mountain Association of Geologists, Aug. 1968.

Pre-Pennsylvanian geology of the Canon City embayment, Colorado: Symposium on the Petroleum Potential of Southeast Colorado, Rocky Mountain Association of Geologists, Sept. 1968.

Canadian depositional environments and paleotectonics of Central Colorado: in, Symposium on Paleozoic stratigraphy and structural evolution of Colorado, Colorado School of Mines, November, 1971.

Sedimentology of Boiler Bay, St. Croix: University of Wisconsin-Milwaukee, Louisiana State University, November, 1973.

Carbonate deposition in a terrigenous-dominated environment: Pierre Shale (Cretaceous), Colorado: Geol. Soc. America, Rocky Mountain Section, April 1974.

Salt River Estuary: Mixed clastic and carbonate sedimentation: Assoc. Island Marine Laboratories of the Caribbean Meeting, May 1974.

Caribbean reefs: St. Croix, U.S.V.I.: North Dakota Geological Society, October 1976; Winona State University, April 1976.

Sediment facies of Salt River Estuary, St. Croix, U.S.V.I. --Mixed carbonate and clastic deposits: Amer. Assoc. Petroleum Geologists, Annual Meeting, May 1976 (Poster Session).

Oil exploration in the Williston basin: N.D. Acad. Sci. Annual Meeting, Invited Paper, April 1978.

Oil exploration and development in the North Dakota Williston basin: Rocky Mountain Assoc. Geologists, March 1979; Southwest Legal Institute for Petroleum Landmen, April 1979.

Geological evolution and energy resources of the Williston basin: McNutt Colloquium Series, Univ. Missouri, Rolla, October 1980.

Reservoir development by subaerial weathering, Glenburn Field, Mississippian, North Dakota Williston basin: Wyoming Geological Association, June 1980.

Geological evolution, origin and energy resources of the Williston basin: North Dakota Geological Society, 1981; Rocky Mountain Assoc. Geol., 1981; Montana Geol. Soc., 1981; Wyoming Geol. Assoc., 1982; American Assoc. Petroleum Geologists Annual Meeting, 1982, Rocky Mountain Section, 1985 (poster session)

Geological evolution of the Nesson anticline, Williston basin, North Dakota: Rocky Mountain Section, American Association of Petroleum Geologists, Invited Paper, 1983.

Professionalism in education: Annual Meeting, American Institute of Professional Geologists, Invited Paper, 1983; NAGT, Ok and KS section, 1989.

Lineament studies applied to energy exploration, Williston Basin: Dept. of Energy, 2nd Symposium of Remote Sensing and Energy, Morgantown, West Virginia, April, 1986.

Reefs, banks and bioherms: a genetic and semantic continuum: Colorado Scientific Society, September, 1986, Univ. Western Michigan, Oct. 1986, International Assoc. Sedimentologists, Canberra, Australia, August, 1986 (by co-author R. Burke), American Assoc. Petroleum Geologists annual mtg., June, 1987; RMAG AND KGS, 1987, MGS, 1988, University of the United Arab Emirates, 1989.

Development of an Exploration Strategy: KGS, 1987; MGS, 1988, RMS/AAPG, 1988, OCGS, 1989.

The Carbonate Cycle, a Short Course: CSM, 1983, 1984, 1986; CNG 1986, KGS, 1987

Concepts of Williston Basin Evolution and Trap Predictability: The Grand Fantasy: Canadian Geophysical Union annual mtg., Saskatoon, Saskatchewan, May, 1988

Reef Architecture and Porosity Development Responses to Sea Level Change: University of Kansas Geology Colloquium, Feb. 2, 1989.

The Future of the Petroleum Industry: Quo Vadis?: Tertiary Oil Recovery Conference, Wichita, March, 1989.

Geology in the 21st Century: Western Michigan University, May 1989

Reef Architecture and Porosity Evolution: Syracuse University Sigma Gamma Epsilon Lecture, May 1991

Grand Canyon Expedition of 1991: Kansas Aggregate Producers; United States Geological Survey; Kansas Geological Soc.; Lawrence Rotary Club

The Future Direction of Petroleum Research and the University of Kansas Energy Research Center: Society of Petroleum Engineers Waterflood Symposium Keynote, May 21, 1992, Wichita.

Petroleum Research: A Vision of the Future: Interstate Oil and Gas Compact Commission Research Committee, June 23, 1992, Wichita. Abstract in Program

Kansas Energy: Leadership Kansas, Pittsburg, Kansas, July 16, 1992.

The KUERC and the Future of the Kansas Petroleum Industry: Kansas Independent Oil and Gas Assoc. Annual Meeting, Wichita, August 24, 1992

U.S. Petroleum Outlook in a Global Setting: Petroleum Management Seminar, CPE 804, September 25, 1992

Governor's Energy Policy Committee Report: House Energy and Natural Resources Committee, March 18, 1993.

Earth Resources, Wealth, and Society: Energy and Minerals Field Institute Washington Workshop, May 18, 1993.

Review of the Kansas Energy Policy Report: Kansas Independent Oil & Gas Assoc. Annual Meeting, Wichita, KS, August 30, 1993.

Chair, Panel on Research etc., Governor's Energy Conference, October 6, 1993.

Earth Resources, Our Environment, and Society: Leadership Kansas, Pittsburg, KS, June 23, 1994.

GIS Background from a Federal Perspective; Kansas Association of Counties GIS Task Force, Lawrence, July 15, 1994

Earth Resources, Our Environment, and Society: Pittsburg Rotary Club, August 23, 1994.

The Kansas Geological Survey: Meeting Public Needs for Geological Information: Sachsisches Landesamt fur Umwelt und Geologie, Freiberg, Saxony, Germany, October 6, 1994.

Earth Resources, Our Environment, and Society: Landesamt fur Geowissenschaften und Rohstoffe Brandenburg, Kleinmachnow, Brandenburg, Germany, October 4, 1994.

Citation on the occasion of the awarding of the Arthur Gray Leonard Medal to Bernold M. Hanson, October 14, 1994, at Grand Forks, North Dakota

Earth Resources, Our Environment, and Society: Some Resource and Policy Issues: Arthur Gray Leonard Memorial Lecture, University of North Dakota, October 14, 1994

Earth Resources, Our Environment, and Society: Some Resource and Policy Issues: Geological Society of America Annual Meeting, Seattle, WA, October 26, 1994.

The Big Cypress Swamp agreement: a model for future oil and gas development: Panel Discussion, National Audubon Society annual meeting, Ft. Meyers, FL, November 12, 1994.

Earth Resources and Our Environment: Resource and Policy Problems: KU Environmental Research Symposium, February 24, 1995.

Earth Resources and Our Environment: Resource and Policy Problems: American Association of Petroleum Geologists annual meeting, March 6, 1995.

Western Cold Turkey Creek Field Anomaly: A Meteorite Impact Crater - Not!: 7th International Williston Basin Symposium, Billings, MT, July 25, 1995

Energy in Kansas: Today's World, Tomorrow's Opportunities: Governor's Conference on the Kansas Economy, August 16, 1995, Wichita.

Earth Resources and Our Environment: Resource and Policy Problems: Hedberg Conference on Rational Science for Rational Policy, Estes Park, CO, Sept. 27, 1995. National Stone Association Environment, Safety & Health Forum Keynote Address, Nashville, TN, Oct. 22, 1995.

The Wernarian Syndrome: Aspects of global climate change: an analysis of assumptions, data, and conclusions: Debate on Global Climate Change, American Association of Petroleum Geologists Annual Meeting, San Diego, Calif., May 20, 1996

Incentives for Oil and Gas Production in Kansas: Society of Independent Earth Scientists, Dallas, TX, March 20, 1996

Comments on the awarding of the Sidney Powers Award to Bernold M. Hanson, Midland, TX, April 8, 1996.

Opening the Arctic: Symposium on the history of oil, Titusville, PA, July 18-21, 1996

The Wernerian Syndrome: Aspects of global climate change: an analysis of assumptions, data, and conclusions: Tulsa Geological Society, April 1, 1997

Environmental Evolution of the Petroleum Industry, AAAS Annual Meeting Symposium, Philadelphia, PA, March, 1998

Global Climate Issues: Society of Independent Earth Scientists Annual meeting, Tamarron, Colorado, July, 1998

Bankrupting America: Petroleum, Minerals, Politics: Twelfth Annual J. R. Berg Distinguished Petroleum Lecture, Wichita, KS, March 12, 1998.

The Energy Sector: Sunflower Ladies Investment Club of Kansas, Topeka, Feb. 9, 1999

Climate Science: Ohio Oil and Gas Association, Columbus, Ohio, March 24, 1999

Climate Change: Division of Professional Affairs Forum, American Association of Petroleum Geologists, San Antonio, TX, April, 1999.

Geological Constraints on Global Climate Variability: American Association of Petroleum Geologists annual meeting, April. 1999

Ethics panel: American Association of Petroleum Geologists annual meeting, April. 1999

Climate Science: Leadership Kansas, May 21, 1999, Pittsburg, KS.

Climate Change: Reality Check: All-convention luncheon speaker, Rocky Mountain Section, AAPG, Aug. 1999.

Climate Change: A Reality Check: University of North Dakota Leonard Symposium, October 15, 1999

The Environmental Evolution of the Petroleum Industry: University of North Dakota, Oct. 17, 1999.

Climate Change: A Reality Check: University of South Florida, St. Petersburg, November 5, 1999.

Petroleum Use and the Effects on Society: UMKC Environmental Law Forum, Feb. 17, 2000

Geological Constraints on Global Climate: Kentucky Geological Survey 12th Annual Distinguished Lecture, Feb. 24, 2000. Van Tuyl Lecture, Colorado School of Mines, March 23, 2000.

Earth Processes and Earth Resources: Ultimate Arbitrators of the Human Condition: HWC 510, 2 hour lecture/discussion, April 4, 2000

Geological Constraints on Global Climate: Meeting of the Ad Hoc Committee on Climate, AAPG annual meeting, New Orleans, April 16, 2000.

Natural Gas Future, United States: Kansas Independent Oil and Gas Association Midyear meeting, Great Bend, May 12, 2000

Convener and Co-Chair, Geological Constraints on Global Climate, oral session, AAPG national meeting, New Orleans, LA April 18, 2000

Energy Sustainability: Briefing to House Utility Committee, Jan. 9, 2001. Briefing to Senate Utility Committee, Jan. 25, 2001

Geological Constraints on Global Climate Change: University of Oklahoma, March 29, 2001 Univ. Wisconsin-Platteville, April 5, 2001

Anatomy of a Reef: Univ. Wisconsin-Platteville, April 5, 2001

Global Energy Picture: Univ. Wisconsin-Platteville, April 6, 2001

Technology Needs for U. S Energy Policy: Summit on U. S. Energy Policy, Washington , D. C., April 23, 2001

U. S. Energy Problems. Pittsburg, KS Rotary Club, May 8, 2001

Forum on Energy Access to Public Lands, AAPG Annual Meeting, Denver, CO, June 4, 2001 (chair)

Meeting the Energy Challenge: Talk of the Town, Lawrence, June 12, 2001

Geological Constraints on Global Climate Change: Ft. Worth Geological Society, November 12, 2001. Wyoming Geological Association, Casper, WY, Nov. 16, 2001

America's Energy Future; Lawrence Kiwanis Club, December 27, 2001

University of Colorado World Affairs Conference, April 8-12, 2002. 8 panel discussions:

- 1603 Hot Under the Collar: The Global Warming Debate
- 2108 Ethics in Science and Public Policy: Going, Going, Gone
- 3101 Can Greenies and Greenbacks Unite On a National Energy Policy?
- 3402 Our Solar Future
- 3703 Kyoto Protocol: U.S. Refusal to Join
- 4605 Energy or Environment
- 4902 Sustainable Solutions for a Complex and Consuming World
- 5104 The Religious Left and Modern Science

GUIDEBOOKS, BOOKS

Gerhard, Lee C., 1969, Editor, Raton Basin, Colorado and New Mexico: Guidebook Issue, *The Mountain Geologist*, v. 6, no. 3, p. 81-190.

Multer, H.G., and L.C. Gerhard, Editor 1974, Guidebook to the Geology and Ecology of Some Marine and Terrestrial Environments, St. Croix, U.S.V.I.: West Indies Lab. Spec. Pub. no. 5.

Gerhard, Lee C., 1984, The Carbonate Cycle: a short course syllabus and textbook, 450 pages, 65 pl.

Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, Eds., 2001, Geological Perspectives of Global Climate Change: American Assoc. of Petroleum Geologists Studies in Geology #47, 373 p.

JOURNAL AND OTHER PUBLICATIONS

Gerhard, Lee C., 1961, Geology of the lower Phantom Canyon area, Fremont County, Colorado: Masters thesis, University of Kansas.

Dellwig, Louis F. and Gerhard, Lee C., 1962, The December 25, 1961 earthquakes in northwestern Missouri and northeastern Kansas: *Kansas Geol. Survey Bull.* 157, pt. 1, 12 p.

Gerhard, Lee C., 1963, Cyclic deposition of the lower Fort Union Formation in eastern Montana: *The Compass*, v. 40, no. 2, p. 88-96.

_____, 1964, Paleozoic paleogeology of the Canon City embayment, Colorado: Doctoral dissertation, University of Kansas.

_____, and Wahlstedt, Warren J., 1965, Milsap Creek fault block: a gravitational structure: *The Mountain Geologist*, v. 2, no. 4.

- _____, 1967, Paleozoic geologic development of the Canon City embayment, Colorado: American Association Petroleum Geologists Bull. v. 51, no. 11, p. 2260-2280.
- _____, 1967, Surface correlation of lower Fort Union Formation beds in eastern Montana: The Mountain Geologist, v. 4, no. 2, p. 67-72.
- _____, 1968, Pre-Pennsylvanian sediments, Canon City embayment, Colorado: The Mountain Geologist, v. 5, no. 3, p. 109-114.
- _____, 1968, First day's road log, Pueblo-Beulah-Canon City-Pueblo: The Mountain Geologist, v. 5, no. 3, p. 154-164.
- Jurie, Carl A., and Gerhard, Lee C., 1969, Colorado Raton basin: Mineral resources and geologic section: The Mountain Geologist, v. 6, no. 3.
- Lewis, C. J., Wilde, D.E., and Gerhard, L.C., 1969, Basement structure map of the Raton basin area, Colorado: The Mountain Geologist, v. 6, no. 3.
- Gerhard, Lee C., with others, (R.M.A.G., Research Committee), 1969, Configuration of the Precambrian surface of Colorado: The Mountain Geologist, v. 6, no. 4, p. 193-197.
- _____, and Chase, Ronald B., 1970, Second Day's Road Log, Canon City, Fairplay, and Breckenridge: The Mountain Geologist, V. 7, no. 3, p. 229-244.
- _____, 1972, Canadian depositional environments and paleotectonics of Central Colorado: Quarterly Colo. School of Mines, v. 67, no. 4, p. 1-36.
- _____, 1974, Pre-Holocene sea levels of St. Croix: in, Guidebook to the Geology and Ecology of some marine and terrestrial environments, St. Croix, U.S.V.I.: West Indies Lab. Spec. Pub. No. 5.
- _____, and Petta, T.J., 1974, Mixed carbonate and terrigenous marine environment, Sugar Bay, St. Croix: in, Guidebook to the Geology and Ecology of some marine and terrestrial environments, St. Croix, U.S.V.I.: West Indies Lab. Spec. Pub. No. 5.
- _____, and Stolzman, R., 1974, Sedimentology of Boiler Bay, St. Croix: in, Guidebook to the Geology and Ecology of some marine and terrestrial environments, St. Croix, U.S.V.I.: West Indies Lab. Spec. Pub. No. 5.
- Kotila, D., Harris, F., Mook, D., and Gerhard, L.C., 1974, Algal mats and sediments Westend Saltpond, St. Croix: A reconnaissance: in, Guidebook to the Geology

and Ecology of some marine and terrestrial environments, St. Croix, U.S.V.I.: West Indies Lab. Spec. Pub. No. 5.

Gerhard, L.C., 1974, Redescription and new nomenclature of the Manitou Limestone, Colorado: Amer. Assoc. Petroleum Geologists Bull., v. 58, no. 7, p. 1397-1402.

_____, and Petta, T. J., 1974, Carbonate deposition in a terrigenous-dominated environment: Pierre Shale (Cretaceous), Colorado (Abst.): Geol. Soc. America, Rocky Mountain Section, Abstracts with Programs, v. 6, no. 5, p. 443.

Ogden, J. C., and Gerhard, L. C., 1974, A contribution to the biology and sediment relationships of 2 common Caribbean echinoids (Abst.): 7th Caribbean Geologic Conference, Recueil Des Resumes DeComm., Ministere Ve L'Industrie, Guadeloupe, French Antilles, p. 50.

Gerhard, L.C., and Multer, H. Gray, Eds., 1974, Recent advances in Carbonate Studies, Abstract Volume: West Indies Laboratory Spec. Pub. No. 6, 75 p.

Multer, H. G., Gerhard, L. C., and Frost, S. H., 1974, Miocene carbonate rocks and modern analog, St. Croix: in, Recent Advances in Carbonate Studies, L. C. Gerhard and H. G. Multer, Eds.: West Indies Lab. Spec. Pub. No. 6, p. 23-24.

Gerhard, L.C., and Bowman, J. 1975, Sedimentation in the Salt River estuary, St. Croix, U.S. Virgin Islands: West Indies Lab. Spec. Pub. No. 8, 56 p.

Gerhard, L.C., 1976, Sediment facies of Salt River estuary, St. Croix, U.S.V.I., mixed carbonate and clastic deposits (Abst.): Amer. Assoc. Petroleum Geologists Bull., v. 60, p. 674.

Multer, H.G., Frost, S.H., and Gerhard, L.C., 1977, The Miocene "Kingshill Seaway" - A dynamic carbonate basin/shelf model, St. Croix, U.S.V.I.: Amer. Assoc. Petroleum Geologists, Studies in Geology, No. 4, p. 329-352.

Gerhard, L.C., 1977, Submarine cementation of grainstone fabric, St. Croix, U.S. Virgin Islands: Atoll Res. Bull. No. 196, p. 1-7.

Petta, T.G., and Gerhard, L.C., 1977, Origin of Tepee Butte limestones, Pierre Shale, Colorado: Jour. Sedimentary Petrology, v. 47, no. 3, p. 1018-1026.

Gerhard, L.C., Frost, S.E., and Curth, P., 1978, Stratigraphy and depositional setting, Kingshill limestone, Miocene, St. Croix, U.S. Virgin Islands: Amer. Assoc. Petroleum Geologists Bull., v. 62, p. 403-418.

- _____, Anderson, S.B., and Berg, J., 1978, Mission Canyon porosity development, Glenburn Field, North Dakota Williston basin: 4th Int. Williston Basin Symposium, p. 177-188.
- _____, 1978, Some modern carbonate studies applied to the Williston basin: 4th Int. Williston Basin Symposium, p. 35-55.
- Koch, C.A., and Gerhard, L.C., 1978, Minerals in the economy of North Dakota: U.S. Bureau of Mines, SMP-10, 10 p.
- Gerhard, L.C., 1978, Reconnaissance study of sediment facies of Salt River estuary, St. Croix, U.S.V.I.: Mixed carbonates and clastics: The Mountain Geologist, v. 15, no. 3, p. 109-123.
- Speed, R.C., Gerhard, L.C., and McKee, E.H., 1979, Ages of deposition, deformation, and intrusion of Cretaceous rocks, eastern St. Croix, Virgin Islands: Geol. Soc. America Bull., part 1, v. 90, p. 629-632.
- Gerhard, L.C., and Anderson, S.B., 1979, Oil exploration and development in the North Dakota Williston basin: North Dakota Geological Survey Misc. Series no. 57, 19 p.
- Carroll, W. Kipp, and Gerhard, L.C., 1979, Dolomitization in Upper Red River Formation (Upper Ordovician), North Dakota: Amer. Assoc. Petroleum Geologists Bull., v. 63, p. 430 (Abst.) (special recognition by Matson Award Committee).
- Aase, J.H., and Gerhard, L.C., 1979, Minerals in the economy of North Dakota: U.S. Bureau of Mines. SMP 1979, 15 p.
- Gerhard, L.C., and Anderson, S.B., 1979, Oil exploration and development in the North Dakota Williston basin: The Mountain Geologist, v. 16, no. 4, p. 117-130.
- _____, 1980, The Regulators: North Dakota Geological Survey: The American Oil and Gas Reporter, July, 1980, p. 66-67.
- _____, and Anderson, S.B., 1981, Oil exploration and development in the North Dakota Williston basin: 1980 Update: North Dakota Geological Survey Miscellaneous Series, no. 59.
- _____, 1981, Origin and evolution of Sand Cay (Candlelight Reef), U.S. Virgin Islands: Atoll Research Bull. No. 242.

- _____, Anderson, S.B., Carlson, C., and LeFever, J., 1982, Geological development, origin, and energy and mineral resources of the Williston basin, North Dakota: Amer. Assoc. Petroleum Geologists Bull., v. 66, no. 8, p. 989-1020.
- _____, 1983, Geological evolution and energy resources of the Williston basin: University of Missouri-Rolla Journal, No. 3, p. 83-120.
- _____, and others, 1983, Geological development, origin, and energy mineral resources of the Williston basin, North Dakota: Misc. Series 63, North Dakota Geological Survey. Re-printed from American Association of Petroleum Geologists Bulletin.
- Kent, H.C., and Gerhard, L.C., 1983, Potential Gas Committee: Potential supply of natural gas in the United States (as of December 31, 1982): Potential Gas Agency, Colorado School of Mines, Golden, 74 p.
- Anderson, S.B., Gerhard, L.C., and LeFever, Julie, 1983, Structural and Sedimentologic history of the Nesson anticline: American Association of Petroleum Geologists Bulletin, v. 67, p. 1329 (Abst.).
- Gerhard, L.C., Coordinator, with others, 1983, Correlation of stratigraphic units of North America: Northern Rockies - Williston basin region: American Association of Petroleum Geologists, Tulsa, Oklahoma.
- _____, 1984, The Professional Image: Student, Professor, Practitioner: Colorado Professional Geologist, v. 14, no. 1, p. 5-8. (repub. in The Professional Geologist)
- _____, 1984, Industry Strategies, Advanced Geologic Technology: Mines Magazine, v. 74, no. 10, p. 8-9.
- _____, 1984, The Earth: Chapter 33, Fieldbook, Boy Scouts of America, 3rd. ed., p.527-539.
- _____, 1985, Porosity development within the Mission Canyon Formation (Mississippian) Glenburn Field, North Dakota Williston basin: in, Casebook of Carbonate Petroleum Reservoirs, Roehl and Choquette, eds.: Chapter 11, p. 193-205, Springer-Verlag, Inc., New York.
- Gerhard, L. C., S. B. Anderson, J. LeFever and C. Carlson, 1985, Origin, evolution and energy and mineral resources of the Williston Basin, North Dakota : (Abst.), American Association of Petroleum Geologists Bull., v. 69, p.

Gerhard, L. C., and R. B. Burke, 1986, Reefs, bioherms and banks: a semantic and genetic continuum: (Abst.), Abstracts of 12th International Sedimentological Congress, Canberra, Australia, pg. 118.

National Advisory Committee on Oceans and Atmosphere, 1986, The need for a national plan of scientific exploration for the Exclusive Economic Zone: A special report to the President and the Congress: U.S. Government Printing Office, 53 p. (L.C. Gerhard, EEZ Panel Chair)

Gerhard, L. C., 1986, Lineament applications to the development of exploration strategy in the Williston basin: in, Proceedings of the second workshop on remote sensing/lineament applications for energy extraction, C. A. Komar, ed.: U. S. Department of Energy DOE/METC-86/6039, p. 66-80.

Gerhard, L.C., Anderson, S.B., and LeFever, J., 1987, Structural History of the Nesson anticline, North Dakota, in Peterson et al, Williston basin: anatomy of a cratonic oil province: Rocky Mountain Association of Geologists, p. 337-353.

Gerhard, L. C., D. Fischer and B. Stites, 1987, The Serendipity factor: A case study of the Red River Formation, North Dakota: Oil and Gas Journal, V. 85, no. 28, p. 93-96.

Burke, R. B. and L. C. Gerhard, 1987, Reefs, bioherms and banks: a semantic and genetic continuum: American Assoc. Petroleum Geologists Bull., v. 71, p. 535. (Abst.)

Gerhard, L. C., and S. B. Anderson, 1988, The Williston basin: Sedimentary Cover - North American Craton -U.S.: Chapter 9, Geology of North America, D-2, Geological Society of America; p. 221-242.

Gerhard, Lee C., L. Graber and E. A. Brostuen, 1988, Development of an exploration strategy: Kansas Geological Survey Open File Report 88-3.

Gerhard, Lee C., L. Graber and E. A. Brostuen, 1988, Development of an exploration strategy: Oil and Gas Journal, V. 86, n. 24, p. 56-59.

_____, 1988, A look at the status of U.S. petroleum: Oil and Gas Journal, V. 86, n. 25, p. 73-77.

_____, 1988, Exploration-strategy planning helps reduce risk and focus expenditures: Oil and Gas Journal, V. 86, n. 26, p. 67-72.

Lindsay, R. F., S. Anderson, J. LeFever, L. Gerhard, and R. LeFever, 1988, Structural history and reservoir characteristics (Mississippian) of Nesson anticline, North

- Dakota, in, Giant Oil and Gas Fields, A Core Workshop: Soc. Economic Paleontologists and Mineralogists Core Workshop No. 12, p. 741-802.
- Gerhard, L. C., 1988, Structural history and reservoir characteristics (Mississippian) of Nesson anticline, North Dakota, American Assoc. Petroleum Geologists Bulletin, v. 72, p. 875 (Abst.).
- Berendsen, P., Borcharding, R. M., Doveton, J., Gerhard, L., Newell, K.D., Steeples, D., and W. L. Watney, 1988, Texaco Poersch #1, Washington County, Kansas- Preliminary geologic report of the pre-Phanerozoic rocks: Kansas Geological Survey Open-file Report 88-22, 116 p.
- Berendsen, P., Doveton, J., Gerhard, L., Newell, K.D., Steeples, D., Watney, W. L., and R. M. Borcharding, 1988, Preliminary geologic report of the Texaco 1 Poersch borehole: Oil and Gas Journal, v. 86, no. 44, p. 48-54.
- Steeple, D. W., Berendsen, P., Doveton, J., Gerhard, L., Newell, K.D., Watney, W. L., 1988, Geology of the Midcontinent Rift; Texaco #1 Poersch: Interstate Oil and Gas Compact Commission & Committee Bulletin, v. 2, n. 2, p. 86-94.
- Gerhard, L. C., D. W. Fischer, R. Borchert, and R. Johnson, 1988, Geology of Glenburn Field, North Dakota; in, Goolsby, S., ed., Carbonate reservoirs of the Rocky Mountains: Rocky Mountain Association of Geologists, p. 347-355.
- Gerhard, Lee C., 1988, Concepts of Williston Basin Evolution and Trap Predictability: the Grand Fantasy: Abstracts of Fifteenth Annual Meeting, Canadian Geophysical Union, Saskatoon, Sask. (Abst.).
- Gerhard, Lee, Haney, D., Segall, T., Mankin, C., and M. Leighton, 1988, The National Need for Oil and Gas Research: Interstate Oil Compact Commission Research Committee Report, Tulsa, Oklahoma, 9 p., 5 figs.
- Gerhard, Lee C., 1988, Porosity development within the Mission Canyon Formation (Mississippian) Glenburn Field, North Dakota Williston basin: in, Treatise of Petroleum Geology Reprint Series 5, Reservoirs III - Carbonates, p. 406-419. (Reprinted from Casebook of Carbonate Petroleum Reservoirs, Roehl and Choquette, eds.: Chapter 11, p. 193-205, Springer-Verlag, Inc., New York).
- Gerhard, Lee C., 1989, Global demand and global production: closer to balanced: Kansas Geological Survey Open file Report 89-11, 16 p.
- Gerhard, Lee C., 1989, Global demand, production closer to balanced: Oil and Gas Journal, v. 87, n. 26, p. 72-75.

- Gerhard, Lee C., 1989, Petroleum in the United States: Quo Vadis?: Proceedings of the Eighth Tertiary Oil Recovery Conference, Contribution 10, Tertiary Oil Recovery Project, p. 63-73.
- Gerhard, Lee C., 1989, Reef architecture - a base for reef modeling and porosity prediction: in, Franseen, E.K. and W. L. Watney, eds., Sedimentary Modeling: Computer simulation of depositional sequences, Kansas Geological Survey Subsurface Geol. Series 12, p. 31-34.
- Gerhard, Lee C., L. Graber and E. A. Brostuen, 1989, Development of an exploration strategy: in Flis, J.E., R. C. Price and J. F. Sarg, eds., Search for the subtle trap - hydrocarbon exploration in mature basins: West Texas Geological Society Pub. 89-85, p. 13-38.
- Gerhard, Lee C., and R. B. Burke, 1990, Reefs, banks and bioherms: a genetic and semantic continuum: Kansas Geological Survey Open File Report 90-11, 23 p., 16 ill.
- Gerhard, Lee C., 1990, Exploration strategy: better the odds (Abst.): American Association of Petroleum Geologists Bull., v. 74, p. 1325.
- Fischer, D. W., L. C. Gerhard, and T. Heck, 1990, Medicine Pole Hills Field, North Dakota, Williston Basin, in, Foster, N. L. and Beaumont, E.A., eds., Treatise on Petroleum Geology, Oil Fields Atlas: American Association of Petroleum Geologists.
- Borchert, R., L. C. Gerhard, D.W. Fischer, and R. L. Johnson, 1990, Glenburn Field, North Dakota, Williston Basin, in, Foster, N. L. and Beaumont, E.A., eds., Treatise on Petroleum Geology, Oil Fields Atlas: American Association of Petroleum Geologists.
- Gerhard, L. C., 1990, Review of Reservoir Sedimentology, Tillman, R.W., and K.J. Weber, eds., SEPM Special Publication 40: American Association of Petroleum Geologists Bull., v. 74, p. 1666-1667.
- Gerhard, L. C., 1991. Review of The Geology and Tectonics of the Oman Region, Robertson, A. H. F., M. P. Searle, and A. C. Ries, eds., Geological Society Special Publication 49: American Association of Petroleum Geologists Bull., v. 75. p. 192-193.
- Gerhard, Lee C., 1991, Review of Structural Traps II, Traps Associated With Tectonic Faulting compiled by Edward A. Beaumont and Norman H. Foster: Treatise of Petroleum Geology Atlas of Oil and Gas Fields, American Association of Petroleum Geologists, Tulsa, 267 p, 1990. Geotimes.

- Gerhard, L. C., S. B. Anderson, and D. W. Fischer, 1991, Petroleum geology of the Williston basin: in, Leighton, M., Kolata, D., Oltz, D., and Eidel, J., eds., Petroleum geology of interior cratonic basins: American Association of Petroleum Geologists Memoir 51, p.507-559.
- Gerhard, L. C., 1991, Why are we there?: Kansas Geological Survey Open File Report 91-2, 5 p., 2 figs.
- Gerhard, L. C., 1991. Review of Skeletal biomineralization: Patterns, processes, and evolutionary trends: J. G. carter, ed.: Van Nostrand Reinhold. Geotimes, May, 1991, p. 30.
- Gerhard, L. C., 1991, Stratigraphy in the modern generation: Kansas Geological Survey Open File Report 91-24, 6 p, 8 figs.
- Gerhard, L. C., 1991, Review of To the Waters and Wild: Petroleum Geology 1918-1941: Blakey, Ellen Sue, American Association of Petroleum Geologists, 207 p. Geotimes, v. 36, n. 8, August, 1991, p. 25.
- Gerhard, L. C., 1991, Review of Introduction to Energy: Resources, technology , and society, by Edward S. Cassedy and Peter Z. Grossman, 1990, Cambridge University Press, Cambridge. 338 p., Bull. American Association of Petroleum Geologists, v. 75, p. 1657.
- Gerhard, L. C., 1991, Review of Mixed Carbonate - Siliciclastic Sequences: Lomando, Anthony J., and Harris, Paul M., eds., 1991, SEPM Core Workshop No. 15, Society of Economic Paleontologists and Mineralogists, 569 p. Bull. American Association of Petroleum Geologists, v. 75, p. 1656-1657.
- Gerhard, L. C., 1991, Reef modeling: progress in simulation of carbonate environments: in, Franseen, E.K, W. L. Watney, C. G. St. C. Kendall, and W. Ross, eds., Sedimentary modeling: Computer simulations and methods for improved parameter definition: Kansas Geological Survey Bull. 223, p. 345-358.
- Gerhard, Lee C., 1992, Review of World Atlas of Holocene Sea-level Changes, by Paola Antonio Pirazzoli, Elsevier Oceanography Series, Elsevier Science Publishers, 1991, Geotimes, V. 37, n. 6, p. 25.
- Gerhard, L. C., L. Brady, W. L. Watney, and D. Collins, 1992, Fossil Energy Resources in Kansas, 1992: Kansas Geological Survey Open File Report 92-9, 53 p.
- Baars, D. L., Thomas, W. A., and L. C. Gerhard, 1992, Basement Tectonic Fabric of the USA: International Basement Tectonics Assoc., 10th International Basement Tectonics Conference, Program with Abstracts, Duluth, Mn (Abst.).

- Gerhard, Lee C., 1992, Review of New Concepts in Global Tectonics edited by Sankar Chatterjee and Nicholas Hotton III, Texas Tech University Press, 1992. ISBN: 0-89672-269-4, 450 p., *Geotimes*, v. 37, no. 12, p. 23.
- Gerhard, Lee C., 1992, Petroleum Research: A Vision of the Future: Interstate Oil and Gas Compact Commission, Bulletin: V. VI, no. 1, p. 46-48.
- Gerhard, Lee C., 1993, Petroleum Research: A Vision of the Future: The Professional Geologist, V. 30, no. 3, p. 11-14.
- Gerhard, Lee C., 1993, Earth Resources, Public Information, and Education: The Issue: Kansas Geological Survey Open File Report 93-9, 6 p.
- Gerhard, Lee, and Bobette Puderbaugh, 1993, Earth Resources and Society: Kansas Geological Survey Open File Report 93-10, 17 p.
- Watney, W. L., Gerhard, L. C., and D. W. Green, 1993, Energy Research Center Goal is Increased Oil Recovery: The American Oil & Gas Reporter, v. 36, no. 5, (May 1993) p. 83-86.
- Gerhard, Lee C., 1993, Review of Climates of the World, by Danuta Martyn, 1992, *Developments in Atmospheric Science* 18, Elsevier, 435 p., *Geotimes*, v. 38, no. 8, p. 25.
- Gerhard, Lee C., 1993, Review of Sedimentary Petrography, by Albert V. Carozzi, 1993, Prentice Hall, New Jersey, 263 p., *Geotimes*, v. 38, no. 11, p. 25.
- Baars, D. L., Gerhard, L. C., and R. C. Buchanan, 1993, Compilers, Practical exercises in subsurface geology: American Association of Petroleum Geologists, 70 p.
- Gerhard, Lee C., 1994, Earth Resources and Our Environment: Resource and Policy Problems: Kansas Geological Survey Open File Rpt. 94-3, 12 p.
- Gerhard, Lee C., 1994, The Drilling of Umiat #1: Kansas Geological Survey Open File Report 94-17,
- Gerhard, Lee C., 1994, Framing Policies on Resources and the Environment: *Geotimes*, v. 39, n. 5, p. 20-22.
- Gerhard, Lee, and Bobette Puderbaugh, 1994, Earth Resources Allow Society to Grow: American Oil & Gas Reporter, v. 37, n. 5, p. 120-122.

- Gerhard, Lee, and Bobette Puderbaugh, 1994, Environmental Issues Call for Choices: American Oil & Gas Reporter, v. 37, n. 6, p. 106-108.
- Gerhard, Lee, 1994, Oilman-Seabees Blazed Arctic Trail: AAPG Explorer, v. 15, n. 7, p. 20-21.
- Collins, D., Gerhard, L., Watney, W., Carr, T., and K. Newell, 1994, Potential for Discovery and Production from the Kansas Crude Oil Resource Base: Kansas Geological Survey Open File Report 94-30, 9 p.
- Gerhard, Lee, 1994, Earth Resources, Our Environment, and Society: Some Resource and Policy Issues: Geological Society of America, Abstracts with Programs, v. 26, n. 7, p. 319.
- Gerhard, Lee, 1994, Your Voice Can Make a Difference: President's Column, The Reporter, Division of Environmental Geosciences, AAPG, v. 3, n. 3, p. 2.
- Gerhard, Lee, 1994, Philosophic Issues Fuel Debate: President's Column, The Reporter, Division of Environmental Geosciences, AAPG, v. 3, n. 4, p. 2.
- Gerhard, L., S. Anderson, R. Olea, and L. Roberson, 1995, Western Cold Turkey Creek Field anomaly: a meteorite impact crater - not!, in: Hunter, L. D. and R. Schalla, eds., 7th International Williston Basin Symposium Guidebook, p. 179-186, 2 plates.
- Gerhard, Lee, 1995, Earth Resources, Our Environment, and Society: Some Resource and Policy Issues: American Association of Petroleum Geologists, Abstracts with Programs, p. 32A.
- Gerhard, Lee C., 1995, Technology and Inventions Needed by the Independent Petroleum Industry by the Year 2025: The Professional Geologist, v. 32., n. 3, p. 13-15.
- Gerhard, Lee C., 1995, World War II Seabee oil men pioneered oil drilling in northern Alaska: Navy Civil Engineer, v. 34, n. 1, p. 3-6.
- Gerhard, Lee, 1995, Travel Offers Learning Opportunity: President's Column, The Reporter, Division of Env. Geosciences, AAPG, v. 4, n.1, p. 2.
- Gerhard, Lee, 1995, Year of Challenge Points to Future: President's Column, The Reporter, Division of Env. Geosciences, AAPG, v. 4, n.2, p. 2.
- Baars, D. L., Thomas, W. A., Drahovzal, J. A., and L. C. Gerhard, 1995, Preliminary investigations of basement tectonic fabric of the conterminus

- USA, in, Ojakangas, R. W., et al, eds., Basement Tectonics: Kluwer Academic Publishers, Netherlands, p. 149-158.
- Gerhard, Lee and Timothy Carr, 1995, Energy in Kansas: Today's World, Tomorrow's Opportunities: Governor's Conference on the Kansas Economy, August 16, 1995, Wichita, misc. papers.
- Gerhard, Lee C., compiler, 1995, Visions of the Future: Technology and invention Needs of the Independent Petroleum Industry: Interstate Oil and Gas Compact Commission, 80 p.
- Gerhard, Lee C., 1995, What is the Division of Environmental Geosciences?: AAPG Bulletin, v. 79, no. 9, p.ii-iii
- Gerhard, Lee C., 1995, Division of Environmental Geosciences: A new organization for geologists who work in and care about their environment: Environmental Geology, v. 26, p. 136-137
- Gerhard, L.C., Grisafe, D.A., and Brady, L.L., 1995, Impacts of sand and gravel dredging in Kansas rivers (testimony to, and supporting materials presented by the Kansas Geological Survey): Kansas Geological Survey Open-file report 95-60, 23p.
- Gerhard, Lee C., 1996, Review of Weathering, Soils & Paleosols, edited by I. P. Martini and W. Chesworth, 1992, Developments in Earth Surface Processes 2, Elsevier, Amsterdam, 618 p., Geotimes, v.41, n. 2, p.58.
- Gerhard, Lee C., 1996, Review of Geohazards - Natural and Human, by Nicholas K. Coch, 1995. Published by Prentice Hall, Englewood Cliffs, New Jersey 07632. 481 p. Environmental Geosciences, v. 3, n. 1, p.55-56.
- Gerhard, Lee C., 1996, Review of The Day the House Fell by Richard L. Handy, Ph.D., 230 p., published by ASCE Press, American Society of Civil Engineers, Environmental Geosciences, v. 3, n. 1, p.55.
- Gerhard, Lee, and Wyatt Weeks, 1996, Data Compilations: Rational Science for Rational Policy: Division of Environmental Geosciences, American Association of Petroleum Geologists Hedberg Conference, September, 1995, Kansas Geological Survey Open File Report 96-2.
- Gerhard, Lee C., 1996 Earth resources and our environment: resource and policy problems and solutions: Environmental Geosciences, v. 3, n.2, p 76-82.

- Gerhard, Lee, and Wyatt Weeks, 1996, Earth Resources Data: A Basis for Resource Analysis and Decision-Making: Environmental Geosciences, v. 3, n.2, p. 62-75.
- Gerhard, Lee, Chris Oglesby, and Ralph Rice, 1996, Rational Science for Rational Policy: Environmental Geosciences, v. 3, n.2, p. 57-61.
- Gerhard, L. C., 1996, The Wernerian Syndrome: Aspects of Global Climate Change: An analysis of Assumptions, Data, and Conclusions: Environmental Geosciences, v. 3, n. 4, p. 204-210.
- Gerhard, L. C., 1997, The Drilling of Umiat #1: Opening the Arctic: Northeastern Geology and Environmental Sciences, v. 19, nos. 1/2, p. 8-13.
- Gerhard, L.C., 1997, Meeting Today's Geological Imperative, A Petroleum Geologist's 1997 Outlook and Opinion: The Professional Geologist, v. 34, n. 3, p.11-13.
- Gerhard, L.C, Sorensen, J., and M. Hathaway, 1997, National Geoscience and Engineering Manpower Issues of the Petroleum Industry: Kansas Geological Survey Open File Report 97-20, 7 p., 5 figs.
- Gerhard, Lee C., 1997, Editor's Introduction: Federal Perspectives on Resources and the Environment: Environmental Geosciences, V. 4, n. 1, p. 1-2.
- Gerhard, Lee C., Janice Sorensen, and Melanie Hathaway, 1997, National Geoscience and Engineering Manpower Issues for the Petroleum Industry: Interstate Oil and Gas Compact Commission, Tulsa, OK, 17 p.
- Carr, T. R., D. Adkins-Heljeson, P. M. Gerlach, L. C. Gerhard, W. J. Guy, J. M Kruger, and W. L. Watney, 1997, The Kansas Geological Survey's Digital Petroleum Atlas(DPA) Project: Society of Petroleum Engineers Paper SPE 38825, p. 771-778.
- Berg, T. M., L. C. Gerhard, and D. C. Haney, 1997, Topographic Maps: What the Nation Needs, Geotimes, v. 42, n. 10, p. 5, 43.
- Gerhard, Lee C., 1998, The Wernerian Syndrome: Aspects of Global Climate Change: An analysis of Assumptions, Data, and Conclusions: Bulletin of the Kansas Geological Society, v. 73, n. 5, p. 14-20. Reprinted from Env. Geosciences, 1996.
- Gerhard, Lee C., 1998, Environmental Evolution of Petroleum Exploration and Production: Meeting the Challenge (Abst.): American Association for the

- Advancement of Science Annual Meeting, program with abstracts, p. A-32.
- Gerhard, Lee C., 1998, Nature's Keepers: Review, Environmental Geosciences, v. 5, n. 1, p. 39.
- Gerhard, L.C., 1998, The Dilemma of the Geologist: Earth Resources and Environmental Policy: in, A Paradox of Power: Voices of Warning and Reason in the Geosciences, Welby, Charles, and Monica Gowan, eds.: Reviews in Engineering Geology, Geological Society of America, p.1-7.
- Gerhard, L. C., and L. L. Brady, 1999, Environmental Geology: Our Professional Public Responsibility: Environmental Geology v. 37, n. 1-2, p. 1-8.
- Gerhard, Lee C., 1999, Geologic Constraints on Global Climate Variability (Abst.): Environmental Geosciences, v. 6, n. 3, p. 152.
- Gerhard, Lee C., 1999, Communicating with Other Natural Scientists and the Public: Geologic Philosophy: The Professional Geologist, v. 36, p. 4-5.
- Gerhard, Lee C., 1999, Introduction to Special Issue: Meeting Societal Resource and Environmental Requirements into the Twenty-First Century: Environmental Geosciences, v. 6., n. 4, p. 163.
- Gerhard, Lee C., 1999, Meeting Societal Resource and Environmental Requirements into the Twenty-First Century: A Conference Report: Environmental Geosciences, v. 6., n. 4, p. 172-184.
- Gerhard, Lee C., 1999, Review of : Technology and Global Change, by Arnulf Gruber: Natural Resources Research, V. 8., n. 4, p. 345-346.
- Gerhard. Lee C., 2000, Review of: Global Environmental Change, by Peter D. Moore, Bill Chaloner, and Philip Stott: Environmental Geosciences, V. 7, n. 1, p. 66.
- Gerhard, L. C., and Bernold H. Hanson, 2000, Ad Hoc Committee on Global Climate Issues: Annual Report: Bulletin of the American Association of Petroleum Geologists, v. 84, n. 4, p. 466-471.
- Gerhard, Lee C., and Logan MacMillan, 2000, Public lands access and consumer prices are related: The Professional Geologist, v. 37, n. 8, p. 20.
- Burke, R.B., and Gerhard, L.C., 2000, Aragonite cementation and related sedimentary structures; in Quaternary lacustrine deposits, Great Salt

Lake, Utah, in King, J.K., and Willis, G.C., editors, *The Geology of Antelope Island, Davis County, Utah*: Utah Geological Survey Miscellaneous Publication 00-1, p. 99-115.

Gerhard, Lee C., 2000, [A Vision for AIPG: The Professional Geologist](#), v. 37, n. 9, p. 8-9.

Gerhard, Lee C., 2001, [Water and Energy, the Basis of Human Society](#), Briefing to the Senate Utilities Committee, KGS Open File Report 2001-03

Gerhard, Lee C., 2001, [Moderating the Climate Debate](#), Amer. Association of Petroleum Geologists, www.aapg.org.

Gerhard, Lee C., 2001, [What is it that We Can Control?: The AAPG Explorer](#), February 2001, p. 32-34.

Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, 2001, [Geological Perspectives of Global Climate Change: Introduction and Overview](#), from Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, Eds., 2001, *Geological Perspectives of Global Climate Change: American Assoc. of Petroleum Geologists Studies in Geology #47*, 373 p.

Gerhard, Lee C., and William E. Harrison, 2001, [Distribution of Oceans and Continents: A Geological Constraint on Global Climate Variability](#): in., Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, eds., 2001, *Geological Perspectives of Global Climate Change: American Assoc. of Petroleum Geologists Studies in Geology #47*, Chapter 3, p. 51-82.

Gerhard, Lee C., 2001, [Moderating the Climate Debate](#): Oklahoma City Geological Society Website, <http://www.ocgs.org/>

Gerhard, Lee C., and William E. Lawson, 2001, [Environmental Evolution of the Petroleum Industry](#): Interstate Oil and Gas Compact Commission, Oklahoma City, OK, 22 p.

Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, 2001, [Geological Perspectives of Global Climate Change: Introduction and Overview](#), from Gerhard, Lee C., William E. Harrison, and Bernold M. Hanson, Eds., 2001, *Geological Perspectives of Global Climate Change: American Assoc. of Petroleum Geologists Studies in Geology #47*, 373 p., Search and Discovery, American Association of Petroleum Geologists, <http://www.searchanddiscovery.net/documents/gerhard/index.htm>

- Gerhard, Lee C., 2001, Dialogue on Global Warming: Inadequate science leaves climate debate subject to political expediency: Oil & Gas Journal, July 16, 2001, p. 20-26.
- Gerhard, Lee C., 2001, State Geological Surveys: Their Growing Role National Policy Role: The Compass, v. 75, n. 2,3, p. 42-44.
- Gerhard, L.C., W.E. Harrison and B.M. Hanson, 2001, Geological Perspectives of Global Climate Change: Introduction and Overview#70007 Search and Discovery, AAPG (Online).
- Gerhard, Lee C., 2002, Is the Climate Really Changing, and Why Do We Care?: The Professional Geologist, V. 39, n. 1,2, p. 15.
- Gerhard, Lee C., 2002, Review of: Hubbert's Peak: The Impending World Oil Shortage, by Kenneth S. Deffeyes: Geotimes, v. 47, n. 1, p. 31-32.
- Gerhard, Lee C., 2002, Is the Climate really Changing?: The Sun Newspapers, January 30, 2002. p. 6A.
- Gerhard, Lee C. and Carl J. Smith, 2002, An Energy Policy for the United States: The Correlator, v. 8., n. 1, Jan. 2002, p. 9-12.
- Gerhard, Lee C., compiler, 2002, Report of Conference Activities: in, Proceedings of the Arbor Day Farm Conference, Sustainability of Energy and Water Though the 21ST Century: Kansas Geological Survey and American Association of Petroleum Geologists Special Publication, p. 1-6.
- Gerhard, Lee C., 2002, The Kansas Water Management Model: in, Proceedings of the Arbor Day Farm Conference, Sustainability of Energy and Water Though the 21ST Century: Kansas Geological Survey and American Association of Petroleum Geologists Special Publication, p. 109-114.
- Gerhard, Lee C., P. Patrick Leahy, and Victor J. Yannacone jr., 2002, Organizing Committee Perspectives of Energy and Water Sustainability Through the 21st Century: in, Sustainability of Energy and Water Though the 21ST Century, Proceedings of the Arbor Day Farm Conference: Kansas Geological Survey and American Association of Petroleum Geologists Special Publication, p. 125-132.
- Gerhard, Lee C., P. Patrick Leahy, and Victor J. Yannacone jr., 2002, editors, Sustainability of Energy and Water Though the 21ST Century, Proceedings of the Arbor Day Farm Conference: Kansas Geological Survey and American Association of Petroleum Geologists Special Publication, 132 p.

- Yannacone, Victor John, jr, Timothy C. Weiskel, and Lee C. Gerhard, 2002, Water and Energy, the Basis for Human Society: Are They Sustainable Through the 21st Century?, : in, Sustainability of Energy and Water Though the 21ST Century, Proceedings of the Arbor Day Farm Conference: Kansas Geological Survey and American Association of Petroleum Geologists Special Publication, p. 7-32.
- Gerhard, Lee C., and Victor John Yannacone, jr., 2002, Rational Science for Rational Policy: Geology in Service of Society (Abst.): Rocky Mountain Section, Geol. Society of America, Abstracts with Program, p. A 45
- Yannacone, Victor John, jr. and Lee C. Gerhard, 2002, Rational Science for Rational Policy. Geology Serving Society through Public Communications (Abst.): Rocky Mountain Section, Geol. Society of America, Abstracts with Program, p. A 45.
- Gerhard, Lee C., and Victor John Yannacone, jr, 2002, Rational Science for Rational Policy: The Endangered Species Act and the Law of Unintended Consequences: The Professional Geologist, v. 39, n. 5, p. 16-18.
- Gerhard, Lee C., 2002, Geological Perspectives of Global Climate Change: Abstracts with Program, AAPG Rocky Mountain Section, p. 26.
- Gerhard, Lee C., 2002, The End of the Climate Debate?: The Professional Geologist, v. 39, n. 9, p. 12-14.
- Gerhard, Lee C., 2002, Ending the Climate Debate, Learning to Live in the Real World: Houston Geological Society Bulletin, v. v, 45, n. 3, p.55-56.
- Gerhard, Lee, 2003, Preliminary Lineament Map of Kansas: Kansas Geol. Survey Open File Rpt. #2003-7 (with explanatory text).
- Gerhard, Lee C., 2003, America's Energy Future, and Kansas' Role (Abstract): Kansas Geological Society Bulletin, March, 2003
- Gerhard, Lee C., 2003, Core Description of Amoco #1 Rebecca K. Bounds Sauk and Tippecanoe Stratigraphic Section: Kansas Geol. Survey Open File Rpt. #2003-63. 23 p.
- Gerhard, Lee C., 2003, Energy, Access, and Myths That Mask Reality: Republic Advocate, Lincoln Heritage Institute, July, 2003.

- Gerhard, Lee C., and Victor John Yannacone jr., 2004, Invoking a Real Precautionary Principle: Tech Central Station: techcentralstation.com/021704F.html, February 17, 2004.
- Gerhard, Lee C., 2004, Climate Change: Conflict of observational science, theory, and politics: American Association of Petroleum Geologists Bulletin, v. 88, p. 1211-1220).
- Gerhard, L.C., 2004, A New Look at an Old Petroleum Province: Current Research in Earth Sciences, Kansas Geological Survey Bulletin 250, part 1. Posted 9/19/04.
<http://www.kgs.ku.edu/Current/2004/Gerhard/index.html>.
- Gerhard, Lee C., 2004, Virtual Field Trip: Anatomy of a Reef: American Association of Petroleum Geologists Slide Bank: Posted 11/11/04
http://www.aapg.org/slide_bank/reefs/index.cfm
- Gerhard, Lee C., 2004, Virtual Field Trip: Geology of the Canadian Rockies: American Association of Petroleum Geologists Slide Bank: Posted 11/11/04 http://www.aapg.org/slide_bank/rockies/index.cfm
- Gerhard, Lee C., 2004, A New Sense of Military History: Military Officers Association of America, Jayhawk Chapter Newsletter, v. IX, Issue 6, p. 4.
- Gerhard, Lee, 2004, What's in it for me?: Colorado Wildlife, Fall/Winter 2004, p.8.
- Gerhard, Lee C., 2004, The human trap: By focusing on unsubstantiated claims of man-made global warming, we are left with little planning for adaptation to inevitable climate change: Financial Post, v. 7, n. 26, p. FP19.
- Gerhard, Lee C., 2004, Wadi site access and energy prices...Related? Ol' Goats Gazette, Winter 2004-2005, p. 11.
- Gerhard, Lee C., 2005, Virtual Field Trip: Grand Canyon, Geology is Scenery!: Posted May, 2005, http://www.aapg.org/slide_bank/grandcanyon/index.cfm
- Gerhard, Lee C., Victor J. Yannacone jr., and Carl J. Smith, 2005, Editors, Energy and Environment,: A Partnership That Works: American Assoc. of Petroleum Geologists, Tulsa, 48 p.
- Gerhard, Lee. C., and William F. Lawson, 2005, Environmental Evolution of the Petroleum Industry: in, Gerhard, Lee C., Victor J. Yannacone jr., and Carl J. Smith, Editors, Energy and Environment,: A Partnership That Works: American Assoc. of Petroleum Geologists, Tulsa, p. 15-22.
- Gerhard, Lee C., and Timothy A. Cross, 2005, Measurements of the Generation and Distribution of Carbonate Sediments of Buck Island Channel, St. Croix, U. S.

Virgin Islands, with Observations about Sediments in Fringing Lagoons: Atoll Research Bulletin, n. 536, p.158-176.

Gerhard, Lee C., 2006, Climate Change: Conflict of observational science, theory, and politics: Response to discussion by Bryan Lovell: American Association of Petroleum Geologists Bulletin, v. 90, p. 409-412.

Gerhard, Lee C., 2006, Comment: Testing Global Warming Hypotheses: Geotimes, v. 51, n. 9, September, 2006, p. 7 (47).

Gerhard, Lee C., 2006, Review of: Geology and Geochemistry of Oil and Gas, by G. V. Chilingar, L. A. Buryakovsky, N. A. Eremenko & M. V. Gorfunkel: American Association of Petroleum Geologists Bulletin, v. 90, p.1290.

Gerhard, Lee C., 2007, The Circus of Climate Change: Frontiers of Freedom; Center for Science and Public Policy:

http://ff.org/index.php?option=com_content&task=view&id=404&Itemid=94

Gerhard, Lee C., 2007, Review of Global Warming and Global Cooling; Evolution of Climate on Earth: Am. Assoc. Petroleum Geologists Bull., v. 91, pp. 1732-1733.

Gerhard, Lee C., 2008, Review of: Atlas of Carbonate Reservoir Rocks of the Oil and Gas Fields of the East European and Siberian Platforms, by K.I.Bagrintseva, A.N.Dmitrievsky, and R.A.Bochko (2007), Am. Assoc. Petroleum Geol. Bull., v. 92, no. 7, p. 966.