

Scott W. Tinker

Professional Summary

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Business address: The University of Texas at Austin
Bureau of Economic Geology
10100 Burnet Rd., Bldg. 130
Austin, TX 78758
Telephone: (512) 471-0209
E-mail address: scott.tinker@beg.utexas.edu

Professional Preparation

Academic Background

- Ph.D. Geological Sciences, University of Colorado, Boulder, Colorado, 1996
- M.S. Geological Sciences, University of Michigan, Ann Arbor, Michigan, 1985
- B.S. Geology and Business Administration, Trinity University, San Antonio, Texas, 1982

Professional Appointments

Present Position: Director, Bureau of Economic Geology, The University of Texas at Austin (January 2000 - Present). A. Present Positions:

- a. Director, Bureau of Economic Geology, The University of Texas at Austin (January 2000-present); Responsible for strategic direction setting; financial health of soft money organization with funding sourced from Federal, State, and private competitive grants and contracts; management of complex program array representing up to 100 simultaneous active contracts and 150 professional and support staff; identifying and attracting highest level research talent; identifying and leading high-level University-wide collaboration and funding opportunities.
- b. State Geologist of Texas (January 2000-present); assessment, inventory, and evaluation of Texas energy, mineral, land, and water resources; research and technical advisor to Governor's Office, Texas Legislature, and State regulatory agencies; identifying and leading high-level State-wide collaboration and funding opportunities.
- c. Major programs developed or enhanced and teams built as Director and State Geologist.
 - i. Petrobras: 2006- Helped lead program development of 3-year, \$7.5-million, multiproject research and education program in Brazil in partnership with Petrobras.
 - ii. Advanced Energy Consortium: 2004- Developed high-level industry contacts and guided process resulting in initial \$27 mm, 9-company consortium for developing advanced micro and nano-scale subsurface sensors.
 - iii. Unconventional Oil and Gas Research: Wrote proposal for original \$1.5 mm seed grant, guided research planning and led effort to attract major external support.
 - iv. FutureGen: 2005-2007 Led team for Texas that attracted \$5 mm in State Funding to the Bureau, resulted in two short listed Texas sites, caused FutureGen specific legislation to be passed and led to enhanced reputation in carbon sequestration.
 - v. Houston Research Center: Negotiated gift of \$11 mm (facility and cash) gift from BP. Developed business model and built private donation endowment and federal operational grants model resulting in a permanent \$11mm endowment.
 - vi. Carbon Management: helped initiate and develop a multi-project multimillion/year program that includes the Gulf Coast Carbon Center, SE and SW Carb partnerships, Frio brine experiments, CO2 EOR programs and FutureGen.
 - vii. STARR: 2005. Led successful effort to increase state support from \$500k/yr to \$1.5 mm/yr.
 - viii. PEMEX: 2000-2005. Developed high-level relationships leading to several million dollars of

funding and several major basin studies..

Advanced Senior Geologist, Marathon Oil--Petroleum Technology Center, Littleton, Colorado (1998 - 2000). Proposed and designed a 2-year, \$1.2 million project to characterize Seminole field for Amerada Hess Corporation, which was approved by working interest owners in Seminole. Served as project manager a seven-member integrated team. This type of company-to-company technical service was new territory for Marathon and unique within the industry.

Three-dimensional characterization of Marathon's largest carbonate reservoirs worldwide. Ongoing responsibilities included project design and management, core description, core/log integration and analysis, database construction, 3-D seismic interpretation, sequence-stratigraphic interpretation, 3-D model building, and implementation and training within regional offices. Results from these various studies helped to reduce costs by improved field management and to increase revenues by arresting field decline.

In-house consultant for exploration and reservoir-scale technical problems in carbonate settings worldwide, including North America, West Africa, and the Middle East. Met with and presented to senior management and senior technical professionals from PEMEX, Saudi ARAMCO, ADNOC, ONGC (India), and the Russian National Oil Company regarding new business development and cooperative opportunities.

Responsible for Marathon's in-house technical training in carbonates, including Sequence Stratigraphy and Characterization of Carbonate Reservoirs; Ancient Carbonate Field Seminar; 3-D Characterization Using SAS, Stratamodel, and VoxelGeo software; New Hires Seminar; and Engineering Integration. Designed, implemented, and served as mentor in a 3-year, new-hire training program.

Senior Geologist, Marathon Oil--Petroleum Technology Center, Littleton, Colorado (1995 - 1998). 3-D model construction in the offshore Gulf of Mexico Ewing Bank turbidite complex. 3-D reservoir characterization, including core description and quantification, log analysis and correlation, seismic interpretation where data available, data integration and analysis of Indian Basin field (Pennsylvanian), Howard Glasscock field (Permian), and Olson field (Permian). Description and characterization of Cretaceous carbonates in a new discovery, offshore Gabon.

Advanced Geologist, Marathon Oil--Petroleum Technology Center, Littleton, Colorado (1991 - 1995). 3-D model construction of giant West Texas Yates field, including core description and quantification (23,000 ft), log analysis and correlation (1,500 wells), data integration and analysis (100,000,000-cell database), 3-D model construction, and reservoir management. Yates is a stratigraphically complex, fractured Permian reservoir with meteoric and hydrothermal karst. 3-D modeling of Smackover Shongaloo field (Jurassic ooid shoal complex). 3-D modeling of early Permian Vacuum (Abo) reservoir.

Geologist II, Marathon Oil--Petroleum Technology Center, Littleton, Colorado (1988 - 1991). Data acquisition, core description and integration for Yates field reservoir characterization project. Development of a Geologic Core Description Worksheet.

Geologist, Union Pacific Resources, Englewood, Colorado (1985 - 1988). Hand-selected as part of a two-man technical team for regional exploration integrating log, core, petrographic, seismic, and geochemical data in Devonian carbonates of the Western Canada Sedimentary Basin and the Williston Basin. David Eby served as project mentor for the team, and this was invaluable experience in terms of regional and reservoir-scale carbonate understanding. Prospect generation in the Big Horn Basin, Wyoming.

Teaching Assistant, Introductory Geology; Research Assistant, Museum of Paleontology, University of Michigan, Ann Arbor, Michigan (1983 - 1985).

Geologist, Robert M. Sneider Exploration, Houston, Texas (1982 - 1983). Rock-log calibration

and reservoir description of a proposed San Andres waterflood, New Mexico; regional interpretation and prospect generation in East Texas basin Jurassic and Cretaceous carbonates and sands; attended several high-level strategy sessions with major partners (also worked summer 1984).

Resident Advisor, Murchison co-ed dormitory; Teaching Assistant, Structural Geology and Introductory Geology, Trinity University, San Antonio, Texas (1980 - 1982).

Professional Registrations and Certificates

American Association of Petroleum Geologists, Certified Petroleum Geologist #5403

American Institute of Petroleum Geologists, Certified Professional Geologist #10564

Certified Professional Geoscientist #1049

Theses

Lithostratigraphy and biostratigraphy of the James Limestone, Texas and Mexico, 1985

Dissertations

Reservoir-scale sequence stratigraphy: McKittrick Canyon and 3-D subsurface examples, West Texas and New Mexico, 1996

Areas of Expertise

Areas of Expertise

Building interfaces between government, industry, and academe

Carbonate sedimentology, sequence stratigraphy, 3-D reservoir modeling, and digital integration, analysis, and interpretation of diverse data types, including outcrop, core, wireline-log, seismic, and engineering data

Conceiving, designing, implementing, and managing multidisciplinary reservoir characterization programs in large hydrocarbon fields

Directing basic and applied energy and environmental research

Executive and board direction for public, private, and nonprofit organizations

Awards

Awards and Honorary Societies

AAPG Michel T. Halbouty Outstanding Leadership Award, 2016

GCAGS Don R. Boyd Medal for Excellence in Gulf Coast Geology, 2016

John T. Galey, Sr., Memorial Public Service Award, The American Institute of Professional Geologists, 2013

AAPG President-Elect, 2007 - 2008

AAPG International Distinguished Ethics Lecturer, 2005 - 2006

Association of American State Geologists, 2005 - 2006

AAPG Distinguished Service Award, 2005

Academic Keys Who's Who in Sciences Higher Education, 2004

Who's Who in Sciences Higher Education, 2004

Edwin Allday Endowed Chair in Subsurface Geology, Department of Geological Sciences, The University of Texas at Austin, 2002 - 2003

SPE/AAPG Distinguished Lecturer, Upstream technology for the coming gas economy, 2002

West Texas Geological Society, Distinguished Service Award, 2002

Marathon Achievement of Company Excellence Award, for significant contributions to reservoir characterization and understanding leading to improved development of Indian Basin field, 1999

AAPG Distinguished Lecturer, 1997 - 1998

Best paper published in Journal of Sedimentary Research, "Shelf-to-basin facies distribution and sequence stratigraphy of a steep-rimmed carbonate margin: Capitan depositional system, McKittrick Canyon, New Mexico and Texas", 1998

J. C. "Cam" Sproule Memorial Award for Best Paper published in AAPG by an author 35 years or younger at submittal, for "Building the 3-D Jigsaw Puzzle: Applications of Sequence Stratigraphy to 3-D Reservoir Modeling, Permian Basin": AAPG Bulletin (4/96), 1998

Marathon Achievement of Company Excellence Award, for significant contributions to reservoir characterization and understanding leading to improved development of Travis field, 1998

The University of Michigan: Marathon Scholar, 1985

The University of Michigan: AAPG and Sigma Xi Grants-in-Aid of Research, 1984

Trinity University: Phi Beta Kappa; Who's Who in American Colleges and Universities; Outstanding Young Men of America; Top Geology Graduate; Wall Street Journal Award for Top Business Administration Graduate, 1982

Trinity University: Mortar Board; Blue Key; Sigma Gamma Epsilon (President); Sigma Iota Epsilon; Alpha Lambda Delta; Alpha Chi; Sigma Mu Epsilon, 1981

Trinity University: South Texas Geologic Society Scholarship and San Antonio Gem and Mineral Society Scholarship, 1980

Trinity University: Charter Member and Second President of Omega Phi Fraternity, 1979

Cypress Fairbanks Senior High School: Summa Cum Laude (7th of 700), Class President Junior and Senior Years, 4-Year Tennis and Band Letters, Bobcat Brass Jazz Band, National Honor Society, Student Intern for Bill Archer in Washington D.C., 1978

Trinity University: President's Scholarship (4-year); Jesse Jones Scholarship (4-year), 1978

Service

External Committees Participation

Member, Appointment by Governor of Texas, Interstate Oil and Gas Compact Commission, 2007 - present

Member, Technical Advisory Council, BP, 2007 - present

Member, Appointment by Secretary of Energy, National Petroleum Council, 2006 - present

Member, Advisory Board, Indiana University Geologic Field Station, 2006 - present

Member, Board of Advisors, DRM, 2006 - present

Member, Search Committee for Carbonate Chair, Department of Geological Sciences, The University of Texas at Austin, 2005 - present

Member, House of Delegates, American Association of Petroleum Geologists, 2004 - present

Member, Permian Basin Section, SEPM (Society for Sedimentary Geology), 2004 - present

Member,

Search Committee for Sedimentary Geologist, Department of Geological Sciences, The

University of Texas at Austin, 2003 - present

Member, Board of Advisors, iReservoir.com, 2002 - present

Foundation Trustee, American Geological Institute Foundation, 2001 - present

Member, American Institute of Professional Geologists, 2001 - present

Member, Budget Council, Department of Geological Sciences, The University of Texas at Austin, 2001 - present

Member, Earth Science Education Committee, Association of American State Geologists, 2001 - present

Member, Executive Council, John A. and Katherine G. Jackson School of Geosciences, The University of Texas at Austin, 2001 - present

Member, Graduate Studies Committee, Department of Geological Sciences, The University of Texas at Austin, 2001 - present

Member, Oil Field Cleanup Fund Advisory Committee, appointed by Lieutenant Governor Bill Ratliff, State of Texas, 2001 - present

Director, Texas Regional Lead Organization, Petroleum Technology Transfer Council, 2000 - present

Member, Association of American State Geologists, 2000 - present

Member, Austin Geological Society, 2000 - present

Member, Board of Visitors, Trinity University, 2000 - present

Member, Core and Sample Preservation Committee, American Association of Petroleum Geologists, 2000 - present

Member, Energy and Mineral Policy Committee, Association of American State Geologists, 2000 - present

Member, Society of Exploration Geophysicists, 2000 - present

Member, U.S. Potential Gas Committee, Association of American State Geologists, 2000 - present

Member, University Advisory Board, CLEER (Center for Legislative Energy and Environmental Research), 2000 - present

Member, Gulf Coast Association of Geological Societies, 1999 - present

Member, Rocky Mountain Association of Geologists, 1997 - present

Member, West Texas Geological Society, 1993 - present

Member, SEPM (Society for Sedimentary Geologists), 1984 - present

Member, American Association of Petroleum Geologists, 1982 - present

Member, Society of Petroleum Engineers, 1982 - present

President Elect, Gulf Coast Association of Geological Societies, 2011

Member, Department of Geological Sciences Alumni Advisory Board, University of Michigan, 2006 - 2011

Chairman, Advisory Council, American Association of Petroleum Geologists, 2009 - 2010

Senate Appropriations Subcommittee on Interior, Environment, and Related Agencies, Written testimony on U.S. Geological Survey program.

Texas Senate Energy Briefing, Global Energy and Carbon Sequestration.

Texas Senate Energy Briefing, Global Energy and Carbon Sequestration.

U.S House of Representatives, , March 27, 2009..

Member, Research Partnership to Secure Energy for America, 2007 - 2009

Member, Board on Energy and Environmental Systems, The National Academies, National Research Council, 2003 - 2009

Co-Moderator, Climate Change and Environment Panel, Kuala Lumpur, Malaysia, IPTCDecember 3,, 2008

Chair, Data Preservation Committee, American Association of Petroleum Geologists, 2008

Letter to President-Elect Barack Obama, Important considerations for U.S. Energy Policy,.

Testimony presented at the Blue Dog briefings, Energy myths and realities.

Testimony presented to Texas House Energy Committee Hearing, Energy & CO2: Texas' role in regulation of carbon injection.

Testimony presented to the Senate Republican Conference Forum, Fossil fuels and carbon sequestration.

Testimony presented to the Texas House Carbon Management Caucus, Carbon sequestration in Texas fossil fuels, alternatives, carbon sequestration and the economy: challenges and opportunities.

Chair, Budget Review & Finance Committee, American Association of Petroleum Geologists, 2007 - 2008

Member, Audit Committee, American Association of Petroleum Geologists, 2007 - 2008

Member, House of Delegates (AAPG), Austin Geological Society, 2007 - 2008

Past President, Association of American State Geologists, 2007 - 2008

President, American Association of Petroleum Geologists, 2007 - 2008

Member, SPE Primer Committee, Society of Petroleum Engineers, 2003 - 2008

Member, Producer Advisory Group, Petroleum Technology Transfer Council, 2000 - 2008

Panel Chair, Latin American Forum, Energy and Environment Trade Offs, Consequences, and Options, Jackson School of GeosciencesOctober 1,, 2007

Testimony presented at Texas House Energy Committee Hearing, FutureGen Texas.

Testimony presented to Texas House Energy Resource Committee, The Energy, Economy, Environment Waltz with a Special Look at Texas.

Member, Board of Directors, Brigham Exploration, 2007

Chair, Tactical Operation Committee III, American Association of Petroleum Geologists, 2006 - 2007

Member, Budget Review & Finance Committee, American Association of Petroleum Geologists, 2006 - 2007

President, Association of American State Geologists, 2006 - 2007

Presidential Candidate, American Association of Petroleum Geologists, 2006 - 2007

Director, Team, FutureGen Texas, 2005 - 2007

Leader, Advisory Board, FutureGen Texas, 2005 - 2007

Leader, Management Team, FutureGen Texas, 2005 - 2007

Member, Executive Committee, Association of American State Geologists, 2004 - 2007

Member, Earth Science Education Committee, Association of American State Geologists, 2001 - 2007

Invited testimony presented to Committee of the Whole of the Texas State Board of Education, Austin, Texas.

Board Member, Quantum Technology Services, Inc., 2006

Member, Board of Advisors, Quantum Technology Services, Inc., 2006

Member, Department of Geosciences Advisory Board, University of Michigan, 2006

President Elect, Association of American State Geologists, 2005 - 2006

Member, Search Committee for Energy and Mineral Resources Director Subcommittee on AASG Energy/Oil & Gas Legislation, Association of American State Geologists, 2001 - 2006

Member, Liaison Committee, Association of American State Geologists, 2000 - 2006

Field Seminar Subcommittee Chairman, Education Committee, American Association of Petroleum Geologists, 1999 - 2006

Developing People: Education, Training, and Cultural Diversity, Invited Panelist at First International Petroleum Technology Conference and Exhibition, sponsored by AAPG, EAGE, SEG, SPE, Doha, Qatar.

Written proposal submitted to U.S. Senate, Increasing Domestic Natural Gas Supply: How Can We Increase Domestic Supplies from Onshore and Offshore Resources.

Center for International Energy and Environmental Policy (CIEEP), The University of Texas at Austin, 2005

Chairman, Future Global Oil Supply/Demand Balance: Workshop on Trends in Oil Supply and Demand and Potential for Peaking of Conventional Oil Production, The National Academies, National Research Council, 2005

Ex-Officio Member, Advisory Board, American Association of Petroleum Geologists, 2005

Lead Member, Advanced Energy Consortium Formation, Texas Technology Initiative, State of Texas, 2005

Liaison, Texas Technology Initiative, The University of Texas at Austin, 2005

Member, Committee to Implement the AASG/USGS MOU, Association of American State Geologists, 2005

Member, Permanence Subcommittee, Petroleum Technology Transfer Council, 2005

Member, Planning Group for Workshop on Issues Related to Peaking of Global Oil Production, The National Academies, National Research Council, 2005

Member, Search Committee for Energy and Mineral Resources Director, Department of Geological Sciences, The University of Texas at Austin, 2005

Member, State Strategy on Advanced Technology, Texas Technology Initiative, State of Texas, 2005

Member, Strategic Planning Council, John A. and Katherine G. Jackson School of Geosciences, The University of Texas at Austin, Austin, Texas, 2005

Member, Texas Energy Cluster, State Strategy on Advanced Technology, State of Texas, 2005

Member, Texas Energy Cluster Technology Working Group, State Strategy on Advanced Technology, State of Texas, 2005

Panelist, Developing People: Education, Training, and Cultural Diversity, International Petroleum Technology Conference and Exhibition, sponsored by AAPG, EAGE, SEG, and SPE, 2005

Panelist, High Oil Prices, Discussion hosted by economics professors at The University of Texas at Austin, 2005

Session Chair, Future Global Oil Supply/Demand Balance, National Research Council Workshop on Trends in Oil Supply and Demand and Potential for Peaking of Conventional Oil Production, 2005

Chair, Chancellor's Committee for Sandia National Lab Collaboration, The University of Texas at Austin, 2004 - 2005

Member, Future Collaboration Advisory Committee, Jackson School of Geosciences and College of Engineering, The University of Texas at Austin, 2004 - 2005

Member, Jackson School of Geosciences and College of Engineering Future Collaboration Advisory Committee, John A. and Katherine G. Jackson School of Geosciences, The University of Texas at Austin, Austin, Texas, 2004 - 2005

Member, State Strategy on Advanced Technology, State of Texas, 2004 - 2005

Vice President, Association of American State Geologists, 2004 - 2005

Member, Steering Committee, John A. and Katherine G. Jackson School of Geosciences, The University of Texas at Austin, Austin, Texas, 2001 - 2005

Invited testimony presented to Committee of the Whole of the Texas State Board of Education, Austin, Texas.

Written testimony submitted to the House Committee on Appropriations, Subcommittee for Interior and Related Agencies for FY 2005 Budget.

Advisor, Energy Planning Council, State of Texas, 2004

Alternate, Geological Society of America Affiliated Societies, Association of American State Geologists, 2004

Co-Chair, Forum on the Future of Global Energy: Technical, Environmental, Economic, and Policy Issues (DEG/SEPM/EMD), 2004 American Association of Petroleum Geologists Annual Meeting, 2004

Member, Ad Hoc Committee for Annual Meeting Planning, SEPM (Society for Sedimentary Geology), 2004

Member, Awards Committee, Subcommittee on Pick and Gavel Awards, Association of American State Geologists, 2004

Member, Booth Committee, Association of American State Geologists, 2004

Session Chair, Annual Meeting, American Association of Petroleum Geologists, 2004

Vice Chair for SEPM, American Association of Petroleum Geologists Annual Meeting, 2004

Member, Advisory Committee, Service to Society Committee of the Commission of 125, The University of Texas at Austin, Austin, Texas, December, 2002 - 2003

Member, Geological Society of America, 2003

Member, Lead for USGS Central States Cluster, Association of American State Geologists, 2003

Distinguished Lecturer, Society of Petroleum Engineers, 2002 - 2003

President, Austin Geological Society, 2002 - 2003

Chairman, Energy and Mineral Policy Committee, Association of American State Geologists,

2002

Technical Program Chairman, Steering Committee, Gulf Coast Association of Geological Societies Annual Convention, Austin, Texas, 2002

United States Geological Survey, external member of panel to select Chief Energy Scientist, Central Region.

President-elect, Austin Geological Society, 2001 - 2002

Member, Dean's Committee on the Formation of the Jackson School of Geosciences, The University of Texas at Austin, 2001

Member, International Committee, APPEX (Property and Prospect Exposition), 2001

Member, Organizing Committee, APPEX (Property and Prospect Exposition), 2001

Member, Vice President's Committee on ACES Energy Proposal, The University of Texas at Austin, 2001

National Research Council/National Academy of Engineering Energy Symposium, Washington, D.C., Invited panelist on resource usage, October.

Session Chair, Annual Meeting, American Association of Petroleum Geologists, 2001

Subcommittee on Energy, Committee on Science, House of Representatives, Hearing on Fiscal Year 2002 Budget Authorization Request for U.S. Department of Energy, Washington, Invited testimony, April.

Texas Energy Coordination Council on behalf of Texas Senate Natural Resources Committee, Austin, Texas (with W. L. Fisher), The future of the Texas oil and gas industry, April.

Texas House of Representatives, Energy Resource Committee, Austin, Texas, Invited resource witness, March.

U.S. Department of Energy Public Hearings on Oil and Natural Gas Technology: Securing the Nation's Energy Future, Strategic Review of the DOE Oil and Gas Programs, Denver, Colorado, Invited testimony, August.

Member, Faculty Review Committee, The University of Texas at Austin, Department of Geological Sciences, Austin, Texas, 2000 - 2001

Field Trip Leader, WTGS/AAPG Southwest Section, Carlsbad, New Mexico, February-March, West Texas Geological Society, 2000

Member, Coastal Processes Committee, Association of American State Geologists, 2000

Member, Continental Margins Committee, Association of American State Geologists, 2000

Texas Energy Coordination Council Hearings, Austin, Texas, Invited testimony, April.

Field Seminar Leader, American Association of Petroleum Geologists, 1998 - 2000

Short Course Instructor, SEPM (Society for Sedimentary Geologists), 1999

Technical Session Judge, Annual Meeting, American Association of Petroleum Geologists, 1999

Associate Editor, AAPG Bulletin, American Association of Petroleum Geologists, 1997 - 1999

Session Chair, SPE/SEG Forum, Society of Exploration Geophysicists, 1998

Distinguished Lecturer, American Association of Petroleum Geologists, 1997 - 1998

Short Course Instructor, SEPM (Society for Sedimentary Geologists), 1997

Member, Client Advisory Board (3 years), Schlumberger Doll Research, 1996

Technical Session Judge, Annual Meeting, American Association of Petroleum Geologists, 1996

Session Chair, Annual Meeting, American Association of Petroleum Geologists, 1994

Member, Development Geology and Geophysics Committee, Society of Petroleum Engineers, 1992 - 1994

Session Chair, Annual Meeting in Washington, D.C., Society of Petroleum Engineers, 1993

Technical Session Judge, Annual Meeting, American Association of Petroleum Geologists, 1993

Published Interviews

Moscardelli, L., and Tinker, S. W., 2022, Investment and Security: An interview by the Switch Energy Alliance

<https://www.youtube.com/watch?v=AdrH99kYfsU>

Percival, Pamela, and Tinker, S. W., 2008, Texas may prosper by courting carbon storage, in Fort Worth Basin Oil & Gas Magazine, p. 22-28. [Article in which Tinker is heavily quoted.]

Tinker, S. W., 2008, Analysts see upsides in DOE's dumping of FutureGen: Greenwire, February 7 (Jenny Mandel) [article in which Tinker is heavily quoted]

Tinker, S. W., 2008, Dallas County Community College, interview for geology online course, Physical Geology.

Tinker, S. W., 2008, Geoscience Industry Opportunities: GSA Geosciences video, Boulder, CO, June 9.

Tinker, S. W., 2008, Speaker dispels energy myths with realities: Abilene Reporter, February 26 (Loretta Fulton) [article in which Tinker is heavily quoted]

Tinker, S. W., 2008, UT Chancellor's Council Meeting, Live Interview on U.S. Energy, Austin, Texas, May 2.

Tinker, S. W., 2007, Climate change: get used to it: Helena Independent Record, p. 1C Saturday, January 27 [article in which Tinker is heavily quoted].

Tinker, S. W., 2007, Market forces finally realized, the point - FutureGen alliance acknowledges economic impact byproduct of facility could provide: Odessa American, Odessa, TX, August 7, p. 4, [article in which Tinker is heavily quoted].

Tinker, S. W., 2007, Odessa has tremendous chance for FutureGen: Midland Reporter-Telegram, v. 79, no. 147, p. 1, Saturday, August 4 [article in which Tinker is heavily quoted].

Tinker, S. W., 2007, Quest for FutureGen heats up: Odessa American, Wednesday, May 16 [article in which Tinker is heavily quoted].

Tinker, S. W., 2007, Texas courts FutureGen, by April Avison, The Eagle, Bryan/College station, TX, September 5 [article in which Tinker is heavily quoted].

Tinker, S. W., 2007, Texas' FutureGen offer: \$1 billion: Odessa American, p. 1, Saturday, August 4, 2007 [article in which Tinker is heavily quoted].

Abilene Reporter-News, and Tinker, S. W., 2006, Ten years later--independent operators set the pace in Texas production: September 24, 2006, p. 7 [article in which Tinker is heavily quoted].

Durham, L. S., and Tinker, S. W., 2006, Texas to submit two FutureGen proposals: Quarterly Report, v. II, no 1, p. 1, 3 [summary of FutureGen Texas' effort to prepare proposals under Tinker's leadership].

Modisett, Bill, and Tinker, S. W., 2006, Professionals hear pros, cons of FutureGen sites: Odessa American, December 6, 2006 [article in which Tinker is heavily quoted].

Sever, Megan, 2006, Turmoil in Latin America: Geotimes, v. 51, no. 3, p. 44 [comments from

Tinker concerning Bolivian government's resistance to development of its oil and gas resources by foreign companies].

Sever, Megan, and Tinker, S. W., 2006, A story to be told--and sold, talent: sought and valued: AAPG Explorer, v. 27, no. 4, p. 39, 43 [summary of Tinker's ideas on the increasing need for trained geoscience professionals].

Beshur, Alison, 2005, Gasification plant possible: Corpus Christi Caller-Times, October 7 [summary of presentation made by Tinker about requirements for a federally proposed coal gasification power plant]

Brown, David, and Tinker, S. W., 2005, Ethics: "It's about you and me": Tinker takes common sense approach: an interview with Director Scott Tinker: AAPG Explorer, p. 20-21.

Seale, Avrel, and Tinker, S. W., 2005, How long do we have?: The Alcalde, v. 93, no. 6, p. 40-45 [Special report on peaking world oil production drawing on Tinker's expertise in geology; extensive quotes from Tinker].

Brown, David, and Tinker, S. W., 2004, The Bureau of Economic Geology: an interview with Director Scott Tinker and staff and a new Houston Research Center: Houston Geological Society Bulletin, February, p. 37-45.

Brown, David, and Tinker, Scott, 2004, U.S. oil research funding clouded: AAPG Explorer, v. 25, no. 9, p. 24-25 [feature on the need for Federal funding of oil and gas research; extensive quotations from Tinker].

Shirley, Kathy, and Tinker, S. W., 2004, Methane a step toward the future: AAPG Explorer, v. 25, no. 4, p. 38 [feature on AAPG Forum on The Future of Global Energy--Technical, Environment, Economic, and Policy Issues, co-chaired by Tinker].

Shirley, Kathy, and Tinker, S. W., 2002, Gas faces unconventional future: AAPG Explorer, v. 23, no. 5, p. 12-15 [feature on Tinker's vision of upstream technology for natural gas economy; extensive quotations from Tinker].

Brown, David, and Tinker, S. W., 2001, Industry R&D in a depression: American Association of Petroleum Geologists Explorer, v. 22, no. 7, p. 8-9, 19-20 [feature on Tinker's vision of energy-related R&D; author says Tinker could be "the industry's leading forward-thinker on oil and gas research"; extensive quotations from Tinker].

Outreach Activities

The Barnett Shale: NBC production, Dallas, Texas, Summer 2008.

The role of geology in society: Dallas Community College, Austin, Texas, Summer 2008.

Geoscience industry opportunities: GSA Geosciences Video, Boulder, Colorado, 2008.

Teaching and Advising

University Courses Taught

Reservoir geology and advanced recovery (Geology 383R) (with William L. Fisher): The University of Texas at Austin, Department of Geological Sciences, Austin, Texas, October 2003.

Reservoir geology and advanced recovery (Geology 383R) (with William L. Fisher): The University of Texas at Austin, Department of Geological Sciences, Austin, Texas, October 2002.

Reservoir geology and advanced recovery (Geology 383R): The University of Texas at Austin, Department of Geological Sciences (with William L. Fisher), Austin, Texas, October 2001.

Reservoir geology and advanced recovery (Geology 383R): The University of Texas at Austin, Department of Geological Sciences (with William L. Fisher), Austin, Texas, October 2000.

Continuing Education Courses Taught

Chairman, U.S. natural gas demand and supply projections: a workshop: sponsored by the National Research Council of the National Academies, Washington, D.C., April 21-22, 2003.

Carbonate sequence stratigraphy: outcrop and subsurface seminar: presented at American Association of Petroleum Geologists Field Seminar, , New Mexico and Texas, April 2003.

Interpreting 3-D carbonate stratigraphy using 1-D data: 1-1/2-day short course presented at Permian Basin Graduate Center, Midland, Texas, August 2002.

Carbonate sequence stratigraphy and reservoir characterization: concepts and applications: 2-day short course presented (with Charlie Kerans) to BEG staff, Austin, Texas, May 23-24, 2002.

Carbonate Sequence Stratigraphy and Reservoir Characterization: Concepts and Applications: 4-day short course presented to PEMEX staff (with Charles Kerans), Poza Rica, Mexico, February 10-14, 2002.

Interpreting 3-D carbonate stratigraphy using 1-D data: Short Course: Permian Basin Graduate Center, Midland, Texas, August 2001.

Basic petroleum geology: presented at Basic Oil and Gas Geology and Technology for Lawyers and Other Non-Technical Personnel, co-sponsored by the Rocky Mountain Mineral Law Foundation and the Oil, Gas & Mineral Law Section of the State Bar of Texas, Houston, Texas, March 2001.

Carbonate sequence stratigraphy and reservoir modeling: American Association of Petroleum Geologists 6-Day Field Seminar, San Antonio September 2000.

Carbonate Sequence Stratigraphy and 3-D Modeling: Colorado School of Mines Seminar and Computer Demonstration, September 1999.

Carbonate Sequence Stratigraphy and 3-D Modeling: University of Colorado Seminar, May 1999.

Sequence Stratigraphy and Characterization of Carbonate Reservoirs: SEPM Short Course No. 40 (3-day), April 1999.

VoxelGeo and TDROVQC: Marathon Oil 2-Day Seminar, April 1999.

3-D Reservoir Modeling: Marathon Oil 5-Day Seminar, February 1999.

Reservoir Characterization: University of Colorado 1-Day Seminar, November 1998.

New Techniques and Concepts: Marathon Oil 5-Day School, October 1998.

Process Approach to Sequence Stratigraphic Reservoir Construction: AAPG 6-Day Field Seminar, October 1998.

Carbonate Sequence Stratigraphy: Colorado School of Mines Evening Seminar, March 1998.

Carbonate Sequence Stratigraphy: University of Colorado 1-Day Seminar, November 1997.

Current Technology and Processes: AAPG 3-Day Short Course, April 1997.

Sequence Stratigraphy and Characterization of Carbonate Reservoirs: SEPM Short Course No. 40, April 1997.

Sequence Stratigraphy and Characterization of Carbonate Reservoirs: Marathon Oil 3-Day Short Course, March 1997.

Reservoir Characterization of a Permian Giant: Yates Field, West Texas: SEPM Short Course No. 34 on Hydrocarbon Reservoir Characterization, Geologic Framework, and Flow Unit Modeling, March 1995.

Carbonate Reservoir Characterization, Guadalupe and Sacramento Mountains: Joint Marathon Oil/UPRC 6-Day Field Seminar, October 1994.

Applied Reservoir Characterization: Marathon Oil 5-Day Short Course, October 1993.

Sequence Stratigraphy: Marathon Oil 10-Day Field and Lecture Seminar, October 1993.

Sequence Stratigraphy: presented at Marathon Oil 10-Day Field and Lecture Seminar, September 1993.

Student Committee Participation

Member, Thesis Committee, Muyiwa Adedji, , M.A., 2008

Member, Thesis Committee, Ted Playton, , Ph.D., 2008

Member, Dissertation Committee, Ned Frost, , Ph.D., 2007

Member, Thesis Committee, Sam Scott, , M.S., 2007

Member, Thesis Committee, Ryan Phelps, , M.S., 2006

Member, Thesis Committee, Nysha Chaderton, , M.S., 2005

Member, Dissertation Committee, Cem Kilic, , 2004

Member, Thesis Committee, Jesse Kimball, , M.A., 2004

Member, Thesis Committee, Kristine Mize, , M.S., 2004

Member, Thesis Committee, Claudia Rassi, , M.S., 2002

Member, Thesis Committee, Marel Sanchez, , M.S., 2001

Member, Thesis Committee, Tina Foster, , M.S., 2001

Presentations

Invited Presentations

Cheap, Reliable, and Clean: presented to TOWER Fellows Program, Keynote, Austin, Texas, November 30, 2021.

Nuclear Energy and Climate Strategy: presented at The University of North Carolina (UNC) Kenan-Flagler Energy Center Conference, Convener and Moderator, Research Triangle, North Carolina, November 18, 2021.

Widening the Energy Aperture: presented at Stericycle board meeting, Keynote, Bannockburn, Illinois, November 16, 2021.

98.3 KXDJ Radio live interview with host Chris Samples: presented at Interview, Austin, Texas, November 11, 2021.

From Poverty to Prosperity: The Real Energy Transition: presented at The Houston Seminar, Lecture, virtual, November 10, 2021.

Molecules, Electrons and the Future of Energy: presented at HollyFrontier Corporation Sinclair Board meeting, Keynote, Dallas, Texas, November 9, 2021.

Natural Gas: Climate Hero or Goat?: presented at North American Gas Forum (NAGF), Keynote, Washington, D.C., November 9, 2021.

A Truly Clean Energy Transition: presented at GeoGulf2021, Keynote, Austin, Texas, October 29, 2021.

The Many Faces of Energy Transition: presented at bigBANG! '21 "The New Economy: Healing Our Divides", Keynote, Dallas, Texas, October 28, 2021.

Widening the Energy Aperture: presented at Titans 8, Lecture, Austin, Texas, October 27, 2021.

Reframing the Global Energy Conversation: presented at Advanced Energy Consortium (AEC) Board of Management (BoM) meeting, Virtual, October 26, 2021.

The Coming Energy Decade and the Role of Geoscientists: presented at International Association of Geophysical Contractors (IAGC) 50th Anniversary Annual Conference, "Years of Energy Transformation", Keynote, Houston, Texas, October 20, 2021.

Just What Is An Energy Transition?: presented at Joint IPAA/HPF (Independent Petroleum Association of America/Houston Producers Forum) Conference, Keynote, Houston, Texas, October 19, 2021.

Cheap, Reliable, and Clean: ESG and NZE Context and Reality: presented at Enverus SPARK Conference, virtual Keynote, October 13, 2021.

The Coming Energy Decade and the Role of Oil and Gas: presented at Phillips 66 Board Executive Leadership Meeting, Keynote, Scottsdale, Arizona, October 8, 2021.

The Coming Energy Decade and the Role for Geoscientists: presented at 2021 Eastern Section AAPG 50th Annual Meeting, Luncheon Keynote, Pittsburgh, Pennsylvania, October 5, 2021.

The Coming Energy Decade and the Role for Geoscientists: presented at AAPG Mid-Continent Section Meeting 2021, All-Convention Luncheon Keynote, Tulsa, Oklahoma, October 4, 2021.

The Energy Future: presented to Energy Workforce & Technology Council, Keynote, Houston, Texas, October 1, 2021.

Fireside Chat on Energy Transition with Britt Harris: Austin, Texas, September 30, 2021.

Cheap, Reliable and Clean: The Role of Natural Gas: presented at GPA Midstream Association 2021 Convention, Breakfast Keynote, San Antonio, Texas, September 28, 2021.

Making Sense of the Energy Transition: presented at Telluride Foundation "2021 Open Minds" Energy Retreat, Keynote, Telluride, Colorado, September 25, 2021.

From Poverty to Prosperity: The Real Energy Transition: presented at DGGV (German Geological Association) Annual Meeting, Geokarlsruhe 2021 "Sustainable Earth - from processes to resources", virtual Plenary Keynote, September 20, 2021.

An Energy-Educated Future: presented at The Texas Lyceum's Q3 meeting, "Power Hungry: The Science, Economics and Politics of Energy in Texas", Keynote, Midland, Texas, September 10, 2021.

The Role of Oil and Gas in the Global Energy Transition: presented at Kayne Capital Virtual Annual Investor Conference, virtual Keynote, September 9, 2021.

Technology Overview: Carbon Capture, Hydrogen: presented to Sempra Board, virtual Keynote, September 1, 2021.

Four Million Miles: presented at Bureau of Economic Geology Summer Seminar Series, virtual Luncheon Talk, August 27, 2021.

Cheap, Reliable, and Clean: presented at Sinclair Distributors Conference, Keynote, Sun Valley, Utah, August 23, 2021.

The Wild World of Energy: What's a Student to Think?: presented at Society of Exploration Geophysicists (SEG) EVOLVE, virtual Keynote, August 20, 2021.

Discussion and Q&A: presented to Mickey Leland Environmental Internship Program (MLEIP), virtual Podcast, July 28, 2021.

Discussion on Global Natural Gas as Poverty: presented at Energy Dialogues Collaborative Podcast, July 28, 2021.

The Real Global Energy Transition: From Poverty to Prosperity: presented at 2021 Unconventional Resource Technology Conference (URTeC), Opening Plenary Panel Session Keynote, Houston, Texas, July 26, 2021.

Cheap, Reliable, and Clean: presented at Oxy Early Career Network (ECN) event, virtual

Keynote, July 15, 2021.

ESG and the Global Energy Poverty Transition: presented to International Association of Oil & Gas Producers (IOGP) Energy Workforce of the Future, virtual Keynote, July 1, 2021.

GPA Midstream Interview with White Lion/Hahn Public and Scott Tinker: virtual Interview, July 1, 2021.

The Post-Covid Energy Scene: presented to Crescent Point Energy, virtual Keynote, June 23, 2021.

Dialog with Ernie Moniz on Electricity Future: presented at National Rural Utilities Cooperative Finance Corporation (CFC) Summer Summit, San Antonio, Texas, June 16, 2021.

Is the Oil and Gas Industry Part of a Net Zero Emissions Future?: presented at Australian Petroleum Production & Exploration Association (APPEA) Conference and Exhibition Plenary Session 3, virtual panel, June 15, 2021.

A Conversation about Energy, the Environment, and the Economy: presented at UGI Energy Services Board Meeting, virtual Keynote, June 8, 2021.

The Role of Natural Gas in the Global Energy Future: presented at Turkish Petroleum Corp International Scientific Congress on Offshore Petroleum Exploration: Black Sea (ISCOPE: Black Sea), virtual keynote, June 1, 2021.

The Role of U.S. Oil and Gas in the Global Energy Transition: presented to Marathon Oil Corporation, Keynote, May 25, 2021.

Fireside Chat: Making Modern Life Possible - Challenging Conventional Thinking: presented to Ovintiv, live virtual discussion, May 13, 2021.

What's a Board to Think?: virtual panel, May 10, 2021.

The Wild World of Energy: presented to University of Texas Osher Lifelong Learning Institute (OLLI), virtual lecture, April 30, 2021.

ESG, 3E, CH₄, LNG, H₂, U, CO₂, CCUS, and Equity: What's a Board to Think: presented at EOG Resources Board of Directors Meeting, Keynote, Houston, Texas, April 29, 2021.

Critical Thinking for Equitable Energy: presented at KBH Energy Center Distinguished Lecture Series, virtual Keynote, April 27, 2021.

Wild World of Energy: presented at Society of Exploration Geophysicists (SEG) Board Meeting, virtual presentation to board, April 22, 2021.

Open Dialog: presented at Tudor, Pickering, Holt & Co. Close-of-Business Tuesday, virtual recording for Earth Day, April 21, 2021.

Oil & Gas Trends and Their Relation to Energy in Oman in the Coming Decades: presented at Energy Development Oman (EDO) Board Presentation, virtual Keynote, April 9, 2021.

An Analytical Look at the U.S. LNG Industry: presented to American Council for Capital Formation (ACCF) LNG Panel, virtual panel, April 6, 2021.

An Honest Conversation About Energy, the Economy, and the Environment: presented at Pennsylvania Legislative Discussion, virtual, March 23, 2021.

Critical Thinking for Equitable Energy: presented to Independent Petroleum Association of America (IPAA), virtual, March 17, 2021.

Critical Thinking for Equitable Energy: presented to Enerplus, virtual, March 10, 2021.

Electricity Planning in the Current U.S. Landscape: presented at 2021 Colorado Rural Electric Association (CREA) Annual Membership Meeting, virtual, March 9, 2021.

Natural Gas: Dim Past or Bright Future?: presented at Australian Petroleum Production &

Exploration Association (APPEA)'s Future Australia Roundtable, virtual, March 9, 2021.

Energy - Transitions In Perspective: presented at 2021 PPC (PGIM Private Capital) Virtual Spring Conference, virtual TED talk, March 2021.

Chris Bell's BDP 101: presented at Forum Seminar in Environment and Sustainability class, virtual discussion and question and answer, February 25, 2021.

Sustainability Class Lecture: presented to Elkhart High School, Elkhart, Indiana, virtual discussion and question and answer, February 18, 2021.

Switch On question and answer session: presented to Vanderbilt Energy Systems Infrastructure class, virtual, February 18, 2021.

Critical Thinking for Equitable Energy: presented to Pioneer Natural Resources, virtual keynote, February 11, 2021.

Sustainable Energy for the 21st Century: presented at The Ohio State University (OSU) Symposium on Energy Transition and Decarbonization, virtual keynote/plenary, February 11, 2021.

The Other Energy Transition, featuring Dr. Scott Tinker: presented at Decouple Podcast, virtual podcast/interview, February 10, 2021.

Equitable Energy for a Sustainable Future: presented at TOTAL, virtual keynote, January 26, 2021.

What is a Sustainable Energy Future?: presented at HEFG (Houston Energy Finance Group)/ADAM (Acquisitions, Divestitures and Mergers) joint event, virtual keynote, <https://www.beg.utexas.edu/events/what-is-a-sustainable-energy-future>, January 15, 2021.

Raising Texas' Energy IQ: Expanding Energy in Public Education: presented at Texas Public Policy Foundation (TPPF) Policy Orientation Panel on Energy Education in Texas, virtual, January 14, 2021.

Sustainable Energy for the 21st Century: presented at The Venezuelan American Petroleum Association (VAPA) meeting, virtual keynote, <https://youtu.be/RSqJ24HOWjo>, January 8, 2021.

Stable Energy in a Dynamic World: presented at AAPG Second Energy and Sustainability Virtual Summit, "Modern Challenges of Energy Sector: Globalization, Climate Change and Pandemics" session, virtual keynote, December 11, 2020.

Switch On Documentary Episodes 6-7: Building Solar Microgrids in Colombia, followed by live question and answer session with Scott Tinker: presented at AAPG Second Energy and Sustainability Summit, virtual, December 10, 2020.

Switch On question and answer session: presented to University of Michigan Society of Exploration Geophysicists (SEG) chapter, virtual, December 9, 2020.

Providing safe, reliable, affordable & environmentally responsible power in today's political climate: presented at Iowa Association of Electric Cooperatives (IAEC) Annual Meeting: Together We Power On, virtual keynote, December 3, 2020.

Switch On screening and question and answer session: presented to Colorado School of Mines, virtual, December 3, 2020.

Unraveling the Energy Narrative: presented to Texas Independent Producers & Royalty Owners Association (TIPRO), virtual keynote, December 1, 2020.

The Role of Oil and Gas in a Sustainable Energy Future: presented at Society of Independent Professional Earth Scientists (SIPES) Dallas and other chapter Lunch Meeting, virtual keynote, November 17, 2020.

What is the Greatest Challenge That We Face?: presented to PBE (Permian Basin Experience)

Podcast, virtual, November 17, 2020.

A Sustainable Energy Future: Balancing Environment, Energy, and Economy: presented at Washington University Climate Change Program (WUCCP) Speakers Series, Keynote, November 11, 2020.

Global Energy Access: presented at Petroleum Exploration Society of Great Britain (PESGB)/Geology Society of London (GSL) joint lecture, virtual, November 10, 2020.

Analyzing Switch On: A documentary discussion with filmmaker Scott Tinker, Ernest J. Moniz, and Robert Stoner: presented at MIT Energy Initiative (MITEI), virtual, November 9, 2020.

Energy movie discussion with film-maker Scott Tinker and EPI Director Kathy Araújo, Switch On screening and question and answer session: presented at Boise State University Energy Policy Institute (EPI) Power Talk, November 6, 2020.

Switch On question and answer session with Scott Tinker: presented to AAPG Student Chapters, virtual, November 5, 2020.

Unraveling the Electricity Narrative: presented at Basin Electric Power Cooperative 2020 Annual Meeting, virtual keynote, November 4, 2020.

Impact of Energy Poverty and Competition Closing: presented at Switch Energy Alliance (SEA) Case Competition, virtual, October 31, 2020.

The Role of Natural Gas in U.S. and Global Energy: presented at Archrock Board and Executive Team meeting, virtual, October 29, 2020.

Unraveling the Energy Narrative: presented at Continental Resources Board Presentation and Discussion, keynote, virtual, October 27, 2020.

What is a Sustainable Energy Future? Balancing Energy, Economy, and Environment: presented at Student Energy Regional Meeting (SERM) Annual Summit, keynote, virtual, October 26, 2020.

Switch On Q&A with Dr. Scott Tinker: presented at EarthX Energy Conference, Q&A, virtual, October 22, 2020.

Armchair Debate: Exploring Energy Access around the World with Octavio Simoes: presented at North American Gas Forum (NAGF), Switch On screening and interview, virtual, October 21, 2020.

Unraveling the Energy Narrative: presented at Eastern Section, American Association of Petroleum Geologists (AAPG) Speakers Series, keynote, virtual, https://youtu.be/dzlw9aGC8_M, October 20, 2020.

Energy Poverty and Competition Kickoff: presented at Switch Energy Alliance (SEA) Case Competition, Opening Talk and Q&A, virtual, October 17, 2020.

The Wild World of Energy: presented at Kansas Geological Society Tech Talk, keynote, virtual, October 14, 2020.

The Wild World of Energy: presented to Energy Finance Discussion Group, keynote, virtual, October 13, 2020.

A Conversation on Global Energy Access, Environmental Impacts, and the Energy Transition: presented at Texas Christian University (TCU) Kenneth W. Davis Jr. Leaders in Energy Speaker Series, moderated discussion, virtual, October 8, 2020.

Dr. Scott Tinker and Dr. Varun Rai: presented at LEO "Listening to Each Other" Seminar Series, interview with Varun Rai, virtual, October 7, 2020.

Switch On Intro, Screening, and Q&A with Dr. Scott Tinker: presented to Sandia National Laboratories, Renewable Energy Technologies, virtual, October 1, 2020.

DPA: Energy in the Twenty-First Century: presented at American Association of Petroleum Geologists Annual Convention & Exhibition (AAPG ACE) 2020, virtual, <https://www.beg.utexas.edu/files/content/beg/presentations/videos/DPA - Energy in the Twenty-First Century.mp4>, September 29, 2020.

Energy in the Twenty First Century and the Role of Hydrocarbons, Keynote: presented at American Association of Petroleum Geologists (AAPG) Annual Convention & Exhibition (ACE), virtual, September 29, 2020.

Honoring Steve Ruppel, prerecorded keynote: presented at West Texas Geological Society (WTGS) Symposium, virtual, September 23, 2020.

Switch On Q&A with Dr. Scott Tinker: presented to East Texas Geological Society (ETGS), virtual, September 23, 2020.

Global Energy Poverty: presented at The Jackson School of Geosciences Department of Geological Sciences DeFord Lecture Series, virtual, September 17, 2020.

Energy Transition and ESG (Environmental, Social, and Governance): presented to Society of Petroleum Engineers (SPE) Gulf Coast Section, presented at Business Development Webinar, virtual, September 16, 2020.

Switch On: Ending Energy Poverty and Thriving in the Energy Transition: presented to Society of Petroleum Engineers (SPE) Gulf Coast Section, presented at Business Development Webinar, virtual, September 16, 2020.

The Role of Oil and Gas in the Global Energy Transition, keynote: presented to Crescent Point Energy, virtual, September 15, 2020.

Energy Access Changes Lives, keynote: presented to University of Texas Switch Energy Club, presented at Inaugural Meeting, virtual, September 1, 2020.

Energy Poverty and a Sustainable Transition: Dilemma or Opportunity? (keynote): presented at ONS 2020 Digital Conference, virtual, https://www.youtube.com/watch?v=oPmpz_YC8Pc&feature=share, August 31, 2020.

State of Energy: Upstream/Midstream: presented to Houston Business Journal, virtual, August 27, 2020.

Q&A with Dr. Scott Tinker: presented to Energy at Environmental Defense Fund (EDF), virtual, August 25, 2020.

Digging Deeper with Scott Tinker, question and answer session: presented to American Association of Petroleum Geologists (AAPG) Energy Insights, podcast, August 20, 2020.

Q&A with Dr. Scott Tinker: presented to American Association of Petroleum Geologists (AAPG) Podcast, virtual, August 20, 2020.

Energy Poverty and Switch On: presented to Robert Bryce Power Hungry Podcast, virtual, August 18, 2020.

Switch On Q&A with Dr. Scott Tinker: presented to American Association of Petroleum Geologists (AAPG) Student Chapters in Latin America and Caribbean Region, virtual, August 5, 2020.

Energy Poverty and Access: presented to México Actúa Interview on Sustainable Energy Transitions, virtual, <https://youtu.be/HHllgU6C8mU>, July 24, 2020.

Moderated Discussion/Q&A with Michael Deal, VP, Digitalization, ExxonMobil and Dr. Scott Tinker: virtual, July 21, 2020.

Interview by Iain Stewart and Neil Evans: presented to UNESCO Geofutures Project, virtual, July 20, 2020.

Energy in the Time of COVID, keynote: presented at American Association of Petroleum Geologists (AAPG) Visiting Geoscientist Program (VGP) Super Session Webinar, virtual, July 17, 2020.

Building a Geothermal Strategy: Perspectives from the Oil Patch: presented at Geothermal Entrepreneurship Organization (GEO) Pivot2020--From Hydrocarbons To Heat, virtual, https://youtu.be/lcr-w_nCd8Y, July 13, 2020.

Q&A with Dr. Scott Tinker: presented to Parliament Hill School General Certificate of Secondary Education (GCSE) students, virtual, July 7, 2020.

Q&A with Dr. Scott Tinker: presented at Switch Energy Alliance (SEA) Teacher Advisory Council (TAC) Summer Institute, virtual, June 28, 2020.

Global Energy Poverty: presented at Bureau of Economic Geology Summer Seminar Series, virtual, June 26, 2020.

Energy in the Time of COVID, keynote: presented to Greater Houston Women's Chamber of Commerce (GHWCC), Energy Corridor Chapter, virtual, June 10, 2020.

What's Involved in an Energy Transition? Part 1: presented to Canadian Association of Petroleum Producers (CAPP) Podcast with Tonya Zelinsky, virtual, <https://podcasts.apple.com/ca/podcast/whats-involved-in-an-energy-transition/id1464003375?i=1000475983783>, May 29, 2020.

What's Involved in an Energy Transition? Part 2: presented to Canadian Association of Petroleum Producers (CAPP) Podcast with Tonya Zelinsky, virtual, <https://podcasts.apple.com/ca/podcast/whats-involved-in-an-energy-transition-part-2/id1464003375?i=1000476732318>, May 29, 2020.

Global Energy in the Time of COVID with Dr. Scott Tinker, keynote: presented at Petroleum Equipment & Services Association (PESA) Webinar, virtual, <https://pesa.quikbox.com/wl/?id=S8hn17HU1yRAthn6WQnWVVe9liUzdRnNn>, May 28, 2020.

Q&A with Dr. Scott Tinker: presented at Collegiate Peaks Forum Series (CPFS), virtual, <https://www.youtube.com/watch?v=VdAMzRCYaqQ>, May 21, 2020.

Switch On Live Q&A and Energy Discussion: presented to Texas Public Policy Foundation Life:Powered, virtual, <https://www.texaspolicy.com/multimedia/article/switch-on-live-discussion>, May 21, 2020.

Podcast with Adam Cohen: presented at Oil Intel, virtual, <https://us02web.zoom.us/j/81794029927> (inactive Zoom link), May 20, 2020.

Energy in the Time of COVID, keynote: presented at International Association of Geophysical Contractors (IAGC) Virtual Series, virtual, https://us02web.zoom.us/rec/play/tJV-dO6rrG43HdTB5gSDU6B4W465e66s2nMZ_aANzBuzU3lLMQD3MrMUMOJQJeqMISP21EMhP-jTOSUQ?autoplay=true&startTime=1589895949000, May 19, 2020.

Switch On Virtual Q&A: May 19, 2020.

C.O.B. Tuesday: presented to Tudor, Pickering, Holt & Co., virtual, <https://vimeo.com/418336719>, May 12, 2020.

Critical Thinking for a Sustainable Future: presented at International Virtual Event for Sustainable Energy Future, Keynote, <https://www.facebook.com/studentenergy.ned/videos/718947328867411/>, May 9, 2020.

Critical Thinking for a Sustainable Future: presented at International Virtual Event for Sustainable Energy Future, Keynote, <https://www.facebook.com/studentenergy.ned/videos/543614706346633/>, May 2, 2020.

A Sustainable Energy Transition: presented at ONS 2020, YouTube, <https://www.youtube.com/watch?v=Df0FNrUikpQ>, April 23, 2020.

A Sustainable Energy Transition: presented at ONS Energy Talks with Scott Tinker and Anne Ekern, virtual, <https://www.youtube.com/watch?v=Df0FNrUikpQ>, April 21, 2020.

Switch On Virtual Q&A: virtual, April 21, 2020.

A Sustainable Energy Transition, Keynote: presented at 2020 PRCI (Pipeline Research Council International) Research Exchange Meeting (REX2020), San Diego, Calif., March 3, 2020.

Considerations in the Energy Transition: Not-So-Green Energy and Its Unintended Consequences, Keynote: presented to International Association of Geophysical Contractors (IAGC), Houston, Tex., February 26, 2020.

Making Sense of the Energy Transition, Keynote: presented to Tudor, Pickering, Holt & Co., presented at CEO Coffee Discussion Series, Houston, Tex., February 20, 2020.

Making Sense of the Energy Transition, Keynote: presented at SCF Partners Investor Conference, Houston, Tex., February 19, 2020.

Seeing through the Fog into a Sustainable Energy Future, Keynote: presented at San Angelo Texas Exes Speaker Series, San Angelo, Tex., February 11, 2020.

The Myopia of a Carbon-Only Lens, Keynote: presented at NAPE (North American Prospect Expo) Summit Week, Houston, Tex., February 5, 2020.

Critical Thinking for Informed Energy Investment, Keynote: presented to Women Corporate Directors Houston Chapter, Houston, Tex., February 4, 2020.

The Global Energy Transition: Balancing Energy, the Economy, and the Environment, Keynote: presented at Enerplus Board Meeting, Calgary, Alta., Canada, January 30, 2020.

The Role of Natural Gas in the Global Electricity Future, Keynote: presented to Power South Energy Cooperative, presented at 2020 Trustee Update, Miramar Beach, Fla., January 23, 2020.

The Role of Natural Gas in the Energy Transition, Keynote: presented at Archrock sales management conference, San Antonio, Tex., January 20, 2020.

Making Sense of the Energy Transition, Keynote: presented to Shell Science Council, presented at Lunch & Learn, Houston, Tex., January 19, 2020.

Energy Think Tank Plenary Session: Navigating the Global Dynamic Energy Scene: presented at International Petroleum Technology Conference (IPTC 2020), Invited Plenary, Dhahran, Saudi Arabia, January 13, 2020.

The Role of Oil and Gas in a Sustainable Energy Transition: presented at Apache Corporation Board Meeting, Keynote, Houston, Tex., December 19, 2019.

The Myopia of a Carbon-Only Lens: presented to Irish Centre for Research in Applied Geosciences (iCRAG), presented at iCRAG 2019: Resources for a Sustainable Future, Keynote, Austin, Tex., December 2, 2019.

The Political Paradox of a Sustainable Energy Transition: presented at At the Crossroads: Energy & Environment Summit, Keynote, Washington, D.C., November 19, 2019.

Switch On and Energy Demand: presented at KBH Symposium, Austin, Texas, November 8, 2019.

The Role of Natural Gas and Coal in the Future Electricity Mix: presented at Oregon Rural Electric Cooperative Association (ORECA) Annual Meeting, Salem, Oregon, November 6, 2019.

The Role of Natural Gas and Coal in the Future Electricity Mix: presented at PREA (Pennsylvania Rural Electric Association)/Allegheny Electric Cooperative, Inc. Annual Meeting,

Harrisburg, Pennsylvania, October 31, 2019.

Climate, Poverty, Politics and the Energy Transition: presented at Shale Insight - A Shale Coalition Conference, Pittsburgh, Pennsylvania, October 24, 2019.

The Global Picture of Natural Gas: presented at North American Gas Forum, Washington, DC, October 22, 2019.

The Role of Natural Gas in the Global Energy Future: presented to Range Resources Employee meeting, Pittsburgh, Pennsylvania, October 22, 2019.

Optimizing Energy Resources to End Energy Poverty and Minimize Environmental Impacts: presented to The Oklahoma Academy "Oklahoma Energy: Optimizing Our Resources for the Future", Thackerville, Oklahoma, October 20, 2019.

Feed Your Brain: presented at 3E Energy Research Symposium, Austin, Texas, October 18, 2019.

West Texas: Global Impact, National Ignorance: presented to West Texas Geological Society (WTGS), Midland, Texas, September 25, 2019.

Switch is Back! Energy Poverty, the Energy Transition, and Modern Energy Education: presented at GSA Annual Meeting "Feed Your Brain" session, Phoenix, Arizona, September 23, 2019.

Climate, Poverty and Realistic Energy Solutions: presented to SEG19 Applied Science Education Program, San Antonio, Texas, September 17, 2019.

The Future of Natural Gas: presented at Range Resources Board Meeting, Fort Worth, Texas, September 16, 2019.

Critical Thinking for Informed Energy Investment: presented to Archrock Senior Leadership Team Meeting, Houston, Texas, September 11, 2019.

Sustainable Energy Transitions: presented to WFEC (Western Farmers Electric Cooperative) Emerging Technology Conference, Oklahoma City, Oklahoma, September 10, 2019.

The Energy Transition Triad: presented at American Association of Petroleum Geologists International Conference & Exhibition (AAPG ICE 2019), Buenos Aires, Argentina, August 28, 2019.

The Role of Natural Gas and Coal in the Global Electricity Mix: presented at Minnesota Rural Electric Association (MREA) 24th Annual Energy Issues Summit, St. Cloud, Minnesota, July 31, 2019.

The Impact of the Permian Basin on the Global Energy Future: presented at NARO (National Association of Royalty Owners) Texas 2019 Convention, Austin, Texas, July 21, 2019.

Energy: Critical Thinking: presented to Apache, Houston, Texas, July 20, 2019.

The Energy Transition Triumvirate: presented at 2019 Energy Disruptors Summit, Kohler, Wisconsin, June 20, 2019.

Poverty and Climate: An Objective Look at the Global Energy Transition, Keynote: presented at Advanced Placement Environmental Science (APES) event, Keynote, Cincinnati, Ohio, June 4, 2019.

Poverty and Climate: An Objective Look at the Global Energy Transition,: presented at Power South 2019 EMPOWER Energy Education Workshop, Luncheon Keynote, Miramar Beach, Florida, June 3, 2019.

The Role of Oil and Gas in the Global Energy Future: presented at BHP Conference, Keynote, Houston, Texas, May 30, 2019.

Poverty and Climate: An Objective Look at the Global Energy Transition: presented at Apache,

Keynote, Houston, Texas, May 29, 2019.

Poverty, Carbon, and the Role of Natural Gas: presented at AIPN (Association of International Petroleum Negotiators) 2019 International Petroleum Summit (IPS) 2019 Boulos Lecture Series, Keynote, Houston, Texas, May 23, 2019.

Energy Poverty and the Developed World, Canada, May 22, 2019: presented at PricewaterhouseCoopers (PwC) Energy Visions 2019 Business Forum, Keynote, Calgary, Alberta, May 22, 2019.

OTC's Golden Anniversary Opening Session: The Next 50 Years of Offshore Developments: presented at 2019 Offshore Technology Conference (OTC) Opening Session Panel, Panel Moderator, Houston, Texas, May 6, 2019.

The Future of Natural Gas in the Global Energy Future: presented at Gas Producers Association Midstream Convention, Keynote, San Antonio, Texas, April 16, 2019.

Energy, Poverty and Climate: Realistic Strategies for Global Emissions Reductions: presented at Ascent Management Event Employee Presentation, Keynote, Oklahoma City, Oklahoma, April 15, 2019.

Sustainable Energy Transitions: presented to Oklahoma City University Faculty/Student presentation, Keynote, Oklahoma City, Oklahoma, April 15, 2019.

Carbon, Poverty and the Global Energy Transition: presented to Vincent and Elkins, Keynote, Palm Beach, Florida, April 4, 2019.

Panel on Decadal Scientific and Technology Directions for the Energy Sector: presented to National Academies of Sciences, presented at Engineering, and Medicine (NASEM) meeting, Houston, Texas, March 14, 2019.

Energy, Carbon and Poverty: Seeking the Radical Middle: presented at Canadian Society of Petroleum Geologists (CSPG) event, Honorary Address, Calgary, Alberta, Canada, February 28, 2019.

Carbon, Poverty and the Global Energy Transition: presented at the University of Colorado, Invited Talk, Boulder, Colorado, February 27, 2019.

The Global Picture and Tying Things all Together: presented at Permian Basin Water In Energy Conference (PBWIEC 2019), Keynote, Midland, Texas, February 20, 2019.

The Global Energy Transition: It's Not What You Think: presented at Southern Gas Association TCEPC (Technical Conference on Environmental Permitting & Construction), Keynote, Frisco, Texas, February 15, 2019.

Switch On: presented at Chris Bell's Bridging Disciplines Program, Talk, Austin, Texas, February 14, 2019.

Switch On: presented at Mary Poteet's Switch Energy Literacy Assessment, Talk, Austin, Texas, February 14, 2019.

Energy, Carbon and Poverty, Seeking the Radical Middle: presented at NRECA (National Rural Electric Cooperative Association) event, Keynote, San Antonio, Texas, February 12, 2019.

The Role of Hydrocarbons in the Future Energy Mix: presented at Inaugural McCombs Energy Initiative Conference "PERMIAN 2025", Keynote, Austin, Texas, February 8, 2019.

Energy Poverty and the Real Energy Transition: presented at UT Energy Week 2019, Luncheon Keynote, Austin, Texas, February 4, 2019.

Energy, Poverty, Carbon, and the Role of Natural Gas: presented at Texas Alliance Membership Meeting, Keynote, Graham, Texas, December 6, 2018.

Energy Poverty: presented at Vopak event, Keynote, Houston, Texas, December 5, 2018.

The Global Role of Oil and Gas: presented at Vopak event, Keynote, Houston, Texas, December 5, 2018.

Deciphering the Rhetoric of "Good" and "Bad" Energy: presented at Private Advisors, Inc. Investor Meeting, luncheon keynote, Austin, Texas, November 8, 2018.

Energy Poverty and Carbon: Seeking the Radical Middle: presented at Austin Energy Corporate Learning Week, keynote, Austin, Texas, November 8, 2018.

Natural gas: Fuel for the coming century: presented at Gas Producers Association - Rocky Mountain Chapter Annual Meeting, keynote, Denver, Colorado, November 7, 2018.

Carbon, Poverty and the Energy Transition Challenge: presented at Ascent Management Event, keynote, Kiawah Island, South Carolina, October 17, 2018.

Carbon, Poverty and the Energy Transition Challenge: presented to ExxonMobil, keynote, Houston, Texas, October 15, 2018.

Poverty and the Energy Transition Dilemma: presented to Mustang Cat's Power Systems Speaker for the Economic Summit Meeting, keynote, Waller, Texas, October 12, 2018.

An Overview of Texas Energy, Environment, and Economics: presented at OLLI-SAGE Series "Bureau of Economic Geology: A Speaker Series of Texas Stories on the Environment, Energy and Economics," keynote, Austin, Texas, October 1, 2018.

Energy, Carbon and Poverty: The Energy Transition Challenge: presented at McCombs School: Petrobras Executive Kick Off, Austin, Texas, October 1, 2018.

Carbon, Poverty and the Energy Transition Dilemma: presented at Robert Sakowitz Event, keynote, Houston, Texas, September 28, 2018.

Energy, Carbon, and Poverty: Is Compromise Possible: presented at 3rd Annual KBH Center Symposium, Austin, Texas, September 27, 2018.

Energy, Poverty and Carbon - Seeking the Radical Middle: presented at Liquid Pipeline Roundtable - HR Consortium, keynote, Louisville, Kentucky, September 26, 2018.

Energy, Carbon and Poverty: The Energy Transition Challenge: presented at Theodore Roosevelt Conservation Partnership event, keynote, Houston, Texas, September 19, 2018.

Carbon, Poverty, and the Energy Transition Dilemma: presented at Petroleum Equipment & Services Association (PESA) Membership Luncheon, keynote, Houston, Texas, September 18, 2018.

The Global Energy Conversation: Should I Observe or Should I Engage?: presented at Latin America & Caribbean Region Student and Young Professional Chapter Leadership Summit, keynote, Bogota, Colombia, August 24, 2018.

Energy, Carbon and Poverty: Seeking the Radical Middle: presented at AAPG Energy Opportunities Conference, luncheon keynote, Cartagena, Colombia, August 22, 2018.

Session II: The Future Energy Matrix: presented at AAPG Energy Opportunities Conference, Session Chair, Cartagena, Colombia, August 22, 2018.

Energy, Poverty, and Climate: Seeking the Radical Middle: presented to Brazilian Geological Congress, Plenary, Rio de Janeiro, Brazil, August 21, 2018.

Is Renewable Energy "Good" and Fossil Energy "Bad"?: presented to Rocky Mountain Association of Geologists (RMAG), Dinner Talk, Denver, Colorado, July 26, 2018.

The global energy dialog: stand by and watch, or engage?: presented to Rocky Mountain Association of Geologists (RMAG), Young Professionals, Breakfast Talk, Denver, Colorado, July 26, 2018.

Energy, Poverty and Carbon: Seeking the Radical Middle: presented at Unconventional

Resources Technology Conference (URTeC), Topical Lunch Talk, Houston, Texas, July 23, 2018.

Enigmatic Shale: presented at Unconventional Resources Technology Conference (URTeC), Executive Plenary, Houston, Texas, July 23, 2018.

Energy, Poverty, and Carbon: Seeking the Radical Middle, keynote: presented at ConocoPhillips L48 Development Month, Houston, Texas, June 21, 2018.

The Future of Energy, a discussion with Merran Smith, CEO of Clean Energy Canada: presented at Resources for Future Generations conference (RFG 2018), Plenary, Vancouver, British Columbia, Canada, June 19, 2018.

How Super Basins and Shale Plays May Evolve: presented to Super Basins Forum panel, presented at AAPG ACE Super Basins Forum, Salt Lake City, Utah, May 21, 2018.

The Role of Oil and Gas in the Global Energy Future: presented at Tudor, Pickering, Holt and Co. Board Meeting, Board Talk, Houston, Texas, May 18, 2018.

The Role of Oil and Gas in the Global Energy Future: presented at Tudor, Pickering, Holt and Co. Hotter 'N Hell Conference, keynote, Houston, Texas, May 16, 2018.

Energy, Poverty and Carbon: Seeking the Radical Middle: presented at ExxonMobil's Longer Range Research Meeting, keynote, Austin, Texas, May 15, 2018.

The Future of Fossil Fuels: presented at 2018 Texas Energy Council 30th Annual Symposium, keynote, Dallas, Texas, May 10, 2018.

The Global Energy Switch: Are Fossil Fuels Finished?: presented at Quantum Energy Partners Investor Meeting, keynote, Houston, Texas, May 9, 2018.

Energy, Environment and Economy: Connecting the Dots: presented at Landis+Gyr Annual Meeting, keynote, Minneapolis, Minnesota, May 1, 2018.

Energy, Poverty and Carbon: Seeking the Radical Middle: presented at PESA (Petroleum Equipment & Services Association) 2018 Annual Meeting, keynote, Greensboro, Georgia, April 27, 2018.

Energy Poverty and Climate: Seeking the Radical Middle: presented to Petroleum Museum/Midland College Energy Leaders series, keynote, Midland, Texas, April 19, 2018.

The Complex Paradox of Shale: presented to SIPES (Society of Independent Professional Earth Scientists) Midland, keynote, Midland, Texas, April 18, 2018.

The Complex Paradox of Shale: presented to Society of Independent Professional Earth Scientists (SIPES) Midland, Midland, Tex., April 18, 2018.

The Global Energy Scene: presented to Petroleum Geo-Services (PGS), keynote, Houston, Texas, March 29, 2018.

Overview of Greater Super Basin Concept: How It Might Evolve: presented at AAPG Global Super Basin Leadership Conference, plenary keynote, Houston, Texas, March 28, 2018.

The Role of Hydrocarbons in the Energy Transition: presented to Shell Technology Center Houston, keynote, Houston, Texas, March 27, 2018.

The Future of Fossil Fuels; keynote address: presented at Dean's Distinguished Speaker Seminar, King Abdullah University of Science & Technology Physical Science and Engineering Division, keynote, Thuwal, Saudi Arabia, March 8, 2018.

Energy, Poverty, and Climate: Seeking the Radical Middle (Opening Session): presented at 13th Middle East Geosciences Conference and Exhibition (Geo 2018), Sanabis, Bahrain, March 5, 2018.

The Global Energy Scene: presented to International Association of Geophysical Contractors

(IAGC), keynote, presented at 47th Annual Conference, Houston, Texas, February 20, 2018.

The Industry's Identity Crisis: Our Role in Public Education & Influence: presented at International Association of Geophysical Contractors (IAGC) 47th Annual Conference, Panel,, Houston, Texas, February 20, 2018.

WKYUAN: presented at Center for Energy Economics Annual Meeting, Luncheon Keynote, Houston, Texas, December 12, 2017.

The Global Energy Scene - A Few Things You Might Not Read in the Times: presented to Austin Geological Society meeting, Austin, Texas, December 4, 2017.

The Global Energy Scene: Some things you might not read in the Times: presented to Houston Museum of Natural Science Lecture, Houston, Texas, November 28, 2017.

The Global Energy Scene: Some things you might not read in the Times: presented to PWC Petroleum Academy, Houston, Texas, November 28, 2017.

The Switch Energy Alliance: The Next Generation of Energy Education: presented to Docent's Brown Bag Lunch, presented at Houston Museum of Natural Science, Houston, TX, November 28, 2017.

The Global Energy Scene A few things you might not read in the Times: presented at Claude R. Hocott Lecture in Petroleum Engineering, Austin, Texas, November 27, 2017.

A brief look at global energy: a few things you might not read in the Times: presented to ExxonMobil Fellows Program, Austin, Texas, November 14, 2017.

What's going on with prices/Geological perspective: Bakersfield, CA, November 8, 2017.

Switch: What we have learned since and what we are working on now: Austin, Texas, October 31, 2017.

Global Energy: What You Won't Read in the Times: presented at Permian Basin Petroleum Pioneers 30th Biennial Celebration, Midland, Texas, October 6, 2017.

The Role of Shale Gas in the Global Energy Mix: presented at North American Gas Forum, Washington, DC, October 2, 2017, October 2, 2017.

The Vital Role of Energy in Ending Energy Poverty: presented to The Colombian Geological Congress, Santa Marta, Colombia, August 30, 2017.

The Potential Impact of Unconventional Reservoirs in Mexico: presented to Mexican Association of Oil Companies (AMEXHI), Mexico City, Mexico, June 22, 2017.

The Impact of Shale Gas on Global Electric Markets in the 21st Century: presented at 2017 Energy Generation Conference, Biloxi, Mississippi, June 20, 2017.

Session on Geoscience and Governance: presented at AASG Annual Meeting, Branson, Missouri, June 14, 2017.

The Three Es: presented to National Rural Utilities Cooperative Finance Corporation (CFC), San Antonio, Texas, June 11, 2017.

The Importance of Energy: presented at Encana Women's Network Event, Calgary, Canada, May 17, 2017.

The Importance of Energy: presented at Encana Women's Network Event, Denver, Colorado, May 10, 2017.

Why We Shouldn't "Keep It in the Ground": presented at SWS AAPG Convention (Southwest Section American Association of Petroleum Geologists), Midland, Texas, May 1, 2017.

Reconciling energy and economic development with protection of the public health and the environment: presented at Earth Day Texas 2017, Dallas, Texas, April 21, 2017.

Shale Development: Seeking the Radical Middle: presented at Earth Day Texas 2017, Dallas, Texas, April 21, 2017.

Global Implications of the U.S. Shale Scene: Millennials, It's in Your Hands Now: presented at AAPG ACE 2017 100th APPG Anniversary, Theme 11: Future of Energy: Essential Tools for the Next Generation of Geoscientists, Houston, Texas, April 5, 2017.

Global Energy Security and Poverty: presented at AAPG ACE 2017 100th APPG Anniversary, Special Session/DEG/EMD forum:, Houston, Texas, April 4, 2017.

U.S. Energy Security and the Role of Shale: presented at East Texas Geological Society's Prospect and Tech Expo, Tyler, Texas, March 28, 2017.

Analyst Spotlight: The Bakken Under The Microscope (with Svetlana Ikonnikova): presented at DUG Rockies: Bakken and Niobrara, Denver, Colorado, March 16, 2017.

Panel Discussion Participation: presented at Marathon Pipe Line LLC Senior Leadership Conference, Findlay, Ohio, March 8, 2017.

The Role of Oil and Gas in the Future Energy Mix: presented at Marathon Pipe Line LLC Senior Leadership Conference, Findlay, Ohio, March 8, 2017.

The Crazy World of Energy: What's a SAGE Person to Think?: presented to UT OLLI (Osher Lifelong Learning Institute) Sage, Austin, Texas, March 1, 2017.

The Three E's of America's Energy Future: Energy, Economy, and Environment: presented at NRECA (National Rural Electric Cooperative Association) Annual Meeting at Tech Advantage 2017 Conference and Expo, San Diego, California, February 27, 2017.

Development and Application of User-Inspired Research: presented at Aspen Institute Energy Governance Series, Aspen, Colorado, February 26, 2017.

Secure Energy for America: presented at Lawrence Berkeley National Laboratory Distinguished Scientist Seminar Series, Berkeley, California, February 17, 2017.

Energy Security and Energy Poverty: presented at Stanford University Precourt Institute Energy & Natural Gas Initiative Seminar, Stanford, California, February 15, 2017.

Secure Energy for America: presented at Lawrence Livermore National Laboratory Deputy Director for Science and Technology Colloquium, Livermore, California, February 14, 2017.

The Critical Role of Efficiency in the Global Energy Future2017: presented at SPEER (South-central Partnership for Energy Efficiency as a Resource) Summit, Austin, Texas, February 7, 2017.

The Waltz of the Five Es: presented at 2017 Renewable Energy Law Conference, Austin, Texas, February 1, 2017.

Energy, Economy, and Environment and the Importance of Energy Education: presented to PowerSouth Trustee Update, Fort Walton Beach, Florida, January 27, 2017.

The Three E's of America's Energy Future: Energy, Environment and Economy: presented to North Dakota Association of Rural Electric Cooperatives, Bismarck State College 38th Annual Energy Generation Conference (EGC), Bismarck, North Dakota, January 26, 2017.

The Three E's of America's Energy Future: Energy, Environment and Economy: presented to North Dakota Association of Rural Electric Cooperatives, Bismarck State College 38th Annual Energy Generation Conference (EGC), Bismarck, North Dakota, January 25, 2017.

Energy Security, Energy Poverty, and Peace: presented at SPE/AAPG Africa Energy and Technology Conference, Nairobi City, Kenya, December 7, 2016.

Switch screening/Intro and Q&A: presented at SPE/AAPG Africa Energy and Technology Conference, Nairobi City, Kenya, December 6, 2016.

Africa in the 21st Century; Frontier Plays and Challenges: presented at SPE/AAPG Africa Energy and Technology Conference, Nairobi City, Kenya, December 5, 2016.

Commencement Address: presented at The University of Texas at Austin Jackson School of Geosciences Commencement, Austin, Texas, December 3, 2016.

Switch screening/Q&A: presented at Austin Energy University Forum, Austin, Texas, November 15, 2016.

The Critical Need for Energy Leadership: presented at American Petroleum Institute Annual Meeting Executive Forum, Amelia Island, Florida, November 14, 2016.

The Global Energy Scene: Where Do I Turn?: presented to The Geophysical Society of Houston & The SEG Women's Networking Committee, Houston, Texas, November 3, 2016.

Energy Untangled: presented to Research Triangle Institute (RTI), Raleigh, North Carolina, November 2, 2016.

Global Energy 20/20: presented at College of DuPage Natural Resources Symposium Series, Ellyn, Illinois, October 27, 2016.

Changing the Energy Conversation: presented to ARPA-e Rice, Houston, Texas, October 25, 2016.

Oil and Natural Gas Risk and Risk Governance: Four Evidentiary Musings: presented at Aspen Institute Dialogue Series on Shale Production and Governance, Aspen, Colorado, October 22, 2016.

Global Energy, Environment and Economy: Insights for Ecuador: presented to American-Ecuadorian Chamber of Commerce, Austin, Texas, October 13, 2016.

Cool Geology Technology: presented at Austin Earth Science Week Career Day, Austin, Texas, October 7, 2016.

Waltz of the 5 E's: presented at Gulf Coast Energy Summit, Biloxi, Mississippi, September 29, 2016.

Geosciences and Energy: Complex Problems, Integrated Solutions, Real World Impacts, Keynote: presented to Geological Society of America, presented at Pardee Symposium, "Mastery of the Subsurface The Challenge to Improve Subsurface Energy Systems, Denver, Colorado, September 25, 2016.

Switch 20/20: presented to PricewaterhouseCoopers Petroleum Academy, Houston, Texas, September 19, 2016.

The U.S. Shale Scene and Global Implications, Luncheon Talk: presented at Norwegian Consulate Lunch 'n Learn, Houston, Texas, September 19, 2016.

Energy Untangled, Keynote: presented at Latin America Region Student Chapter Leadership Summit, Cancun, Mexico, September 9, 2016.

Integrated Analysis of Six Major U.S. Shale Gas Basins and Shale Oil Basins: Work Flow, Geology and Original Resource in Place: presented at AAPG/SEG International Conference & Exhibition, Cancun, Mexico, September 9, 2016.

Petroleum Systems and Exploration (Session Chair): presented at International Geological Congress, Cape Town, South Africa, August 31, 2016.

The Global Energy Transition: Fundamental Matters: presented at International Geological Congress, Cape Town, South Africa, August 31, 2016.

Energy 20/20 and the Role of Texas: presented at Austin Association for Corporate Growth, Austin, Texas, August 10, 2016.

Production and Reserve Scenarios for the Eagle Ford Shale: a Multidisciplinary Study:

presented at Unconventional Resources Technology Conference (URTeC), San Antonio, Texas, August 2, 2016.

Energy, Carbon, Climate, And Renewables: presented at AASG Annual Meeting Breakout Session (also Session Chair: Energy), Girdwood, Alaska, June 13, 2016.

Alberta's Electricity Future: A Few Things to Consider: presented at PricewaterhouseCoopers Energy Visions Business Forum, Calgary, Canada, May 26, 2016.

Results from Comprehensive, Integrated Analysis of Six Major U.S. Shale Gas Basins and Shale Oil Basins Original Resource in Place, Reserve, and Production Scenarios Through 2045: presented at UNECE (United Nations Economic Commission for Europe) Expert Group on Resource Classification Seventh Session, Geneva, Switzerland, April 28, 2016.

SWITCH, The Global Energy Transition: presented at UNECE (United Nations Economic Commission for Europe) Expert Group on Resource Classification Seventh Session, Geneva, Switzerland, April 27, 2016.

Opening Remarks: presented at Offshore Carbon Capture and Storage workshop, Austin, Texas, April 19, 2016.

Natural Gas and The 3 "E's" Dialogue (Energy, Economy and Environment): presented at Southern Gas Association (SGA) Executive Council, San Antonio, Texas, April 6, 2016.

Why Balance Matters?: Global Energy in the 21st Century: presented at NRECA (National Rural Electric Cooperative Association) Directors Conference, Austin, Texas, April 5, 2016.

The Role of the Geosciences in Today's World: presented at AGI Earth Science Week stakeholders reception, Richmond, Virginia, March 15, 2016.

Energy Security and the Global Energy Transition: presented at Oil and Gas Research Center of the Minerals and Energy Ministry, Beijing, China, March 4, 2016.

Shale Gas and Shale Oil: The U.S. Experience and its Global Implications: presented at Oil and Gas Research Center of the Minerals and Energy Ministry, Beijing, China, March 4, 2016.

The Bureau of Economic Geology: Global Research at the Intersection of Energy, the Environment and the Economy: presented at Oil and Gas Research Center of the Minerals and Energy Ministry, Beijing, China, March 4, 2016.

Energy Security and the Global Energy Transition: presented at Sinopec, Beijing, China, March 3, 2016.

Shale Gas and Shale Oil: The U.S. Experience and its Global Implications: presented at Sinopec, Beijing, China, March 3, 2016.

The Bureau of Economic Geology: Global Research at the Intersection of Energy, the Environment and the Economy: presented at Sinopec, Beijing, China, March 3, 2016.

Energy Security and the Global Energy Transition: presented at RIPED, Beijing, China, March 2, 2016.

Shale Gas and Shale Oil: The U.S. Experience and its Global Implications: presented at RIPED, Beijing, China, March 2, 2016.

The Bureau of Economic Geology: Global Research at the Intersection of Energy, the Environment and the Economy: presented at RIPED, Beijing, China, March 2, 2016.

The Bureau of Economic Geology: Global Research at the Intersection of Energy, the Environment and the Economy: presented at Yanchang, Shaanxi Petroleum Association, Unconventional Oil & Gas Exploration and Development Technology Seminar, Xi'an, China, February 29, 2016.

The Role of Shale Oil and Shale Gas in the Global Energy Future: presented at Yanchang,

Shaanxi Petroleum Association, Unconventional Oil & Gas Exploration and Development Technology Seminar, Xi'an, China, February 29, 2016.

Global Energy Outlook: presented to University of Texas Chapter of AAPG, presented at University of Texas Chapter of AAPG, Austin, Texas, February 4, 2016.

Switch lecture and Q&A: presented to UT Law School course on Environmental Issues in Oil and Gas Exploration and Production, presented at UT Law School course on Environmental Issues in Oil and Gas Exploration and Production, Austin, Texas, February 4, 2016.

Demystifying the Global Energy Scene: presented at PowerSouth trustee's conference, Destin, Florida, January 28, 2016.

The EffeKts of FracKing: is it All Bad?: presented to LAMP (Learning Activities for Mature People), Austin, TX, January 14, 2016.

Short- and Long-Term Outlook for Oil & Natural Gas: presented at UT Energy Journalism Workshop, Austin, TX, January 12, 2016.

Unconventional Reservoirs: Ideas to Commercialization: presented at 2015 AGU Fall Meeting, San Francisco, California, December 17, 2015.

Geoscientists and the Radical Middle: presented at 2015 AGU Fall Meeting, San Francisco, California, December 15, 2015.

Demystifying Energy: presented at National Autonomous University of Mexico (UNAM), Mexico City, Mexico, December 10, 2015.

The Evolving Energy Mix and its Impact on Mexico: presented at Susteinergy Conferencia Los Retos del Futuro de la Energia (Conference on Future Challenges of Energy), Mexico City, Mexico, December 9, 2015.

The Global Energy Transition Unfolding: presented to Energy, Des Moines, Iowa, December 3, 2015.

The Future Role of Natural Gas in the North American and Global Economy: presented to Spectra Energy, presented at Spectra Energy, Houston, Texas, November 11, 2015.

Demystifying Energy: presented at Penn State Hochreiter seminar in NucE, State College, Pennsylvania, October 29, 2015.

US Shale Gas: An Integrated Approach: presented at Penn State undergraduate class lecture, State College, Pennsylvania, October 28, 2015.

A Fracking Reality Check: presented at Texas Tribune Festival, Austin, TX, October 17, 2015.

Demystifying Energy: presented at 2015 International LNG in BC Conference, Vancouver, British Columbia, Canada, October 16, 2015.

The big picture - energy, global needs and LNG: presented at 2015 International LNG in BC Conference, Vancouver, British Columbia, Canada, October 16, 2015.

"A Fracking Education" - Facts and Myths around Natural Gas Extraction: presented at North American Gas Forum, Washington, DC, October 6, 2015.

The Role of Natural Gas in the Energy, Environment, Economy Nexus: presented to Gas Machinery Research Council, presented at 2015 GMRC Gas Machinery Conference, Austin, TX, October 5, 2015.

2040: The Journey and the Destination - Diverse Perspectives: presented at Society of Petroleum Engineers Annual Technical Conference and Exhibition (SPE ATCE), Opening Panel Session, Houston, Texas, September 28, 2015.

Geo Generations: 60 Years in the "Patch" and Counting: presented at GCAGS (Gulf Coast Association of Geological Societies) 65th Annual Convention, Houston, Texas, September 22,

2015.

Opening Mexico: A Bold Initiative at a Critical Time: presented at Gulf Coast Association of Geological Societies (GCAGS) 65th Annual Convention, Houston, Texas, September 22, 2015.

Demystifying Energy: presented at PricewaterhouseCoopers Petroleum Academy, Houston, Texas, September 21, 2015.

On the Energy Horizon: Offshore CCS, Induced Seismicity, and Deep Borehole Waste Disposal: presented at Energy Council Annual Meeting, San Antonio, Texas, September 19, 2015.

The Global Energy Landscape: presented at Pegasus Bank, Dallas, Texas, September 16, 2015.

The Role of Nuclear Power in the Global Energy Future: presented at Nuscale Power Exposition, Corvallis, Oregon, August 20, 2015.

Demystifying Energy: presented at KentPresents, Kent, Connecticut, August 14, 2015.

It's tough to make predictions, especially about the future: presented at 27th Annual Texas Environmental Superconference, Austin, Texas, August 6, 2015.

Global Energy Dynamics and the Impact on Texas: presented to Austin, Texas, presented at Texas Electric Cooperatives Annual Meeting, August 4, 2015.

TexNet and CISR: presented at Texas Alliance of Energy Producers, Houston, Texas, August 4, 2015.

State Surveys: Structuring for growth, regardless of size: presented at AASG Annual Meeting, Flagstaff, Arizona, June 15, 2015.

Shale Gas: Bubble or Boom and Possible Impact on Nuclear Energy: presented at American Nuclear Society 2015 Annual Meeting, San Antonio, Texas, June 8, 2015.

State of Research Regarding Shale Development: presented at Aspen Institute Modern Shale Production Forum, Aspen, Colorado, June 7, 2015.

The Global Energy Landscape and a Few Key Challenges: presented at US Energy Annual Energy Conference, Minneapolis, Minnesota, June 4, 2015.

Fracking: U.S. Bubble or Coming Boom?: presented at 38th IAEE International Conference, Antalya, Turkey, May 24, 2015.

Workshop: Shale Gas in North America: presented at 38th IAEE International Conference, Antalya, Turkey, May 24, 2015.

The US Energy Scene: Have We Been Here Before?: presented at EnerVest Annual Investor Meeting, Houston, Texas, May 19, 2015.

Global Energy: Have We Been Here Before?: presented at Thompson & Knight Oil & Gas Luncheon, Dallas, TX, May 13, 2015.

State of Tomorrow - Energy, Environment and the Economy: presented at Missouri River Energy Services 2015 Annual Meeting and 50th Anniversary, Sioux Falls, South Dakota, May 6, 2015.

Global Energy: Seeking the Radical Middle: presented at GeoConvention 2015, Calgary, Alberta, Canada, May 4, 2015.

The Energy, Water, Land Nexus and its Impact on Texas: presented at San Antonio Business and Economic Society (SABES), San Antonio, Texas, April 29, 2015.

Global Energy: Have We Been Here Before?: presented at Gardere 9th Annual Energy of Energy, Houston, Texas, April 28, 2015.

The Upsides of a Down Cycle: presented at Bureau of Economic Geology Industry Day,

Houston, Texas, April 28, 2015.

SWITCH, The Global Energy Transition: presented at Sempra Leadership Meeting, Palm Desert, California, April 9, 2015.

Academic Industry Government Partnerships: presented at Monterrey Tec Board, Austin, Texas, March 25, 2015.

The Global Energy Scene: presented at UT Electrical and Computer Engineering Faculty Meeting, Austin, Texas, March 23, 2015.

Global Energy and the Switch Energy Project: presented at Nebraska Municipal Power Pool (NMPP) Energy Annual Meeting & Conference, Gering, Nebraska, March 5, 2015.

Global Energy Outlook: presented at Texas Bankers Association Real Estate, Oil and Gas Conference, San Antonio, Texas, March 5, 2015.

Technology and the Global Energy Transition: presented at Baker Hughes Annual Technology Week, Keynote, Houston, Texas, February 25, 2015.

Mexican Energy Reform: Economic Expansion for Mexico and the Americas: presented at Kay Bailey Hutchinson Symposium, Panel, Austin, Texas, February 20, 2015.

Global Energy and a Few Key Challenges: presented at Sempra Board meeting, Strategic Discussion, San Diego, California, February 19, 2015.

Global Energy and a Few Key Challenges: presented at Sempra Headquarters, Keynote, San Diego, California, February 19, 2015.

The Impact of the Shale Revolution: presented at Energy Week 2015 Town Hall Meeting, Panel, Austin, Texas, February 16, 2015.

State of Play: Shale Development and Water: presented at Forum on Shale Development and Water Resources in Texas, Panel Chair, Austin, Texas, February 5, 2015.

Texas Water Resources... Known Knowns; Known Unknowns; and Unknown Unknowns: presented at Forum on Shale Development and Water Resources in Texas, Panel Chair, Austin, Texas, February 5, 2015.

Global Energy 2015: Hang on for the Ride: presented at Southern Gas Association, Luncheon Keynote, San Antonio, Texas, February 2, 2015.

Presentations

Virtual class lecture: presented to New York University's Center for Urban Science and Progress (NYU CUSP), online, April 20, 2020.

Virtual class lecture on 21st century energy: presented at Boise State University, online, April 15, 2020.

A Sustainable Energy Transition: presented at Austin Women in Oil and Gas (AWOG) meeting, Austin, Tex., April 13, 2020.

Virtual Switch On screening followed by Q&A: online, March 26, 2020.

The Global Energy Transition: Balancing Energy, Economy, and Environment: presented to Texas Tech University School of Law, presented at Energy Law Lecture Series, Lubbock, Tex., March 10, 2020.

Guest lecture and Switch open Q&A: presented to Texas Tech Oil & Gas Law I class, Lubbock, Tex., March 9, 2020.

Guest lecture and Switch open Q&A: presented to Texas Tech Oil & Gas Law II class, Lubbock, Tex., March 9, 2020.

The Global Energy Transition: Balancing Energy, Economy, and Environment: presented at

Texas Tech public lecture, Lubbock, Tex., March 9, 2020.

Environment and Sustainability, Open Discussion and Question and Answer: presented to Chris Bell's Bridging Disciplines Program (BDP) 101 class, The University of Texas at Austin, presented at Forum Seminar in Environment and Sustainability, Austin, Tex., February 20, 2020.

Switch On screening and question and answer session: presented at San Angelo Texas Exes Speaker Series, San Angelo, Tex., February 11, 2020.

Energy Density = Environmental Stewardship: presented at At the Crossroads: Energy & Environment Summit, Panel, Washington, D.C., November 19, 2019.

BEG vs. peers: need for line-item increase: presented to presented at Bureau of Economic Geology Visiting Committee meeting, Austin, Texas, August 2, 2010.

Committee: strategies moving forward: presented at Bureau of Economic Geology Visiting Committee meeting, Austin, Texas, August 2, 2010.

The 21st century Bureau: presented at the Bureau of Economic Geology Centennial Symposium, Austin, Texas, August 7, 2009.

Global energy--build bridges, not walls: presented to Texas Public Power Association, San Antonio, Texas, July 28, 2009.

Oil: forgotten but not gone: presented at Association of American State Geologists Annual Meeting, Park City, Utah, June 24, 2009.

The fourth E: , Denver, Colorado, June 7, 2009: presidential address at the American Association of Petroleum Geologists Annual Meeting, Denver, Colorado, June 7, 2009.

Global energy security: build policy bridges, not walls: presented at Schlumberger Meeting, Houston, Texas, May 29, 2009.

Global energy bridges: myths, sound bites, and policy: presented to SPE Austin Section, Austin, Texas, May 20, 2009.

The next wave--dispelling myths, informing people, and creating ambassadors for our industry: panel session presented at Offshore Technology Conference, Houston, Texas, May 6, 2009.

Global energy policy: bridges, not walls: address presented at Nano Science and Technology Institute (NSTI) Nanotechnology Conference and Expo, Houston, Texas, May 5, 2009.

Global energy policy: bridges, not walls: address presented to ExxonMobil Upstream Research Company, Galveston, Texas, April 30, 2009.

The impact of energy myths, sound bites, and dogma on U.S. energy policy: keynote address presented at AAPG Southwest Section Meeting, Midland, Texas, April 27, 2009.

Global energy: build bridges, not walls: address presented to U.S. Energy Services, Phoenix, Arizona, April 23, 2009.

Global energy: build bridges, not walls: keynote address presented to Texas Alliance of Energy Producers, Wichita Falls, Texas, April 22, 2009.

Advanced Energy Consortium/CO2 sequestration: presented on ExxonMobil Dat at The University of Texas at Austin, Austin, Texas, April 18, 2009.

Global energy: building industry, academic and government bridges: presented on Bureau of Economic Geology Industry Day, Austin, Texas, April 15, 2009.

Energy security: build global bridges: presented to the Petroleum Institute, Abu Dhabi, United Arab Emirates, April 8, 2009.

Global energy: build bridges, not walls: presented to Emirates Geological Society, Abu Dhabi, United Arab Emirates, April 8, 2009.

Energy security: build global bridges: presented to Petroleum Institute-Abu Dhabi, Abu Dhabi, United Arab Emirates, April 7, 2009.

Global energy: build bridges, not walls: presented to Kuwait Oil Company, Kuwait City, Kuwait, April 7, 2009.

Global energy: build bridges, not walls: presented at Dhahran Geosciences Society Dinner, Dhahran, Saudi Arabia, April 5, 2009.

Global energy: build bridges, not walls: presented to Southeast Asia Petroleum Exploration Society (SEAPEX), Bangkok, Thailand, March 23, 2009.

Global energy: build bridges, not walls: presented to Statoil Hydro, Bergen, Norway, March 9, 2009.

A few questions about energy: distilling fact from fiction: presented at University of Aberdeen, Aberdeen, Scotland, March 6, 2009.

Energy, economy, and policy: what the heck is going on?: presented at University of Aberdeen, Aberdeen, Scotland, March 6, 2009.

Energy security, build bridges, not walls: presented at Explorers' Lunch, Aberdeen, Scotland, March 5, 2009.

Global energy bridges: keynote address presented at APPEX Meeting, London, UK, March 3, 2009.

Energy, economy, and policy: a glimpse at the 21st century: presented at Gas Well Deliquification Workshop, Houston/Denver, Colorado, February 24, 2009.

Energy sound bites and counter bites: presented at Houston Geological Society dinner, Houston, Texas, February 9, 2009.

Submerged state lands for CCS: proposed research (presentation with Tip Meckel): presented at Conference Workshop: Practical Aspects of Carbon Capture and Storage, Austin, Texas, February 2, 2009.

Global energy: myths and misconceptions: presented to LAMP, Learning Activities for Mature People, Austin, Texas, January 29, 2009.

Fossil energy: opportunities in research: presented at United Kingdom-Texas Universities Forum: Challenges in Energy Technologies--Defining Collaborative Opportunities, Austin, Texas, January 26, 2009.

Global energy: build bridges, not walls: presented to DGS-UT students, Austin, Texas, January 21, 2009.

A brief look at natural gas and the Barnett Shale: presented to Landmen's Association, West Lake, Texas, January 12, 2009.

Update on AAPG activities: presented at AAPG HOD luncheon, Houston, Texas, January 7, 2009.

Global energy--building 21st century bridges: presented at SEAPEX Board Meeting, Singapore/December 5, 2008.

Global energy--building 21st century bridges: presented at Women's Global Leadership Conference in Energy & Technology, Houston, Texas, November 14, 2008.

The Advanced Energy Consortium: a new model for funding and conducting precompetitive research in micro- and nanotechnology for improved subsurface understanding: presented at AAPG International Convention and Exhibition, Cape Town, South Africa, October 29, 2008.

Energy workforce: understanding and adapting to cycles: presented at AAPG International Convention and Exhibition, Oral Session: Geoscience Workforce of the Future--The Great Crew

Change, Cape Town, South Africa, October 27, 2008.

Global energy security: build bridges, not walls: presented at Opening Ceremony AAPG International Conference and Exhibition, Cape Town, South Africa, October 26, 2008.

Congratulatory address: presented at Research Institute for Petroleum Exploration and Development (RIPED) President's Forum, Beijing, China, October 23, 2008.

The role of fossil fuels in the global energy future: presented at Research Institute for Petroleum Exploration and Development (RIPED) 50th Anniversary, Beijing, China, October 23, 2008.

The role of fossil fuels in the global energy future: presented at the Enterprise Products Partners Annual Meeting, Horseshoe Bay, Texas, October 16, 2008.

The role of fossil fuels in the global energy future: presented at the Baker Hughes Engineering Forum, Houston, Texas, October 15, 2008.

Global energy, economy, and policy: what in the heck is going on?: presented at AAPG Eastern Mountain Section Annual Meeting, Pittsburgh, Pennsylvania, October 12, 2008.

Global energy: myths and paradoxes: presented at GSA Foundation-Pardee Coterie, Houston, Texas, October 5, 2008.

Global energy: building 21st century bridges: presented at PGNiG, Polish Oil & Gas Company, Warsaw, Poland, October 2008.

Public-private partnerships: communicating to decision makers: presented at First Annual Geoscience Forum, Washington, D.C., September 8, 2008.

Global energy: building 21st century bridges: presented at Deutschen Geophysikalische Gesellschaft, Aachen, Germany, September 2008.

Global energy: building 21st century bridges: presented at Moscow State University, Moscow, Russia, September 2008.

Global energy: building 21st century bridges: presented at ROSNEFT Research and Technical Center, Moscow, Russia, September 2008.

Global energy: building 21st century bridges: presented at Royal Holloway, University of London, London, UK, September 2008.

Global energy: building 21st century bridges: presented at Wintershall, Kassel, Germany, September 2008.

State of Tomorrow: Energy TV advertisement: The University of Texas Foundation, Alpheus Media, Austin, Texas, Fall 2008.

Energy and the role of state geological surveys: keynote presented to the AASG Centennial Meeting, Shepherdstown, West Virginia, June 29, 2008.

Energy myths and realities: presented to the Alumni College, Texas Exes, Austin, Texas, June 25, 2008.

Climate, carbon, and energy: what is a teacher to think?: presented to the Texas Regional Collaborative Workshop, Austin, Texas, June 10, 2008.

Global energy: myths, realities, and paradoxes: keynote lunch talk presented to the Rocky Mountain Section, American Association of Petroleum Geologists, and Colorado Oil and Gas Association, Denver, Colorado, June 9, 2008.

Energy myths and a few realities: invited talk presented to Texas Bankers Association, San Antonio, Texas, May 16, 2008.

Climate, carbon, and electricity: a 2030 energy Rx: presented at the BEG Decision Makers Meeting, Jewett, Texas, May 8, 2008.

Climate and carbon in a global energy context: part of panel discussion, North American Energy Summit, San Antonio, Texas, May 1, 2008.

BEG research for the 21st century: presented on BEG Industry Day, Austin, Texas, April 29, 2008.

Downhole mobile micro- and nano-sensors for advanced recovery: keynote talk presented to Houston Business Journal, Houston, Texas, April 7, 2008.

Global energy: trends, myths, and realities: keynote talk presented to Pacific Section, American Association of Petroleum Geologists, Bakersfield, California, March 31, 2008.

Ten energy myths: carbon in context: invited talk presented to Texas Alliance Group, Washington, D.C., March 10, 2008.

Women in science: lessons from academia: invited talk presented at AAPG GEO Meeting, Manama, Bahrain, March 2, 2008.

Energy myths and current realities: keynote address presented at AAPG Southwest Section Meeting, Abilene, Texas, February 27, 2008.

Geology rocks: invited talk presented to Spicewood Springs Elementary First Grade Class, Austin, Texas, February 12, 2008.

Perspectives on global energy, carbon sequestration, and climate: keynote address presented at Beaver Creek Energy Conference, Beaver Creek, Colorado, February 5, 2008.

Energy myths and a few realities: keynote address presented at Society of Independent Professional Earth Scientists Board Meeting, Corpus Christi, Texas, January 29, 2008.

Carbon sequestration in a global context: presented at National Academies Workshop, Washington, D.C., January 28, 2008.

Carbon sequestration in a global energy context: presented at National Academies Workshop, Washington, DC, January 28, 2008.

Global energy myths and realities: keynote address presented at USGS Western Region Colloquium, Menlo Park, California, January 14, 2008.

Thanks: keynote talk presented at Jackson School of Geosciences Fall Commencement, Austin, Texas, December 8, 2007.

FutureGen and Gulf Coast sequestration: invited talk presented at Enhanced Oil Recovery, Carbon Management Workshop, Irving, Texas, December 3, 2007.

Energy myths and water resources: keynote talk presented at Thought Seekers Breakfast Meeting, Austin, Texas, November 13, 2007.

Carbon sequestration and FutureGen Texas: invited talk presented to Austin Area Research Organization, Austin, Texas, November 12, 2007.

The Houston Research Center: invited talk presented at Chevron luncheon, Austin, Texas, November 5, 2007.

AAPG highlights: invited talk presented at Association of American State Geologists Midyear Meeting, Denver, Colorado, October, 30 2007.

BEG Nanotechnology Advanced Energy Consortium: invited talk presented to Jackson School of Geosciences Advisory Council, Austin, Texas, October, 19 2007.

That was then, this is now: invited luncheon talk presented at GeoFluids III Consortium Meeting, Austin, Texas, October, 16 2007.

Climate, carbon, and FutureGen: keynote presented at Texas Mining and Reclamation Meeting, Austin, Texas, October, 10 2007.

The role of coal: investments make abundant resource even cleaner: report presented at Solutions to Texas Power Needs, Clean Coal Technology Foundation of Texas, Austin, Texas, October 2007.

Energy myths, trends, and technology: invited panel presentation, Interstate Oil and Gas Compact Commission, New Orleans, Louisiana, September 25, 2007.

Global energy, myths, and realities: keynote address presented at Houston Marine Insurance Seminar, Houston, Texas, September 18, 2007.

What will make me worth my very big salary?: keynote address presented at First Annual Geoscience Day, Houston, Texas, September 7, 2007.

What to do about CO₂: panel presentation at Colorado Oil & Gas Association, Denver, Colorado, August 14, 2007.

What to do about CO₂: panel presentation at Colorado Oil & Gas Association, Denver, Colorado, August 14, 2007.

Thoughts on science and climate: panel presentation at Colorado Oil & Gas Association, Denver, Colorado, August 13, 2007.

Natural gas supply: implications for Global and U.S. energy markets: presented at U.S. Energy Annual Conference, Minneapolis, Minnesota, May 17-18, 2007.

Natural gas supply: implications for global and U.S. energy markets: presented at U.S. Energy Annual Conference, Minneapolis, Minnesota, May 17-18, 2007.

Texas FutureGen site characterization: presented at Sixth Annual Conference on Carbon Capture & Sequestration, Pittsburgh, Pennsylvania, May 7-8, 2007.

Texas FutureGen site characterization: presented at Sixth Annual Conference on Carbon Capture & Sequestration, Pittsburgh, Pennsylvania, May 7-8, 2007.

Energy myths and misconceptions: presented invited talk to Petroleum Geology class, University of Kentucky, Lexington, Kentucky, April 19, 2007.

The Bureau of Economic Geology: energy, environment, and education: presented invited talk to PetroChina Company Limited, Beijing, China, April 16, 2007.

The Bureau of Economic Geology: energy, environment, and education: presented invited talk to Research Institute of Petroleum Exploration and Development (RIPED), PetroChina, Beijing, China, April 16, 2007.

The role of unconventional oil and natural gas in the global energy future: presented invited talk to Research Institute of Petroleum Exploration and Development (RIPED), PetroChina, Beijing, China, April 16, 2007.

Forming a clean coal industry: presented invited talk to China University of Petroleum, Dongying, China, April 13, 2007.

Forming a clean coal industry: presented invited talk to China University of Petroleum, Dongying, China, April 13, 2007.

The Bureau of Economic Geology: energy, environment, and education: presented invited talk to China University of Petroleum, Dongying, China, April 12, 2007.

The role of unconventional oil and natural gas in the global energy future: presented invited talk to China University of Petroleum, Dongying, China, April 12, 2007.

Systematic variations in the Permian Capitan System: McKittrick Canyon, West Texas and New Mexico: presented invited talk to China University of Petroleum, Beijing, China, April 11, 2007.

The Bureau of Economic Geology: energy, environment, and education: presented invited talk to China University of Petroleum, Beijing, China, April 11, 2007.

Unconventional gas research and technology needs: presented invited talk (with Eric Potter) at SPE 2007 Research and Development Conference, San Antonio, Texas, April 2007.

Global energy: the waltz of the three E's: presented at seminar, AAPG Student Chapter, Imperial College, London, England, March 20, 2007.

FutureGen Texas: presented invited talk at U.S. Senate briefing, Washington, D.C., March 8, 2007.

The future of energy: primary interviewee in episode 13 of PBS series State of Tomorrow, produced by the University of Texas Foundation, Austin, Texas, February 2007.

Global energy: myths and misconceptions: invited talk presented to the Helena community, Helena, Montana, January 30, 2007.

The global energy scene: an energy, economy, environment waltz: keynote talk presented at Helena Education Foundation Conference, Helena, Montana, January 30, 2007.

FutureGen and the Three E Waltz: Invited talk presented at Sun City Senior University, Georgetown, Texas, January 10, 2007.

The global energy scene: an energy, economy, environmental waltz: presented invited talk to the Energy Council, 2006 Global Energy and Environmental Issues Conference, San Antonio, Texas, December 8, 2006.

Texas FutureGen: of sticks, carrots, and cabbage: Invited talk presented at 4th Annual EOR Carbon Management Workshop, The Woodlands, Texas, December 5, 2006.

The "I" in business ethics: keynote talk presented at DPA/AAPG International Meeting, Perth, Australia, November 6, 2006.

The "I" in business ethics: presented to Texas Commission on Environmental Quality, Austin, Texas, August 30, 2006.

The "I" in business ethics: presented to Austin Geological Society, Austin, Texas, August 28, 2006.

Serving the needs of resource industries: IT starts with the rocks: presented at Indiana University Forum, Belgrade, Montana, August 22, 2006.

The future of global natural gas and implications for the Gulf and Texas: presented at TGP ANR Shipper Meeting, Lake Geneva, Wisconsin, August 17, 2006.

The fossil fuel future: facts and fads: invited talk presented to Explorers' Club, Denver, Colorado, July 21, 2006.

Unconventional alternatives to conventional oil and natural gas: presented at JSG Latin American Forum, Rio de Janeiro, Brasil, July 11, 2006.

The future of global natural gas and implications for the Gulf and Texas: presented at Tennessee Gas Pipeline Customer Meeting, Barton Creek Country Club, Austin, Texas, May 25, 2006.

Global energy: where will we be in 2053?: keynote lunch talk presented to Panhandle Royalty Owners Group, Amarillo, Texas, May 24, 2006.

The future of global energy: trends, technology, and talent: keynote lunch talk presented at AAPG Pacific Section, SPE, GSA joint meeting, Anchorage, Alaska, May 8, 2006.

The "I" in business ethics: panel discussion held at Offshore Technology Conference, Houston, Texas, May 1-2, 2006.

The future lies in talent and we must act now: presented at American Association of Petroleum Geologists Annual Convention, Houston, Texas, April 2006.

FutureGen and the role of Texas: lunch talk presented at Clean Coal Technology Foundation, Austin, Texas, March 2006.

The future of energy: invited lunch talk presented to Society of Independent Professional Earth Scientists, Austin Chapter, Austin, Texas, March 2006.

The future of global energy: invited lunch talk presented at Central Texas Clean Cities, Redesignation Program, Austin Energy, Austin, Texas, March 2006.

Earth science and society: the impact of state geological surveys: keynote address presented as part of Illinois State Geological Survey Centennial Lecture Series, Champagne, Illinois, February 2006.

The "I" in Business Ethics: lunch talk presented at Midland College, Midland, Texas, February 2006.

The "I" in Business Ethics: lunch talk presented to North Texas Geological Society, American Association of Petroleum Geologists, and Society of Petroleum Engineers local groups, Wichita Falls, Texas, February 2006.

The "I" in Business Ethics: presented as live National Public Radio interview, Champagne, Illinois, February 2006.

The "I" in Business Ethics: presented to Illinois State Geological Survey and Department of Geology, University of Illinois at Urbana-Champaign, Champagne, Illinois, February 2006.

The global energy future: think unconventionally: presented to Illinois State Geological Survey, Champagne, Illinois, February 2006.

FutureGen Texas: invited lunch talk presented to Texas Association of Regional Councils, Austin, Texas, December 2005.

The future of global energy: presented to Nevada Petroleum Society, Reno, Nevada, December 2005.

The role of coal in the global energy future: keynote address presented at The Future of Coal Energy Conference, Austin, Texas, December 2005.

Beyond conventional oil: presented to South Texas Geological Society, San Antonio, Texas, November 2005.

Global energy, looking toward the future: presented to Aera Energy, Bakersfield, California, November 2005.

The "I" in Business Ethics: invited lunch talk presented to San Joaquin Geological Society, Bakersfield, California, November 2005.

The energy talent wedge: presented at SPE-International Petroleum Technology Conference, Doha, Qatar, November 2005.

The Gulf Coast, Texas, and CO₂: lunch keynote address presented to Society of Petroleum Engineers Applied Technology Workshop, Galveston, Texas, November 2005.

Beyond EOR: advanced oil recovery and the West Texas energy future: presented at West Texas Geological Society Fall Symposium, Midland, Texas, October 2005.

Hydrocarbons: presented to Engineering Foundation Advisory Council, The University of Texas at Austin, Austin, Texas, October 2005.

Independents must think unconventionally: invited luncheon talk presented to Independent Petroleum Association of America, Houston, Texas, October 2005.

The future of global energy: presented to Learning Activities for Mature People (LAMP), The University of Texas at Austin, Austin, Texas, October 2005.

Future trends: Jackson School Program in Unconventional Gas and CO2 Sequestration: presented at Jackson School of Geosciences Latin American Forum, The University of Texas at Austin and Latin America: Revitalizing Partnerships in Energy and the Environment, Austin, Texas, September 18-20, 2005.

A Federal role in energy: opportunities and public realities: roundtable discussion keynote presented to Science Application International Corporation, hosted by Greater Houston Partnership, Houston, Texas, August 2005.

The "I" in Business Ethics: AAPG International Distinguished Lecture presented as invited lunch talk to Kansas Geological Survey, Kansas City, Kansas, August 2005.

The "I" in Business Ethics: AAPG International Distinguished Lecture presented to Rocky Mountain Association of Geologists, Denver, Colorado, August 2005.

Unconventional gas and global energy: invited lunch talk presented to Highland Lakes Energy Industry Network Group, Marble Falls, Texas, July 2005.

Systematic variations in the Capitan depositional system: McKittrick Canyon, West Texas and New Mexico: presented at American Association of Petroleum Geologists Annual Convention, Calgary, Canada, June 2005.

The "I" in Business Ethics: AAPG International Distinguished Lecture presented as invited lunch talk to American Association of Petroleum Geologists, Division of Professional Affairs (DPA), Annual Convention, Calgary, Canada, June 2005.

The "I" in Business Ethics: invited keynote presented at South-Central Section, Geological Society of America Annual Meeting, AAPG International Distinguished Ethics Lecture, Trinity University, San Antonio, Texas, April 2005.

Unconventional gas resources: invited lecture presented to East Texas Geological Society, Tyler, Texas, April 2005.

Unconventional gas resources: invited lecture presented to Texas Alliance of Energy Producers, Dallas, Texas, March 2005.

Oil and natural gas price: the past may not be a key to the future: invited lecture presented to UT Energy Finance Conference, Houston, Texas, February 2005.

Unconventional gas and global energy: invited lunch talk presented to Shreveport Geological Society, Shreveport, Louisiana, February 2005.

The converging forces: the size of the prize: invited lecture presented at Enhanced Oil Recovery Carbon Management Workshop, Society of Petroleum Engineers Permian Basin Chapter, Midland, Texas, December 2004.

What's up at the Bureau: invited lecture presented to West Texas Geological Society, Midland, Texas, December 2004.

Unconventional gas and global energy: invited presentation to Petroleum Technology Transfer Council, Unconventional Gas Reservoirs Symposium, Farmers Branch, Texas, November 2004.

The future is unconventional: impact on independent producers: invited keynote presented at Independent Petroleum Association of America Annual Meeting, Austin, Texas, October 2004.

The impact of global energy trends on resource estimates, technology, and research models: presented at the executive session, American Association of Petroleum geologists International Conference and Exhibition, Cancun, Mexico, October 2004.

Unconventional gas and global energy: a matter of time: invited keynote presented at Gulf Coast Association of Geological Societies Annual Convention, San Antonio, Texas, October 2004.

Unconventional gas and global energy: is it Mountain Standard Time?: presented to University of Wyoming, Department of Geology and Geophysics Seminar, Laramie, Wyoming, October

2004.

Global energy trends: presented to National Association of Black Geologists and Geophysicists, Austin, Texas, September 2004.

Unconventional gas and global energy: is it Mountain Standard Time?: invited keynote address presented at Rocky Mountain Section, American Association of Petroleum Geologists Meeting, Denver, Colorado, August 2004.

Unconventional gas and global energy: is it Mountain Standard Time?: presented to University of Colorado, Geological Sciences Department Seminar, Denver, Colorado, August 2004.

Unconventional gas in the global energy scene: luncheon address presented at Society of Petroleum Engineers Meeting: Novel Advances in Tight Gas Completion and Production Technology II-ATW, Austin, Texas, July 2004.

Decision Makers Field Trip: Austin, Texas, April 2004.

Unconventional gas and global energy: a matter of time: presented at Future of Sedimentary Geology Forum, Dallas, Texas, April 2004.

Bureau research and the coming gas economy: presented to Petroleum and Geosystems Engineering faculty and students, The University of Texas at Austin, Austin, Texas, March 2004.

Energy and environmental research at the Bureau of Economic Geology, The University of Texas at Austin: presented to Saudi Aramco, , Saudi Arabia, March 2004.

State-USGS collaboration: why even try?: invited kick-off talk presented at National Conference for U.S. Geological Survey managers, Austin, Texas, March 2004.

The coming natural gas economy: keynote address presented at Gas Well Deliquification Workshop, Denver, Colorado, March 2004.

The coming gas economy: presented to the Lafayette Geological Society (invited), Lafayette, Louisiana, February 2004.

Energy studies on State Lands (invited): presented at the General Land Office Western States Land Commissioners Association Conference, Austin, Texas, January 2004.

Summary of a Workshop on U.S. Natural Gas Demand, Supply, and Technology: Looking to the Future: presented to Kathie Olsen and staff, Office of Science and Technology Policy, Executive Office of the President, National Research Council of the National Academies, Washington, D.C., December 2003.

The coming natural gas economy: presented to the Michigan Oil & Gas Association (invited), Mt. Pleasant, Michigan, December 2003.

The coming gas economy: presented to the School of Environment and Earth Sciences, Duke University (invited), Durham, North Carolina, November 2003.

Overview of NRC Workshop on Natural Gas Supply and Demand: presented to NRC Board on Earth Sciences and Resource Meeting, Irvine, California, October 2003.

The coming gas economy: invited address presented at UT Dean's Scholars Lunch, College of Natural Sciences, The University of Texas at Austin, Austin, Texas, October 2003.

Decarbonization: the coming gas economy: presented to Lakeway Men's Breakfast Club, Austin, Texas, September 2003.

The coming gas economy: presented at Bureau Seminar, Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas, September 2003.

The global gas economy: exploration to sequestration: invited address presented at AAPG International Conference & Exhibition, Management Forum: Natural Gas and Global Energy--Future of Gas Markets, Business Strategies, New Technologies and Investment

Opportunities, Barcelona, Spain, September 2003.

Upstream technology for the coming gas economy: presented to San Antonio Association of Professional Landmen, San Antonio, Texas, September 2003.

Decarbonization--the coming natural gas economy: presented to COGA, Rocky Mountain Natural Gas Conference, Denver, Colorado, August 4-5, 2003.

The coming natural gas economy: presented at Sandia National Laboratories, Albuquerque, New Mexico, August 2003.

From rocks to lasers: today's Bureau of Economic Geology and how it impacts Texas: presented to Northwest Austin Rotary Club, Balcones Country Club, Austin, Texas, July 2003.

Natural gas demand and opportunities in Texas and Mexico: invited speaker: presented to the CWC Group of Companies, Seminar on Opportunities for the Mexican Gas Market: Powering the Future, Houston, Texas, June 25-26, 2003.

Upstream technology for the coming gas economy: presented at 65th EAGE Conference and Exhibition, Stavanger, Norway, June 2003.

Bureau introduction and overview: presented at meeting of the Texas PTTC Producers Advisory Group (PAG) and State of Texas Policy Makers, Austin, Texas, May 22, 2003.

Oil and gas research at a critical juncture: invited speaker: presented at American Geological Institute Leadership Forum, Arlington, Virginia, May 2003.

Upstream technology for the coming gas economy: presented to Society of Petroleum Engineers, Austin Section, Austin, Texas, May 2003.

Lasers light the way: 3-D outcrops will revolutionize subsurface modeling: keynote speaker: presented to the Rocky Mountain Association of Geologists, Denver, Colorado, February 28, 2003.

Geologic curation, the BEG, and the Houston Research Center: presented at National Science Foundation Workshop, Preservation of Scientific Research Cores and Collections, Bloomington, Indiana, January 11-12, 2003.

Upstream technology for the coming natural gas economy: presented at South Texas Geological Society lunch, San Antonio, Texas, January 8, 2003.

Upstream technology for the coming gas economy: presented as 2002-03 Society of Petroleum Engineers Distinguished Lecture Program (five lectures in the United States and two in Canada; N. Africa, Middle East, and Far East trips cancelled owing to war in Iraq), 2003.

Depositional topography: key element of stratigraphic interpretation and panacea for log correlation: part 1 and concepts and transitional icehouse-greenhouse systems: part 2: Gulf Coast Section SEPM Foundation, 22nd Annual Bob F. Perkins Research Conference (with Charles Kerans), Houston, Texas, December 2002.

Upstream technology for the coming gas economy: keynote speaker: presented to 11th Venezuelan Geophysical Congress, Caracas, Venezuela, November 2002.

A decade of 3-D reservoir modeling...and a brief glimpse at the future: keynote speaker: presented at ChevronTexaco Geology Forum, Galveston, Texas, October 2002.

A rock revival: core thoughts from the BEG: invited speaker: presented at West Texas Geological Society Fall Symposium, Midland, Texas, October 2002.

Fossil energy in Texas and the Bureau of Economic Geology, luncheon address: presented at 21st Annual Advanced Oil, Gas and Energy Resources Law Seminar, Texas State Bar, Dallas, Texas, October 2002.

"Associated oil": upstream technology to support the natural gas energy future: poster presented

at West Texas Geological Society Fall Symposium, Midland, Texas, October 2002.

Investment in technology for an unconventional natural gas future: invited speaker: presented at World Energy Policy in the 21st Century, College Park, Maryland, September 2002.

Oil and gas technology for the coming gas economy: invited speaker: presented to 17th World Petroleum Congress, Rio de Janeiro, Brazil, September 2002.

There's gas in them thar hills: all-convention luncheon speaker: presented at Rocky Mountain Section/American Association of Petroleum Geologists meeting, Laramie, Wyoming, September 2002.

Oil, water, lasers, and more: today's Bureau of Economic Geology: Invited, Lakeway Men's Breakfast Club, Austin, Texas, August 2002.

Press conference announcing the donation of BP core research facility in Houston to The University of Texas at Austin: presentation at request of UT President Larry R. Faulkner, Austin, Texas, August 2002.

3-D and 4-D Modeling of Reservoirs and Aquifers: Adding New Dimensions to Your Data: Invited, SIPES San Antonio Chapter lunch meeting, San Antonio, Texas, June 2002.

Upstream Technology for the Coming Natural Gas Economy: Invited, Lawrence Livermore National Laboratory, Livermore, California, June 2002.

It's Gonna Be Gas, So Let's Make It a Smooth Ride: Invited, Plenary Session, DOE, Natural Gas Technology--Investment in a Healthy U.S. Energy Future Conference, Houston, Texas, May 2002.

Benefits of research investment: lessons from the oil and gas industry: presented at DOE, Estimating the Benefits of Government-Sponsored Energy R&D (invited panelist), Arlington, Virginia, March 2002.

Fractures, salt, seismic, and ice: vital research components of America's natural gas energy future: presented at the AAPG 2002 meeting, Houston, Texas, March 2002.

Are those extra dimensions worth it? 3-D and 4-D modeling of oil reservoirs and aquifers: presented at the SIPES lunch meeting, Austin, Texas, February 2002.

Gassing up the car and turning on the lights: plate tectonics, sedimentary basins, and hydrocarbon reservoirs: Invited, North Houston Landman's Association, Houston, Texas, February 2002.

Oil and water: rocks and models improve resource understanding: Invited, Houston Geological Society dinner meeting, Houston, Texas, February 2002.

Plates, rocks, volcanoes, meteors and other very cool stuff: presented to Burnet Elementary School, 3rd grade class, Burnet, Texas, February 2002.

A multidimensional Bureau of Economic Geology: 3-D models, 3-D seismic, LIDAR, and other neat technology: Invited, East Texas Geological Society, Tyler, Texas, January 2002.

Getting the word out: linking EarthScope public and K-12 outreach to state geologic surveys: Invited, EarthScope Education and Outreach workshop, Boulder, Colorado, January 2002.

Fractures, salt, seismic, and ice: exploiting new technologies for America's natural gas energy future: invited speaker: presented at Fourth Joint AMGP/American Association of Petroleum Geologists International Conference, Exploration and Development of Gas Plays, Veracruz, Mexico, November 2001.

Where are we and what lies ahead?: presented at panel discussion of Steering Committee, Fourth Joint AMGP/AAPG International Conference, Exploration and Development of Gas Plays, Veracruz, Mexico, November 2001.

The future of gas resources in the southwest United States: presented at the Government Land Office 8th Annual Border Energy Forum (invited panelist), Tucson, Arizona, October 24-26, 2001.

Geoscience technology for the coming gas economy: keynote address: presented at the West Texas Geological Society Symposium, Midland, Texas, October 25, 2001.

What are the future needs and directions for longer-term fundamental research that will lead to the next generation of technology breakthroughs and technology developments?: keynote address: presented to DOE Plenary Workshop, Houston, Texas, October 23, 2001.

Modeling oil, gas, and water: do third and fourth dimensions add value?: presented at Fort Worth Geological Society Meeting, Fort Worth, Texas, October 2001.

3-D modeling of geologic data: from petroleum reservoirs to aquifers?: presented at South Texas Geological Society Meeting, San Antonio, Texas, September 2001.

Visualization Lab demonstrations: presented to The University of Texas System, Chancellor's Council Executive Committee, Austin, Texas, September 2001.

Energy production trends and the role of technology: keynote address: presented at American Association of Petroleum Geologists Prospect and Property Expo (APPEX), Houston, Texas, August 2001.

Oil and gas technology: why should a royalty owner care?: presented at National Association of Royalty Owners Convention, San Angelo, Texas, August 2001.

3-D Reservoir modeling: hydrocarbons and aquifers: presented at the SEPM 75th Anniversary Diamond Jubilee Symposium, American Association of Petroleum Geologists/SEPM Annual Convention, Denver, Colorado, June 2001.

The value of upstream technology and the future of energy research: presented at American Association of Petroleum Geologists Annual Convention in Selected Outstanding Presentations from around the World (invited session), Denver, Colorado, June 2001.

Carbonate sequence stratigraphy and reservoir characterization: presented to Department of Geological Sciences, Northwestern University, Evanston, Illinois, May 2001.

Value of applied research and the natural gas supply: how the U.S. natural gas production curve was built and how it will be sustained in the future: presented to East Texas Geological Society, Tyler, Texas, May 2001.

Current and future opportunities in the state geological surveys: Workshop: American Geological Institute-National Science Foundation, Identifying Geoscience Human-Resources Data Needs--A Workshop for Educators and Employers, University of Maryland University College, Adelphi, Maryland, April 2001.

Does technology really matter?: the value and future of upstream technology in the petroleum industry: presented at Department of Petroleum Engineering Graduate Seminar Series, The University of Texas at Austin, Austin, Texas, April 2001.

Natural gas supply: how the U.S. natural gas production curve was built and how it will be sustained in the future: presented at Austin Geological Society monthly meeting, Austin, Texas, April 2001.

Value of applied research and the natural gas supply: how the U.S. natural gas production curve was built and how it will be sustained in the future: presented to West Texas Geological Society, Midland, Texas, April 2001.

The value of upstream technology and the future of energy research: The Victoria College (invited speaker), Victoria, Texas, February 2001.

Value of applied research and the natural gas supply: how the U.S. natural gas production curve

was built and how it will be sustained in the future: presented at American Association of Petroleum Geologists 20th Annual Leadership Conference, Tulsa, Oklahoma, February 2001.

Value of applied research and the natural gas supply: how the U.S. natural gas production curve was built and how it will be sustained in the future: presented at Second International Petroleum Technology Exhibition (invited speaker), Mexico City, Mexico, February 2001.

No ground truth: keynote address: presented at Hedberg Conference on Geostatistics , The Woodlands, Texas, December 2000.

Value of technology: Workshop: U.S. Department of Energy, Office of Fossil Energy and Office of Natural Gas and Petroleum Technology, Strategic Initiatives (invited participant), Washington, D.C., December 2000.

The value of upstream technology in the petroleum industry: keynote address: presented at Gulf Coast Association of Geological Societies 50th Annual Convention, Houston, Texas, October 2000.

Overview of current and future R&D activities at the Bureau of Economic Geology: presented at Department of Geological Sciences technical session, The University of Texas at Austin, Austin, Texas, September 2000.

Overview of current and future R&D activities at the Bureau of Economic Geology: presented at the Allied Geophysics Laboratories, University of Houston, Houston, Texas, September 2000.

Sequence stratigraphy and 3D modeling of a Pennsylvanian distally steepened ramp reservoir: Canyon and Cisco Formations, South Dagger Draw field, New Mexico, USA: presented to Houston Geological Society, Houston, Texas, September 2000.

Can we believe what we see: seismic signatures in prograding systems?: presented at Permian Basin Section-SEPM workshop, The Impact of Integrated Sedimentology and Stratigraphy on Reservoir Characterization and Field Management Strategies, Midland, Texas, August 2000.

Historical and future impact of BEG reservoir characterization and implementation programs in West Texas: Workshop: Permian Basin Section-SEPM, The Impact of Integrated Sedimentology and Stratigraphy on Reservoir Characterization and Field Management Strategies, Midland, Texas, August 2000.

3-D Reservoir characterization in the absence of seismic, Olson field, San Andres/Grayburg, West Texas: presented at American Association of Petroleum Geologists Annual Convention, New Orleans, Louisiana, April 2000.

Reservoir-scale seismic stratigraphy in prograding systems: time or rock?: presented at American Association of Petroleum Geologists Annual Convention , New Orleans, Louisiana, April 2000.

Structural Controls on Shelf Margin Evolution and Reservoir Distribution in Pennsylvanian Icehouse Conditions: South Dagger Draw Field, New Mexico and Big Hatchet Mountains, New Mexico: presented at American Association of Petroleum Geologists Annual Convention, New Orleans, Louisiana, April 2000.

Sequence Stratigraphy and 3-D Modeling of a Pennsylvanian, Distally Steepened Ramp Reservoir: Canyon and Cisco Formations, South Dagger Draw field, New Mexico, USA: presented at Gulf Coast Section-Society of Economic Paleontologists and Mineralogists Foundation 19th Annual Bob F. Perkins Research Conference, Advanced Reservoir Characterization for the 21st Century, Houston, Texas, December 1999.

From Rocks to Models: Rock-Based Sequence Stratigraphy and 3-D Modeling of Carbonates: presented at University of Michigan, Scott Turner Lecture, October 1999.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Rocky Mountain Association of Geologists

Brown Bag, October 1998.

Integration-More than Just Swinging a Bat: presented at Society of Exploration Geophysics and Society of Petroleum Engineers Forum on Reservoir Characterization, Keynote Speaker, July 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at AAPG Distinguished Lecture: University of Alabama, April 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Fort Smith Geologic Society, April 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Fort Worth Geologic Society, April 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Illinois Geologic Society, April 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Ohio Geologic Society, April 1998.

From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: presented at Pittsburgh Geologic Society, April 1998.

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Activities of a Professional Nature

Professional Societies

American Association of Petroleum Geologists

American Geological Institute Foundation Trustee

American Institute of Professional Geologists

Association of American State Geologists

Austin Geological Society

European Association of Geoscientists and Engineers (EAGE)

Geological Society of America

Gulf Coast Association of Geological Societies

House of Delegates, AAPG, 2004, 2006

National Petroleum Council, Supply Task Group of the NPC Committee on Global Oil & Gas, 2006-

Permian Basin Section-SEPM (Society for Sedimentary Geology)

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