

Scott W. Tinker

Curriculum Vitae

The University of Texas at Austin
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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, *Magna Cum Laude*, Trinity University, San Antonio, Texas, 1982
- Cy Fair High School, Houston, Texas, *Summa Cum Laude*, 1978

Areas of Professional Expertise

- A. Academic executive administration
- B. Executive direction for private and nonprofit organizations
- C. Foundation development
- D. Academic, government, and industry interaction and engagement

Areas of Technical Expertise

- A. Global energy resources, energy technology, and energy policy
- B. Unconventional reservoirs, clean coal, carbon sequestration, and energy nanotechnology
- C. Carbonate sedimentology, sequence stratigraphy, 3-D reservoir modeling
- D. Conceiving, funding and directing major research programs

Professional Work Experience

- A. Present Positions
 - a. Director, Bureau of Economic Geology, The University of Texas at Austin (January 2000–present). Built from less than \$10 million annual in 2000 to \$35 million annual in 2014. Responsible for strategic direction and financial health. Soft money organization with Federal, State, and private competitive grants and contracts. Interact and collaborate routinely with high-ranking state and federal government officials; executive and board-level industrial management; and top-level university leadership. Manage complex program array representing 150 simultaneous active grants and contracts and 250 research, support staff and students. Identify and attract research talent. Develop 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. Identify and lead high-level State-wide collaboration and funding opportunities.
 - c. Professor and Edwin Allday Endowed Chair of Subsurface Geology, Jackson School of Geosciences, The University of Texas at Austin (September 2002–present). Involved in

executive, steering, budget council, faculty, graduate research, and faculty search committees. Advising and graduate committee membership and graduate teaching.

- d. Director, Advanced Energy Consortium (January 2008–present), Chairman (*ex officio*) of the AEC Board of Management. Executive Director of activities for the \$50 million (to date) consortium. Design and manage pre-competitive research in micro- and nanotechnology materials and sensors for the recovery of oil and gas from new and existing reservoirs.
- e. Associate Dean for Industrial Research, Jackson School of Geosciences (September 2009–present). Conceived of, attracted, and currently lead the design and management of several major cross-campus research programs (Shell, ExxonMobil, Statoil, BP, and Petrobras), which provide nearly \$10 million per year in research funding.
- f. Co-Producer and on-screen guide of *Switch* and the *Switch* Energy Project (2008–present). Critically recognized feature-length documentary on global energy has now reached over 3 million people worldwide. The *Switch* Energy project maintains the largest video-based website on global energy in the world (>1 million page loads) and an active array of social media. Latest project is the *Switch* Energy Lab, which is video and written curriculum targeted to primary and high school education.
- g. President Elect (2014-15) and President (2015-16) American Geological Institute

B. Past Positions

- a. **Director**, Petroleum Technology Transfer Council Texas Region (January 2000–2011). Coordinated activities for regional training with Associate Director.
- b. Elected **President**, American Association of Petroleum Geologists (2008–2009). “Chief Executive Officer” for 35,000 member international professional association. Chairman of Executive Committee through which Executive Director and staff of 60 reported.
- c. **President**, Association of American State Geologists (2007–2008). “Chief Executive Officer” for professional association comprising the state geologists of each state.
- d. Marathon Oil—Petroleum Technology Center, Littleton, Colorado (1988–2000).
 - i. Advanced Senior Geologist.
 - 1. Proposed and designed million dollar project to characterize Seminole field for Amerada Hess Corporation.
 - 2. Three-dimensional modeling of Marathon’s carbonate reservoirs.
 - 3. In-house expert for exploration and reservoir-scale technical problems in carbonate settings worldwide, including North America, West Africa, and the Middle East.
 - 4. 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.
 - 5. Designed, implemented, and served as mentor in a 3-year, new-hire training program.
 - ii. Senior Geologist.
 - 1. 3-D model construction in the offshore Gulf of Mexico Ewing Bank turbidite complex.
 - 2. 3-D reservoir characterization of Indian Basin field (Pennsylvanian), Howard Glasscock field (Permian) and Olson field (Permian).
 - 3. Description and characterization of Cretaceous carbonates, offshore Gabon.

- iii. Advanced Geologist.
 - 1. 3-D model construction of giant West Texas Yates field.
 - 2. 3-D modeling of Smackover Shongaloo field.
 - 3. 3-D modeling of early Permian Vacuum (Abo) reservoir.
- iv. Geologist II, Marathon Oil.
 - 1. Data acquisition, core description and integration for Yates field.
 - 2. Development of a Geologic Core Description Worksheet.
- e. Union Pacific Resources, Englewood, Colorado (1985–1988).
 - 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, mentor).
 - b. Prospect generation in the Big Horn Basin, Wyoming.
- f. Robert M. Sneider Exploration, Houston, Texas (1982–1983; summer 1984).
 - a. Rock-log calibration and reservoir description of San Andres waterflood, New Mexico.
 - b. Regional interpretation in East Texas basin Jurassic and Cretaceous.
- g. University of Michigan, Ann Arbor, Michigan (1983–1985).
 - i. Teaching Assistant, Introductory Geology.
 - ii. Research Assistant, Museum of Paleontology.
- h. Trinity University, San Antonio, Texas (1980–1982).
 - i. Resident Advisor, Murchison co-ed dormitory; Teaching Assistant, Structural Geology and Introductory Geology.

Professional Fund Raising Highlights

- A. Foundation Development approaching **\$400 million**.
 - a. One of the “Jackson Five” that secured ~ \$350 million to establish the Jackson Endowment and form the Jackson School of Geosciences in 2005.
 - i. Attract other major donors to the Jackson School.
 - b. Secured an \$11 million gift of land, buildings and cash from BP to create the Bureau’s Houston Research Center (HRC) in 2001, the nation’s premier rock curation facility.
 - i. Subsequently created and built \$12 million endowment to run the facility
 - c. In the middle of a \$10 million capital campaign to renovate the BEG research facilities
 - d. Trustee of the AAPG, AGI and AASG Foundations.
 - e. Secured \$4 million dollars and co-produced the *Switch* Energy Project.
 - f. Secured \$300k in gifts to support the 2012 GCAGS Annual meeting and \$125k to support the 2012 AASG annual meeting; the largest ever for each event
- B. Program Development approaching **\$400 million**
 - a. Since 2000, the Bureau has grown steadily from a \$10 million/year revenue organization to a \$35 million/year revenue organization. This represents on the order of \$350 million in total external funding during my time as director.
 - b. STARR: Across several legislative sessions increased state support from \$500k/year in 2000 to \$5 million/year in 2014.

- c. Added a new \$500k/year state funded revenue neutral project in 2013.
- d. Sloan Foundation Shale Gas Research Initiative: co-wrote and serve as coordinating PI for two \$1.5 million grants to consider the long-term (2050) production forecast and estimated ultimate recovery (EUR) in four U.S. shale basins and two shale oil basins.
- e. Shell-UT Unconventional Research Program (SUTUR): 2011- present. Conceived of and lead the \$7.5 million five-year research program for campus wide effort.
- f. Unconventional Oil and Gas Research: 2008- Wrote proposal for original \$1.5 million internal grant (2006) and guided research planning and led successful effort to develop partnership with ExxonMobil for a \$3 million program.
- g. Petrobras: 2006–2009 Helped develop and lead 3-year, \$7.5-million multi-project research and education program with Petrobras.
- h. FutureGen: 2005–2007 Led technical team for Texas that reported to the Railroad Commission and Governor; attracted \$5 million in State Funding to the Bureau, which resulted in two Federally short-listed Texas sites out of four total; caused FutureGen specific legislation to be passed; and led to enhanced reputation in carbon sequestration.
- i. STARR: 2005-present. Led effort to increase state support from \$500k/year to \$1.5 million/year in 2003, to \$3 million per year in 2011, to \$3.5 million per year in 2013, to \$5 million per year today.
- j. Advanced Energy Consortium: 2004-present. Developed high-level industry contacts and guided process resulting in cumulative \$50 million to date, 10-company consortium that began officially in 2008 for developing advanced micro and nano subsurface sensors
- k. Carbon Management: 2001- present. Helped conceive and initiate a multi-project \$50 million, 10-year program that includes the Gulf Coast Carbon Center, SE and SW Carb partnerships, Frio brine experiments, CO₂ EOR programs and FutureGen.
- l. PEMEX: 2000–2005 Developed high-level relationships leading to \$3 million dollars of funding and several major basin studies.

Professional Associations: Executive Councils and Committees

American Association of Petroleum Geologists, 1982–present

Honorary Member, selected for 2015

Certified Petroleum Geologist #5403

Member, House of Delegates (HoD) Nomination and Election Committee, 2012–2013

Member, HoD At Large, 2004–present

Chairman, Advisory Council, 2009–2010

Elected President, 2008–2009 (35,000 members globally)

President Elect, 2007–2008

Presidential Candidate, 2006–2007 (elected by global vote)

Member, Audit Committee, 2007–2008

Member, Budget Review and Finance Committee, October 2006–June 30, 2007

Member, Tactical Operation Committee III, July 2006–2007

Chair, Tactical Operations, 2007–2008

Chair, Budget Review & Finance Committee, 2007–2008

Member, House of Delegates, 2004–2008

Distinguished Ethics Lecturer, 2005–2006

Co-chair, Forum on the Future of Global Energy: Technical, Environmental, Economic, and Policy Issues (DEG/SEPM/EMD): AAPG Annual Meeting, Dallas, Texas, April 2004

International Steering Committee, 2001 AMGP (Asociacion Mexicana de Geologos Petroleros)/AAPG International Conference in Vera Cruz, Mexico, 2001

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

Core and Sample Preservation Committee, 2000–present

Education Committee, 1999–2005

Field Seminar Sub-Committee Chairman on Education Committee, 1999–2006

Associate Editor for AAPG Bulletin, 1997–1999

Technical Session Judge at AAPG Annual meetings: 1993, 1996, 1999

Distinguished Lecturer, 1997–1998

Field Seminar Leader, 1998, 2000

Session Chair at Annual Meeting, 1994, 2001, 2004

American Association of Petroleum Geologists Foundation

Trustee Associate, 2008–present

American Geological Institute Foundation

Foundation Trustee, 2001–present

American Institute of Professional Geologists, 2001–present

Certified Professional Geologist #10564

American Geosciences Institute

President Elect 2014–2015

Association of American State Geologists, 2000–present

Data Preservation Committee, Chairman, 2008

Past President, 2007–2008

President, 2006–2007

President Elect 2005–2006

Vice President, 2004–2005

Executive Committee, 2004–2007

Committee to Implement the AASG/USGS MOU, 2005

Awards Committee, 2004

Booth Committee, 2004

Geological Society of America Affiliated Societies, alternate, 2004

Energy and Mineral Policy Committee, 2000–present, Chairman, 2002–2003; 2010–present

Subcommittee on AASG Energy/Oil & Gas Legislation, 2001–2006

U.S. Potential Gas Committee, 2000–present, Chairman, 2003–2006

Coastal Processes Committee, 2000

Continental Margins Committee, 2000

Liaison Committee, 2000–2006

Earth Science Education Committee, 2001–2007

Lead for USGS Central States Cluster, 2003

Association of American State Geologists Foundation

Trustee, 2007-present

Austin Geological Society, 2000–present

House of Delegates, AAPG, 2004–present

President, 2002–2003

President Elect, 2001–2002

European Association of Geoscientists and Engineers, 2003–2012

Geological Society of America, 2003–present

GSA Fellow, 2012

Halbouty Distinguished Lecturer 2013

Gulf Coast Association of Geological Societies, 1999–present

Past President, 2012–2013

President, 2011–2012

President Elect, 2010–2011

Technical Program Chairman, Steering Committee, GCAGS Annual Convention in Austin, Texas, 2002

Rocky Mountain Association of Geologists, 1997–present

Society for Sedimentary Geology (SEPM), 1984–present

Member, Ad-hoc Committee for Annual Meeting Planning, 2004

Chairman for SEPM for 2004 Annual AAPG Meeting

Member, Permian Basin Section SEPM, 2004–present

Short Course Instructor, 1997, 1999

Society of Exploration Geophysicists, 2000–present

Session Chair at SPE/SEG Forum, 1998

Society of Petroleum Engineers, 1982–present

Panelist, International Petroleum Technology Conference and Exhibition (IPTC), “Developing People: Education, Training, and Cultural Diversity,” Doha, Qatar, November 2005

Distinguished Lecturer, 2002–2003

SPE Primer Committee, 2003–2008

Development Geology and Geophysics Committee, 1992–1994

Session Chair at Annual Meeting in Washington, DC, 1993

Texas Board of Professional Geoscientists, June 2003–present

Certified Professional Geoscientist #1049

West Texas Geological Society, 1993–present

Distinguished Service Award, 2002

WTGS/AAPG Southwest Section Field Trip Leader, Carlsbad, New Mexico, 2000

Industry, University and Government Boards, Executive Councils, and Committees

Industry

Shell Science Council, 2014-present

Member, Energy Forum at the American Academy of Science and Engineering, 2013–present

X Microwave, Investor and Advisor, 2013–present

Southwest Research Institute, Advisory Trustee, 2012–present

P&P dba United Oilfield Services, Investor and Advisory Board, 2012–present

Geo Fossil Fuels, LLC, Board of Advisors, 2012

BP Technical Advisory Council, 2007–2014

Advanced Energy Consortium, Chairman, Board of Management, 2007–present

Brigham Exploration Company, Board of Directors, 2007–2011

Audit Committee

Company sold to Statoil in 2011 for \$4.4 billion

DRM, Board of Advisors, 2006–2008

Quantum Technology Sciences, Inc. (QTSI)

Board of Directors, 2014–present

Board of Advisors, 2005–2007

iReservoir.com, Board of Advisors, June 2002–2007

Schlumberger Doll Research, Client Advisory Board, 1996–1999

University

The University of Texas at Austin

John A. and Katherine G. Jackson School of Geosciences

Panel Chair, Latin American Forum, Unconventional Hydrocarbons, 2011

acting **Associate Dean for Research**, 2010–present

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

Strategic Planning Council, October 2005–2006; 2010–2012

Jackson School of Geosciences & College of Engineering, Collaboration Committee, 2004–05

Executive Committee, 2001–present

Steering Committee, 2001–2005

Cockrell School of Engineering, Strategic Planning Committee, 2009–present

Center for International Energy and Environmental Policy (CIEEP) Advisor, 2005

Committee of the Commission of 125, 2002–2003

Advisory Committee to Service to Society

Department of Geological Sciences

Professor and Allday Endowed Chair, 2002–present

Search Committee for Sedimentary Geologist, 2005

Search Committee for Energy and Mineral Resources Director, 2005

Search Committee for Carbonate Chair, 2005

Graduate Studies Council, 2001–present

Budget Council, 2001–present

Faculty Review Committee, 2000–2001

Energy Institute Advisory Council, ex-officio, January 2010–present

Chair of Chancellor’s Committee for Sandia National Lab Collaboration, 2004–2005
University of Texas Liaison for Texas Technology Initiative, 2005

Dean’s Committee on Formation of the Jackson School of Geosciences, 2001
Vice President’s Committee on ACES Energy Proposal, 2001
University of Texas System, Energy Leadership Council, 2010–present
University of Michigan

Department of Geosciences Advisory Board, 2006–present
Indiana University

Geologic Field Station Advisory Board, 2006–2012
Established Tinker Family Scholarship
Trinity University

Board of Visitors, 2000–present
Established Tinker Family Endowment

State Government

Oil Field Cleanup Fund Advisory Committee, appointed by Lieutenant Governor, 2001–2011
Texas Energy Coordination Council, 2001–2012
FutureGen Texas

Governor Appointed Director of FutureGen Texas Technical Team, 2005–2007
Member, ex-officio, Advisory Board, September 2005–2007
Texas Technology Initiative

State Strategy on Advanced Technology, 2004, 2005
Technology Working Group, 2005
Texas Energy Cluster, 2005
Advisor to Texas Energy Planning Council, February 2004

Federal Government

Sandia National Laboratories Geoscience External Advisory Board (compensated), 2012–present
National Research Council Workshop on the Health Impact Assessment of New Energy Sources: Shale Gas Extraction, Sponsored by The Roundtable on Environmental Health Sciences, Research, and Medicine, 2012

Interstate Oil and Gas Compact Commission, Appointment by Governor of Texas, 2007–present
National Council for Science and the Environment (NCSE), Energy Education Working Group, 2010

National Academies, National Research Council, Board on Energy and Environmental Systems, 2003–2009
Co-Chairman, Future Global Oil Supply/Demand Balance: Workshop on Trends in Oil Supply and Demand and Potential for Peaking of Conventional Oil Production, 2005
Planning Group for Workshop on Issues Related to Peaking of Global Oil Production, 2005

Chairman, Workshop on U.S. Natural Gas Demand and Supply Projection, 2003
Research Partnership to Secure Energy for America, 2007–2009

University of Texas Representative on Board of Directors
National Petroleum Council, Appointment by Secretary of Energy, 2006–present

Committee on Resource Development, 2010–present
Supply Task Group of the NPC Committee on Global Oil & Gas, 2006–present
United States Geological Survey, external member of panel to select Chief Energy Scientist, 2002

Petroleum Technology Transfer Council

Director, Texas Regional Lead Organization, 2000–2011
Producer Advisory Group, 2000–2008
Permanence Subcommittee, 2005

Honors and Awards

- **AAPG Honorary Membership, 2015**
- **TIPRO “Hats Off” Top Award for the Society presented once annually, 2014.**
- **AAPG 2014 Geosciences in the Media National award, 2014.**
- **American Geosciences Institute (AGI) 2013 Outstanding Contribution to Public Understanding of the Geosciences award, 2013.**
- **American Institute of Professional Geologists (AIPG) John T. Galey, Sr., Memorial Public Service Award, 2013.**
- **Michael T. Halbouty Distinguished Lecturer, 2012, Geological Society of America, Keynote Address, “The Global Energy Transition.”**
- **Texas Monthly “Top Producer” recognized as the top geoscientist in Texas, 2012**
- **GSA Fellow, 2011.**
- **Oil and Gas Investor, January 2010, Tinker featured as first of 100 “Industry Icon” -- “Influential individual who will change the energy industry in the new decade and beyond.”**
- AAPG Certificate of Merit, 2008.
- **AAPG International Distinguished Ethics Lecturer, “The ‘I’ in Business Ethics,” 2005–2006.**
- **AAPG Distinguished Service Award, 2005.**
- Academic Keys Who’s Who in Sciences Higher Education, 2004–present.
- **Edwin Allday Endowed Chair** in Subsurface Geology, Jackson School of Geosciences, The University of Texas at Austin, September 2002–present.
- **SPE 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.
- **Best Paper published in Journal of Sedimentary Research in 1998, “Shelf-to-basin facies distribution and sequence stratigraphy of a steep-rimmed carbonate margin: Capitan depositional system, McKittrick Canyon, New Mexico and Texas.”**
- **Marathon Achievement of Company Excellence Award**, for significant contributions to reservoir characterization and understanding leading to improved development of Travis field, 1998.

- **J. C. “Cam” Sproule Memorial Award for Best Paper published in AAPG Bulletin** 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 (April, 1996)
- **AAPG Distinguished Lecturer**, “From Rocks to Models; 3-D Reservoir Characterization,” 1997–1998.
- 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; Magna Cum Laude**; Who’s Who in American Colleges and Universities; Outstanding Young Men of America; **Top Geology Graduate Class of 1982; 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, Vice President and **President of Omega Phi Fraternity**, 1979.
- Trinity University: **President’s Scholarship (4-year); Jesse Jones Scholarship (4-year)**, 1978.
- 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, DC, 1978.

Publications

Books, Book Chapter, Preface, Forward

1. Tinker, S. W., 2009, Carbon dioxide sequestration in geological media – state of the science, AAPG Studies in Geology 59, Tinker Wrote Preface.
2. Laubach, S. E., and Tinker, S. W. editors, 2009, Earth’s Art, Celebrating the Centennial of the Bureau of Economic Geology 1909–2009, 142 p.
3. Leaning Forward, A Memoir by William L. Fisher, 2008, Tinker wrote Foreword.
4. Tinker, S. W., Chair, 2003, Summary of a workshop on U.S. natural gas demand, supply, and technology: looking toward the future: The National Academy of Sciences, Committee on U.S. Natural Gas Demand and Supply Projections: A Workshop, Washington, DC, The National Academies Press, 96 p.
5. Kerans, C., and Tinker, S. W., 1997, Sequence stratigraphy and characterization of carbonate reservoirs: Society of Economic Paleontologists and Mineralogists Short Course No. 40, 130 p.

Articles

1. Tinker, S. W., 2014, Energy 360: Let Science Speak, Not Agendas, Earth, September/October, p. 11.
2. Fu, Q., Horvath, S. C., Potter, E. C., Roberts, F., Tinker, S. W., Ikonnikova, S., Fisher, W. L., and Yan, J., 2014, Log-derived thickness and porosity of the Barnett Shale, Fort Worth Basin, Texas: Implications for assessment of gas shale resource, AAPG Bulletin, September.
3. Tinker, S. W., 2014, Energy 360: Moving Energy—No Easy Feat, But a Vital Conversation, Earth, January, p. 8–9.

4. Browning, J., Tinker, S. W., Ikonnikova, S., Gülen, G., Potter, E., Fu, Q., Smye, K., Horvath, S., Patzek, T., Male, F., and Roberts, F., 2014, Study develops Fayetteville shale reserves, production forecast, *Oil & Gas Journal*, vol. 112.1, January, p. 64–73.
5. Ikonnikova, S., Browning, J., Horvath, S., Tinker, S. W., 2014, Well Recovery, Drainage Area, and Future Drill-well Inventory: Empirical Study of the Barnett Shale Gas Play. 2014 SPE Reservoir Evaluation & Engineering.
6. Tinker, S. W., 2013, Energy 360: Leaving Our Corners for the Radical Middle: New Zealand Sets an Example, *Earth*, September, p. 8–9.
7. Tinker, S. W., 2013, The Future of U.S. Shale and the Role of the Independent, Search and Discovery Article #70145, July, 80 p.
8. Browning, J., Tinker, S. W., Ikonnikova, S., Gülen, G., Potter, E., Fu, Q., Horvath, S., Patzek, T., Male, F., Fisher, W., Roberts, F., and Medlock, III, K., 2013, Barnett Shale Model – 2 (Conclusion) Barnett study determines full-field reserves, production forecast, Part 2, *Oil & Gas Journal*, September.
9. Browning, J., Tinker, S. W., Ikonnikova, S., Gülen, G., Potter, E., Fu, Q., Horvath, S., Patzek, T., Male, F., Fisher, W., Roberts, F., and Medlock, III, K., 2013, Barnett Shale Model – 1 Study develops decline analysis, geologic parameters for reserves, production forecast, Part 1, *Oil & Gas Journal*, August, p. 62–73.
10. Browning, J., Ikonnikova, S., Gülen, G., Tinker, S. W., 2013, Barnett Shale Production Outlook: SPE Economics & Management, July 2013, p. 89–104. SPE 165585.
11. Gülen, G., Browning J., Ikonnikova, S., Tinker, S. W., 2013, Well economics across ten tiers in low and high Btu (British thermal unit) areas, Barnett Shale, Texas: *Energy*, October 2013, v. 60, No. 10, p. 302–315, available online August 2013.
12. Tinker, S. W., Lynch, H., Carpenter, M., and Hoover, M., 2013, Global energy and the role of geosciences: A North American perspective, in Bickford, M.E., ed., *The Impact of the Geological Sciences on Society: Geological Society of America Special Paper 501*, p. 21–51.
13. Tinker, S. W., 2010, Strengthening Connections: Oil and Gas Investor, *Industry Icons*, v. 30, no. 1, p.23.
14. Tinker, S. W., and Potter, E. C., 2009, The unconventional bridge to an alternate energy future, in Carr, T., D'agostino, T., Ambrose, W., Pashin, J., and Rosen, N. C., eds. *Unconventional energy resources: making the unconventional conventional: 29th Annual GCSSEPM Foundation Bob F. Perkins Research Conference*, December 6–8, Houston, p. 1–5.
15. Tinker, S. W., 2009, *The 21st Century Bureau: Bureau of Economic Geology Annual Report 2009*, 100th Anniversary edition.
16. Tinker, S. W., 2009, Global energy-build bridges, not walls: KNOW, The University of Texas at Austin.
17. Tinker, S. W., 2008, Building energy, economy and environmental bridges: *Exploration Production Oil & Gas Review*, v. 6, no. 11, p. 18–20.
18. Tinker, S. W., 2008, Energy myths and a few realities: *Fort Worth Oil and Gas Magazine*, July, p. 19–21.
19. Tinker, S. W., 2007, The role of coal: investments make abundant resource even cleaner, in *2008 Report on solutions to Texas power needs: Clean Coal Technology Foundation of Texas*, p. 20–21.
20. Tinker, S. W., 2006, Making enhanced recovery feasible in natural gas fields: *The American Oil & Gas Reporter*, v. 49, no. 5, p. 58–64.

21. Tinker, S. W., and Tobin, Katie, 2006, FutureGen: the world's first near-zero emissions energy facility: Texas Region Petroleum Technology Transfer Council, Producer News, first quarter 2006, p. 2–3.
22. Tinker, S. W., 2006, The “I” in business ethics: American Institute of Professional Geologists, *The Professional Geologist*, v. 43, no. 2, p. 36–42.
23. Tinker, S. W., 2005, The “I” in business ethics: The University of Texas at Austin, Bureau of Economic Geology Midyear Report 2005, p. 7–16.
24. Tinker, S. W., 2004, Oil and gas in energy research spending; a call for balance: *Oil and Gas Journal*, v. 102.36, p. 18–24.
25. Tinker, S. W., 2004, Unconventional resources to play vital supply role as world transitions to gas: *The American Oil and Gas Reporter*, v. 47, no. 10, p. 63–71.
26. Tinker, S. W., Caldwell, D. H., Cox, D. M., Zahm, L. C., Brinton, Lisë, 2004, Integrated reservoir characterization of a carbonate ramp reservoir, South Dagger Draw field, New Mexico: seismic data are only part of the story, *in* Seismic imaging of carbonate reservoirs and systems: American Association of Petroleum Geologists Memoir 81, p. 91–105.
27. Tinker, S. W., 2003, Oil, gas research at critical point: *AAPG Explorer*, v. 24, no. 5, p. 56–57.
28. Tinker, S. W., 2003, Oil and gas research at a critical juncture: *Geotimes*, v. 48, no. 4, p. 5, 40.
29. Tinker, S. W., 2003, Lasers taking 3-D to next level: *AAPG Explorer*, v. 24, no. 4, p. 30–31.
30. Tinker, S. W., 2003, The future looks to be gas-fired: *AAPG Explorer*, v. 24, no. 2, p. 12–14.
31. Tinker, S. W., 2003, Reservoir characterization—From 1-D to 4-D across three generations: *Business Briefing: Exploration & Production* 2003, November 2003.
32. Tinker, S. W., 2002, Gas faces unconventional future: *AAPG Explorer*, v. 23, no. 5, p. 12–15.
33. Tinker, S. W., 2002, The field: *The Professional Geologist*, v. 39, no. 9, p. 2–4.
34. Tinker, S. W., 2002, Valuing Earth's books: *Geotimes*, v. 47, no. 6, p. 6–7.
35. Tinker, S. W., 2002, Economic geology and Latin America: *Discovery*, v. 16, no. 1, p. 50–53.
36. Tinker, S. W., and Kim, E. M., 2001, Research: energy policy for the future: *Geotimes*, v. 46, no. 6, p. 22–25.
37. Tinker, S. W., and Kim, E. M., 2001, Value of applied research and future of natural gas supply: how the U.S. natural gas production curve was built and how it will be sustained in the future: article available on the Bureau's Web site at www.beg.utexas.edu under Presentations.
38. Tinker, S. W., and D. H. Caldwell, 2001, 3-D reservoir modeling: hydrocarbons and aquifers: presented at the SEPM 75th Anniversary Diamond Jubilee Symposium, AAPG/SEPM Annual Convention, Denver, Colorado, June 2001.
39. Kerans, Charles, and Tinker, S. W., 1999, Extrinsic stratigraphic controls on development of the Capitan Reef Complex, *in* Geologic framework of the Capitan Reef: SEPM (Society for Sedimentary Geology) Special Publication No. 65, p. 15–36.
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Thesis

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

Testimony and Briefings

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31. Written testimony submitted to the House Committee on Appropriations, Subcommittee for Interior and Related Agencies for FY 2005 budget, April 2004.
32. Invited testimony presented to the Texas State Board of Education, *Role of Bureau in Earth Science Education and the Need for Earth Science of Children in Texas*, Austin, Texas, February 2004.
33. Written testimony submitted to the U.S. Senate and House Subcommittee on Interior and Related Agencies for FY 2004 Appropriations, April 2003.
34. Invited panelist on resource usage at National Research Council/National Academy of Engineering Energy Symposium, Washington, DC, October 2001.

35. Invited testimony presented at 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, August 2001.
36. Invited testimony presented to the Subcommittee on Energy of the Committee on Science of the U.S. House of Representatives at the subcommittee's *Hearing on Fiscal Year 2002 Budget Authorization Request for the Department of Energy*, Washington, DC, April 2001.
37. Invited resource witness to Texas House of Representatives Energy Resource Committee, Austin, Texas, March 2001.
38. The future of the Texas oil and gas industry: presented to Texas Energy Coordination Council on behalf of Texas Senate Natural Resources Committee, Austin, Texas (with W. L. Fisher), April 2000.

Public Lectures and Addresses

1. U.S. Shale Gas in 2030, The Oilfield Breakfast Forum, Houston, TX, **panel talk**, October 31, 2014.
2. Subsurface Nanosensing, The Oilfield Breakfast Forum, Houston, TX, **panel talk**, October 31, 2014.
3. The Role of Shale Gas in the U.S. Energy Transition, Recoverable Resources, Production Rates, and Implications, Overview and Geology, Rice Sloan Study Conference, Houston, TX, **panel talk**, October 30, 2014.
4. US Oil and Gas: Technology, Trends and Alternatives, ALLETE Board of Directors meeting, Duluth, MN, **strategic talk**, October 27, 2014.
5. Secure Energy and the Role of Sustainability, GSA 2014 Annual Meeting, Vancouver, Canada, **invited topical session**, October 19, 2014.
6. Talent Through Diversity, GSA 2014 Annual Meeting, Vancouver, Canada, **invited topical session**, October 19, 2014.
7. The Three "Es" Of America's Energy Future – Energy, Environment & Economy, American College of Environmental Lawyers (ACOEL) Annual Meeting, Austin, Texas, **keynote**, October 17, 2014.
8. Geo Generations, A Sixty Year Account (with Tom Tinker), University of Michigan Alumni Advisory Board, Ann Arbor, Michigan, **distinguished alumni lecture**, October 10, 2014.
9. The Waltz of the Five Es: Energy, Environment, Economy, Efficiency and Education, Governor Phil Bryant's 3rd Annual Energy Summit, Jackson, Mississippi, **lecture**, October 8, 2014.
10. The Role of Shale Gas in North American and Global Power Markets, Gulf Coast Power Association (GCPA) Fall Conference, Austin, Texas, **luncheon keynote**, October 1, 2014.
11. The 21st Century Energy Industry: It's in Your Hands Now!, Devon Technology Conference, Oklahoma City, Oklahoma, **evening keynote**, September 30, 2014.
12. *Switch* screening, Devon Technology Conference, Oklahoma City, Oklahoma, Introduction and Question and Answer, September 30, 2014.
13. ND Energy: Opportunities and Challenges, ALLETE annual meeting, Grand Rapids, Minnesota, **Panel**, September 24, 2014.
14. Anatomy of the US Energy Boom, ALLETE annual meeting, Grand Rapids, Minnesota, **keynote**, September 24, 2014.
15. Energy and the Environment: Seeking the Radical Middle, SPE Environmental Stewardship in Oil and Gas Development, Austin, Texas, **luncheon keynote**, September 23, 2014.
16. U.S. Shale Gas in 2013: Impact and Options, Schlumberger Regional Forum for Unconventionals, Oklahoma City, Oklahoma, **evening keynote**, September 22, 2014.

17. Adapting for Change: Stories from “The Patch,” Pricewaterhouse Coopers Petroleum University, Houston, Texas, **keynote**, September 16, 2014.
18. Energy Security, Economy & the Environment, WPPI Energy annual meeting, Wisconsin Dells, Wisconsin, **keynote**, September 11, 2014.
19. Marcellus Shale: “Bottom Up” Integrated Assessment of Future Production and Reserves, Unconventional Resources Technology Conference (URTeC), Denver, Colorado, **Panel**, August 25, 2014.
20. Unconventional Reservoir Future: Science, Technology, and Economics, Unconventional Resources Technology Conference (URTeC), Denver, Colorado, **luncheon keynote**, August 25, 2014.
21. Global Energy Dynamics and the Impact on US Markets, Southern Gas Association meeting, New Orleans, Louisiana, **keynote**, July 28, 2014.
22. The Future of US Shale Gas, Houston Producers Forum, Houston, Texas, **luncheon keynote**, July 15, 2014.
23. Global Energy – What Will it Take to Make the Switch, TCEQ Summer Intern Conference, Austin, Texas, **invited talk**, July 10, 2014.
24. The Role of Shale Gas in North American and Global Power Markets, DTE Energy Gas Midstream meeting, Bay Harbor, Michigan, **keynote**, July 7, 2014.
25. Global Energy Trends, Mitsubishi, Tokyo, Japan, strategic, June 24, 2014.
26. U.S Shale Gas: Future Production, Environmental Impacts and Fuel Options, Associated Electric Cooperative annual meeting, Branson, Missouri, **keynote**, June 10, 2014.
27. NOC Performance in an Internationally Competitive Business Environment, Congreso Mexicano del Petroleo in Acapulco (Asociacion Mexicana de Geologos Petroleros {AMGP}), Acapulco, Guerrero, Mexico, **luncheon keynote**, June 5, 2014.
28. A brief look at the global energy scene, Rotary Club of Austin, Austin, TX, **invited talk**, May 20, 2014.
29. US shale and the future of energy production, 9th Annual South Texas Money Management (STMM) Energy Symposium, San Antonio, Texas, **keynote**, May 14, 2014.
30. Global Energy and the Role of Technology, ExxonMobil Research and Engineering Company’s R&D leadership community meeting, Basking Ridge, New Jersey, **keynote**, May 6, 2014
31. Energy and Environment Session, Council of Scientific Society Presidents (CSSP), Washington, DC, **Panel**, May 5, 2014.
32. Environmental Risks and Economic Benefits of Hydraulic Fracturing, PowerSouth Energy Cooperative Board Meeting, Andalusia, Alabama, **keynote**, April 25, 2014.
33. *Switch* screening, Ohio State University, Columbus, Ohio, Introduction and Question and Answer, April 14, 2014.
34. Musings on Academic-Industry Partnerships, BEG Industry Day, Austin, Texas, **luncheon keynote**, April 11, 2014.
35. The Future of US Shale, AAPG ACE, Houston, Texas, **luncheon keynote**, , April 9, 2014.
36. Panel Moderator, .Shale Gas Reserves and Production: Accelerators and Inhibitors, AAPG ACE, Houston, Texas, April 8, 2014.
37. Global Energy: It's in Your Hands Now, BHP Billiton Petroleum, Houston, Texas, invited lecture, April 2, 2014.
38. Reserve and Production Forecasts for the Barnett, Fayetteville and Haynesville Shale Gas Systems, East Texas Geological Society, Tyler, Texas, **invited talk**, April 1, 2014.

39. *Switch* Question and Answer and discussion, LBJ Alliance for Energy Policy, Austin, Texas, March 28, 2014.
40. Unconventional Oil and Gas: Mountain or Molehill?, UT FORUM, Austin, Texas, **invited lecture**, March 28, 2014.
41. Defining Impact of Shale Gas to the Utility Industry, Oracle Industry Connect Conference, Boston, Massachusetts, **keynote**, March 26, 2014.
42. State of Tomorrow, American Public Power Association, CEO Roundtable, **keynote**, Phoenix, Arizona, March 25, 2014.
43. The 21st Century Energy Industry: It's in Your Hands now!, BP Challenge Summit, **keynote**, Houston, Texas, March 20, 2014.
44. The 21st Century Energy Scene: It's not your Father's Industry!, Women's Energy Network, **keynote**, Dallas, Texas, March 18, 2014.
45. Shale and the Global Energy Future, 67th Ohio Oil and Gas Association Winter meeting, **keynote**, Columbus, Ohio, March 7, 2014.
46. Global Energy and the Role of Shale, Michigan Oil and Gas Association (MOGA), **keynote**, Traverse City, Michigan, February 21, 2014.
47. US Shale Gas Reserve and Production Forecasts and Implications for Shale Oil, Microseismic Client meeting, Houston, Texas, **keynote**, February 19, 2014.
48. Southern Gas Association (SGA), The Impact of Shale on North American and Global Gas Markets, **keynote**, Austin, Texas, February 18, 2014.
49. The Impact of Shale on the North American and Global Gas and Oil Markets, General Electric Co. Leadership Team, **keynote**, Charleston, South Carolina, February 5, 2014.
50. The 21st Century Energy Industry: Students, It's in Your Hands now!, University of North Carolina, **distinguished lecture**, Charlotte, North Carolina, February 4, 2014.
51. UT Austin Geological Sciences class, *Switch* Question and Answer, Austin, Texas, January 30, 2014.
52. The Global Energy Transition: An Objective Look at Drivers and Pace, UT School of Law 9th Annual Renewable Energy Law Conference, **keynote**, Austin, Texas, January 29, 2014.
53. The Role of Shale Gas in the US Energy Future, AAPG and the Division of Professional Affairs, Playmaker 2.0, **luncheon keynote**, Houston, Texas, January 23, 2014.
54. A Brief Update on US Core Repositories, New Generation Technology in Deep Carbon Science Symposium, Rice University, **invited** talk, Houston, Texas, January 15, 2014.
55. An Objective Look at 21st Century Energy, UT QUEST, **invited** talk, Austin, Texas, January 14, 2014.
56. Global Energy Market Overview, Farm Foundation, NFP Round Table, **invited** panelist, Houston, Texas, January 9, 2014.
57. *Switch* screening, Industry Council on the Environment (ICE), Question and Answer and Discussion, Austin, Texas, December 12, 2013.
58. The Role of Oil and Gas in Today's Global Energy Scene, Williston Basin Chapter of the American Petroleum Institute (API), **keynote**, Williston, North Dakota, December 5, 2013.
59. Global Implications of Shale Gas, MITRE Corporation, **invited** panelist, McLean, Virginia, December 4, 2013.
60. *Switch* screening, University of Illinois Urbana-Champaign, Introduction and Question and Answer, Champaign, Illinois, December 3, 2013.
61. Ramblings on decarbonization, University of Illinois Urbana-Champaign, **invited** dinner remarks, Champaign, Illinois, December 3, 2013.

62. The Role of Shale Gas in the US Energy Future, University of Illinois Urbana-Champaign, **invited** lecture, Champaign, Illinois, December 3, 2013.
63. Will the shale boom last? Texas Monthly/Rice University energy panel, **invited** panelist, Houston, Texas, November 19, 2013.
64. The Role of Oil and Gas in Today's Global Energy Scene, ConocoPhillips, The Woodlands, Texas, **keynote**, November 18, 2013.
65. Leaving our Corners: Leadership in Today's Global Energy Scene, Southern Gas Association, **invited keynote**, Kiawah, South Carolina, November 18, 2013.
66. *Switch* screening, The University of Arizona, Introduction and Question and Answer, Tucson, Arizona, November 6, 2013.
67. Leaving our Corners: Bringing Government, Industry, Academia and NGOs Together, Interstate Oil and Gas Compact Commission (IOGCC) annual meeting, **invited** talk, Long Beach, California, November 5, 2013.
68. The Future of U.S. Shale Reservoirs, Interstate Oil and Gas Compact Commission (IOGCC) annual meeting, **invited** talk, Long Beach, California, November 5, 2013.
69. *Switch* screening, Center of Science and Industry (COSI), Introduction and Question and Answer, Columbus, Ohio, November 1, 2013.
70. Leaving our Corners: Real Change in Today's Global Energy Climate, **invited keynote**, IHS Explore: Energy, Houston, Texas, October 30, 2013.
71. Global Energy and the Role of Geosciences: A North American Perspective, talk, GSA Annual Meeting and Exposition: Special Authors Session, Denver, Colorado, October 27, 2013.
72. State Geologist Panel - State Geological Surveys; Critical to Public Health, Welfare, and Economy, **invited** Panel, AIPG Annual meeting, Broomfield, Colorado, October 24, 2013.
73. *Switch* screening, Dallas Petroleum Club, Introduction and Question and Answer, Dallas, Texas, October 23, 2013.
74. Environmental Risks and Economic Benefits of Hydraulic Fracturing, **invited keynote**, The Association of Edison Illuminating Companies, Kiawah, South Carolina, October 17, 2013.
75. What the "Frack" is Going on in Global Energy?, **invited keynote**, EDF Trading North America Annual Energy Conference, South Bend, Indiana, October 9, 2013.
76. The 21st Century Energy Industry: It is Your World Now, **invited** talk, Petroleum Academy / PricewaterhouseCoopers, Houston, Texas, October 1, 2013.
77. The 21st Century Energy Mix, **invited keynote**, Imperial College Oil Technology Centenary Conference 2013, London, England, September 23, 2013.
78. *Switch* screening, Imperial College - Oil Technology Centenary Conference 2013, Introduction and Question and Answer, London, England, September 23, 2013.
79. Adapting to Change: Stories from "The Patch", **invited** talk, PricewaterhouseCoopers, Houston, Texas, September 17, 2013.
80. *Switch* screening, ECP Forum, Technie Oil & Energy, Introduction and Question and Answer, Quito, Ecuador, September 11, 2013.
81. FraKs, NuKs, and Koal: What Latin America can learn from the global K's, **invited** luncheon talk, AAPG ICE, September 9, 2013.
82. Shale gas reserve and production forecasting: it takes a team, **invited** talk, Unconventional Energy workshop, Austin, Texas, September 4, 2013.
83. Plenary Panel Moderator, Unconventional Resources Technology Conference (URTEC), Denver, Colorado, August 12, 2013.

84. *Switch* screening, South Metro Denver Chamber, Question and Answer, Denver, Colorado, August 12, 2013.
85. Global Energy Trends, **invited** talk, Huntington Ingalls Industries, Newport News, Virginia, August 8, 2013.
86. *Switch* screening, Repsol, Introduction and Question and Answer, Woodlands, Texas, July 9, 2013.
87. *Switch* screening, Independent Petroleum Association of America (IPAA), Introduction, Dana Point, California, June 25, 2013.
88. The Future of U.S. Shale and the role of the independent, **invited** talk, Independent Petroleum Association of America (IPAA), Dana Point, California, June 25, 2013.
89. *Switch* screening, King & Spalding, Question and Answer, Houston, Texas, June 19, 2013.
90. What the Frack is Going on with Global Energy?, **Keynote** address, Southwestern Energy, Houston, Texas, June 19, 2013.
91. K is for, **Keynote** address, Society of Independent Professional Earth Scientists (SIPES), Santa Fe, New Mexico, June 18, 2013.
92. *Switch* screening, New England Aquarium, Introduction and Question and Answer, Boston, Massachusetts, May 30, 2013.
93. Global Hydrocarbon Supply Outlook, **Keynote** address, U.S. Energy Services, Minneapolis, Minnesota, May 15, 2013.
94. *Switch* screening, U.S. Green Building Council, Introduction and Question and Answer, Austin, Texas, May 13, 2013.
95. *Switch* screening, HRC 10th Anniversary Celebration, Introduction and Question and Answer, Houston, Texas, May 9, 2013.
96. Global Energy Outlook: Adapting to Evolving Energy Portfolios and Shifting Demands, **Invited** Panel Moderator, Offshore Technology Conference, Next Wave program, Houston, Texas, May 6, 2013.
97. GSA *Switch* screening, University of Southern California, Introduction and Question and Answer, Los Angeles, California, May 2, 2013.
98. A Global View of Shale, **Invited** Panel Member, PricewaterhouseCoopers, World Affairs Council of Houston, Houston, Texas, May 1, 2013.
99. The Switch Energy Project, **Keynote** address, Potential Gas Committee, Marco Island, Florida, April 29, 2013.
100. The Role of Unconventional Oil and Gas Reservoirs in the Global Energy Future, **Keynote** address, JASON Program Office - The MITRE Corp, McLean, Virginia, April 26, 2013.
101. GSA *Switch* screening, University of California, Davis, Introduction and Question and Answer, Davis, California, April 23, 2013.
102. The role of natural gas in the global energy future, **Keynote** address, Airgas, Inc., Radnor, Pennsylvania, April 22, 2013.
103. *Switch* virtual screening, Southern Union Gas, Question and Answer, Austin, Texas, April 19, 2013.
104. UT-Austin Energy Summit, **Invited** Panel Member, Houston, Texas, April 18, 2013.
105. Energy Independence: To Frack or not to Frack, Luncheon **keynote**, Shell Alumni Group, Austin, Texas, April 17, 2013.
106. Role of hydraulic fracturing in the global future, **Keynote** address, Fairmount Minerals, Houston, Texas, April 16, 2013.
107. Global energy overview and discussion, **Keynote** address, Fairmount Minerals, Houston, Texas, April 16, 2013.

108. State of Tomorrow – Energy, Environment and the Economy, **Keynote** address, Gas Compressor Association, Galveston, Texas, April 15, 2013.
109. GSA *Switch* screening, Montana State, Introduction and Question and Answer, Bozeman, Missouri, April 11, 2013.
110. Developments in Mudrocks, nanosensors, and energy alternatives: three things of interest to Denver energy executives, Luncheon **keynote**, First Tuesday, Denver, Colorado, April 2, 2013.
111. Subsurface nanosensors, mudrock reserves, and alternative energy: three things of interest to the IOR community, **Keynote** address, University of Kansas TORP Improved Oil Recovery Conference, Wichita, Kansas, April 1, 2013.
112. *Switch* screening, W. Virginia University, Talk and Question and Answer, Morgantown, West Virginia, March 19, 2013.
113. Open Forum Discussion with broad suite of interest groups on Global Energy, talk, Senate SHJ Event at the Wellington City Art Gallery, Wellington, New Zealand, March 14, 2013.
114. *Switch* screening, Industry and university group, Introduction and Question and Answer, Taranaki New Zealand, March 14, 2013.
115. *Switch* screening, Geological Survey of New Zealand (GNS), Introduction and Question and Answer, Wellington, New Zealand, March 13, 2013.
116. The Global Energy Mix, Luncheon **keynote**, Business New Zealand, Wellington, New Zealand, March 13, 2013.
117. *Switch* screening, VIP, Introduction and Question and Answer, Wellington, New Zealand, March 12, 2013.
118. *Switch* screening, World Bank, Introduction and Question and Answer, Washington, DC, February 28, 2013.
119. K is for..., **Keynote** address, UT Energy Forum, Austin, Texas, February 21, 2013.
120. Interim Report on Shale Gas Supply Project and Preliminary Thoughts about Extensions to Shale Oil, Report, Sloan Foundation, New York, New York, February 13, 2013.
121. The U.S. Energy Scene, **Keynote** address, U.S. Business Council on Sustainable Development's Winter Meeting, Austin, Texas, February 7, 2013.
122. Unconventional Oil and Gas Reservoirs: Mountain or Molehill?, **Keynote** address, Oklahoma City University lecture series, Oklahoma City, Oklahoma, February 5, 2013.
123. The Changing Mix of Energy Sources and the Future American Standard of Living, Luncheon **keynote**, St. David's Forum, Austin, Texas, January 17, 2013.
124. The Global Energy Transition: What will it take to make the Switch, Lecture, Collegiate Peaks Forum Series, Bueno Vista, Colorado, January 4, 2013.
125. K is for..., **Keynote** address, Comparative Energy Policies and Technologies in France and the USA, Austin, Texas, December 17, 2012.
126. Energy Security, Luncheon **keynote**, Museum of Natural Science, Houston, Texas, November 13, 2012.
127. *Switch* screening, Austin Geological Society, Introduction and Question and Answer, Austin, Texas, November 12, 2012.
128. Global Energy Security: Parameters and Limits, U.S. Association of Energy Economics (USAEE), **Invited** Panel Member, Austin, Texas, November 7, 2012.
129. *Switch* screening, University of Texas Geological Energy and Environmental Leadership Organization, Question and Answer, Austin, Texas, November 7, 2012.

130. The Global Energy Transition, Geological Society of America, Luncheon **keynote**, Charlotte, North Carolina, November 6, 2012.
131. GSA *Switch* screening, University of California Berkeley, Question and Answer, Berkeley, California, October 29, 2012.
132. The Fertile Crescent of Energy, **Keynote** address, Gulf Coast Association of Geological Societies Annual Conference, Austin, Texas, October 21, 2012.
133. GSA *Switch* screening, University of Michigan, Question and Answer, Ann Arbor, October 18, 2012.
134. Unconventional Oil and Gas: Mountain or Molehill?, **Keynote** address, Famous Austinites Speaker Series, Headliners Club, Austin, Texas, October 17, 2012.
135. GSA *Switch* screening, Colorado School of Mines, Question and Answer, Grand Junction, Colorado, October 10, 2012.
136. GSA *Switch* screening, University of Colorado, Boulder, Question and Answer, Boulder, Colorado, October 9, 2012.
137. GSA *Switch* screening, Stanford University, Question and Answer, Stanford, California, October 8, 2012.
138. Switch: The Global Energy Transition, **Keynote** address, Society of Petroleum Engineers Annual Technical Conference and Exhibition, San Antonio, Texas, October 7, 2012.
139. GSA *Switch* screening, MIT, Question and Answer, Cambridge, MA, October 3, 2012.
140. GSA *Switch* screening, Rensselaer Polytechnic Institute, Question and Answer, Troy, NY, October 2, 2012.
141. GSA *Switch* screening, Duke University, Question and Answer, Durham, NC, October 1, 2012.
142. GSA *Switch* screening, Rice University, Question and Answer, Houston, Texas, September 28, 2012.
143. GSA *Switch* screening, Texas Christian University, Question and Answer, Fort Worth, Texas, September 27, 2012.
144. Unconventional Oil and Gas: Mountain or Molehill? **Keynote** address, West Texas Geological Society Annual Meeting, Midland, Texas, September 26, 2012.
145. *Switch* screening, West Texas Geological Society, Question and Answer, Midland, Texas, September 25, 2012.
146. *Switch* screening, Trinity University, Question and Answer, San Antonio, Texas, September 24, 2012.
147. *Switch: The Global Energy Transition*, Distinguished Scientists Lecture Series, Trinity University, San Antonio, Texas, September 24, 2012.
148. *Switch* screening, New York City premiere, Question and Answer, New York City, New York, September 20, 2012.
149. *Switch* screening, AAPG International Conference and Exhibition, Question and Answer, Singapore, September 17, 2012.
150. The Global Energy Transition: What will it Take to Make the Switch?, **Luncheon speaker**, AAPG International Conference and Exhibition, Singapore, September 17, 2012.
151. Switch: The Global Energy Transition, **Keynote** address, AAPG Rocky Mountain Section, Grand Junction, Colorado, September 10, 2012.
152. The Global Energy Transition, What Will it Take to Make the Switch? All Convention Lunch **Keynote** Speaker, NAPE, Houston, Texas, August 22, 2012.
153. Unconventional Oil and Gas: Mountain or Molehill? **Keynote** address, Forestar Speaker Series, Austin, Texas, August 13, 2012.

154. *Switch* screening, International Geological Congress, Question and Answer, Brisbane, Australia, August 9, 2012.
155. Unconventional Oil and Gas: Mountain or Molehill? Plenary Session, International Geological Congress, Brisbane, Australia, August 7, 2012.
156. *Switch* screening, Shell Teacher STEM Conference, Question and Answer, Houston, Texas, August 1, 2012.
157. *Switch* screening, Alaska Tour, Question and Answer, Anchorage, Alaska, July 12, 2012.
158. *Switch* screening, Alaska Tour, Question and Answer, Fairbanks, Alaska, July 11, 2012.
159. *Switch* screening, Alaska Tour, Question and Answer, Barrow, Alaska, July 10, 2012.
160. *Switch* screening, Alaska Tour, Question and Answer, Anchorage, Alaska, July 6, 2012.
161. Changing the Global Energy Conversation, Texas Exes Speaker Series, **Keynote** address, Austin, Texas, June 22, 2012.
162. The Role of Unconventionals in the Global Energy Future, **Keynote** address, Williston Basin Petroleum Conference, Bismarck, North Dakota, May 24, 2012.
163. The Role of Unconventionals in the Global Energy Future, **Keynote** address, Southwest Section, AAPG Annual Meeting, Fort Worth, Texas, May 21, 2012.
164. *Switch* screening, Anadarko, Question and Answer, Houston, Texas, May 17, 2012.
165. The Global Energy Transition, Corpus Christi Geological Society, **Luncheon speaker**, Corpus Christi, Texas, May 16, 2012.
166. *Switch* screening, McCombs School of Business with SINOPEC, Question and Answer, Austin, Texas, May 15, 2012.
167. *Switch* screening, Traverse City High Schools, Question and Answer, Traverse City, Michigan, May 10-11, 2012.
168. *Switch* screening, MIT Energy Forum, Question and Answer, Boston, Massachusetts, May 1, 2012.
169. *Switch* screening, American Association of Petroleum Geologists Annual Meeting, Question and Answer, Long Beach, California, April 24, 2012.
170. *Switch* screening, Shell and CIMA, Question and Answer, Houston, Texas, April 17, 2012.
171. *Switch* screening, McCombs School of Business Course, 2-day Lecture Series, Austin, Texas, April 9-10, 2012.
172. *Switch* screening, Jackson School Advisory Council Meeting, Question and Answer, Austin, Texas March 29, 2012.
173. *Switch* screening, Capitol Staff, Question and Answer, Austin, Texas, March 28, 2012.
174. Unconventional Oil and Gas: Mountain or Molehill? **Luncheon speaker**, Austin, Texas, April 18, 2012.
175. The Global Energy Transition, East Texas Geological Society, **Keynote** Address, Tyler, Texas, March 27, 2012.
176. *Switch* screening, Latin American Forum, Question and Answer, Houston, Texas, March 26, 2012.
177. The Role of Unconventionals in the Global Energy Future, AIPG, **Keynote** Address, Austin, Texas, March 22, 2012.
178. *Switch* screening, American Institute for Petroleum Geologists Annual Meeting, Question and Answer, Austin, Texas, March 22, 2012.
179. *Switch* screening, Question and Answer, New York City, New York, March 21, 2012.
180. *Switch* screening, Question and Answer, New York City, New York, March 20, 2012.

181. *Switch* screening, PricewaterhouseCoopers and CIMA Question and Answer, Houston, Texas, March 19, 2012.
182. *Switch* screening, NAPE Conference, Introduction, Houston, Texas, February 21, 2012.
183. The Global Energy Transition, Washington & Lee University, **Keynote** Address, Lexington, Virginia, February 15, 2012.
184. The Global Energy Transition, Texas Enterprise Speaker Series, **Keynote** Address, Austin, Texas, February 7, 2012.
185. The Global Energy Transition, American Association for Petroleum Landman Austin Chapter, Austin, Texas, February 3, 2012.
186. The Global Energy Transition, **Keynote** Address, Topsides, Platforms, & Hulls Conference, New Orleans, Louisiana, January 31, 2012.
187. BEG State of the Bureau Address, Austin, Texas, January 20, 2012.
188. Global Energy Supply and Demand, **Keynote** Address, World President's Organization, Houston, Texas, January 24, 2012.
189. *Switch* screening, Question and Answer, Austin, Texas, January 26, 2012.
190. *Switch* screening, Question and Answer, Houston, Texas, January 25, 2012.
191. *Switch* screening, Question and Answer, Houston, Texas, January 24, 2012.
192. The Global Energy Transition, What Will it Take to Make the Switch, **Invited** Talk, Colorado University, Boulder, Colorado, January 18, 2012.
193. The Global Energy Transition, **Luncheon speaker**, SIPES Austin Chapter, Austin, Texas, January 5, 2012.
194. *Switch* screening, Alamo Drafthouse, Question and Answer, Austin, Texas, December 1, 2011.
195. The Future of Global Energy, **Keynote** Address, PricewaterhouseCoopers, Houston, Texas, November 5, 2011.
196. What the World has Taught Me about Energy this Year, **Keynote** Address, LBJ School of Law EMEIBL Program, Austin, Texas, November 3, 2011.
197. *Switch* screening, Alamo Drafthouse, Question and Answer, Austin, Texas, October 18, 2011.
198. *Switch* screening, the University of Texas at Austin, Question and Answer, Austin, Texas, October 17, 2011.
199. Energy for the next 20 years, Panel discussion at the SXSW Eco Conference, Austin, Texas, October 5, 2011.
200. Global Energy, **Keynote** address at the Energy Enlightenment Symposium, Gunnison, Colorado, September 30, 2011.
201. Global Perspective on the Future of Energy, **Keynote** address at the University of Michigan, Ann Arbor, Michigan, September 26, 2011.
202. What the World has Taught Me about Energy this Year, **Keynote** address to the Brownsville Public Utility Board, Brownsville, Texas, September 1, 2011.
203. The Role of Shales in Future of Energy Supply, **Keynote** address to the Society of Petroleum Engineer (SPE) Workshop on Eagle Ford Shale, Austin, Texas, August 24, 2011.
204. What the World has Taught Me about Energy this Year, **Keynote** address at the Texas Public Power Association Annual Meeting, San Antonio, Texas, July 26, 2011.
205. The Bridge-An Energy Education Project, **Keynote** address at the NGP 2011 Sante Fe Strategy Seminar, Santa Fe, New Mexico, July 15, 2011.

206. The Future of Global Energy, **Keynote** address at the Society of Independent Earth Scientists' Future of Global Energy symposium, Dallas, Texas, June 16, 2011.
207. The Future of Energy in Texas, **Keynote** address at the Nature Conservancy's meeting, Dallas, Texas, June 16, 2011.
208. The Entrepreneurial Survey, Panel presentation at the Association of American State Geologists Annual Meeting, Dubuque, Iowa, June 13, 2011.
209. University-Industry Partnerships: the Advanced Energy Consortium Model, **Keynote** address at the SPE R&D Symposium, Austin, Texas, June 6, 2011.
210. What the World has Taught me about Energy this Year, **Keynote** address at the National Regulatory Conference, Williamsburg, Virginia, May 19, 2011.
211. What the World has Taught me about Energy this Year, **Keynote** address at the South Texas Money Management Energy Symposium, San Antonio, Texas, April 27, 2011.
212. Renewable Energy Options, **Invited** speaker at the TAMEST Texas Energy Summit, College Station, Texas, April 20, 2011.
213. Energy of the Future: Blanton Museum of Art, Austin, Texas, March 30, 2011.
214. Panel Chair: Unconventional Hydrocarbons, Development Challenges: Latin American Forum, Cartagena, Columbia, March 21, 2011.
215. Energy: Powering the Future: **Invited luncheon speaker** at the CoRE Education Lecture Series, Colorado School of Mines, Golden, Colorado, March 9, 2011.
216. Global Energy Outlook: **Keynote** address at TIPRO's 65th Annual Meeting, Austin, Texas, March 1, 2011.
217. Discussion Panel Member at Energy Resources in 20 years panel sponsored by McCombs School of Business, Austin, Texas, February 3, 2011.
218. The Role of Shale Gas in the U.S. Energy Future: Global Implications: **Keynote** address presented at the GeoIndia, Greater Noida, India, January 13, 2011
219. The AEC and Global Energy: Plenary speaker at the Advanced Energy Consortium's Bi-Annual All Projects Review, Austin, Texas, December 7, 2010.
220. The Bridge – An Update: Luncheon presentation at the AGI Foundation's Quarterly Meeting, Houston, Texas, December 3, 2010.
221. Natural Gas in Context: **Invited** presentation at the Center for Energy Economics Annual Meeting, Houston, Texas, November 30, 2010.
222. A Few Things the World has Taught me About Energy This Year: **Keynote** address presented at the AIPG Ohio Section Annual Meeting, Columbus, Ohio, November 18, 2010.
223. Bureau Update: Presented at the Jackson School of Geosciences Advisory Council Meeting, Austin, Texas, November 11, 2010.
224. Energy for Future Leaders: **Keynote** address presented to the Young Men's Business League, Austin, Texas, November 10, 2010.
225. The Global Energy Transition: Presented at the Bureau of Economic Geology, Austin, Texas, October 28, 2010.
226. The Bridge – An Update: **Invited** speaker at the AAPG Foundation Trustee Associates Annual Meeting, Greensboro, Georgia, October 27, 2010.
227. Global Energy Trends and Technologies: **Keynote** address at the American Petroleum Institute's Annual Meeting, Atlanta, Georgia, October 18, 2010.
228. Change is Good! Making the Most of Volatility: **Keynote** address at the GCAGS Annual Meeting, San Antonio, Texas, October 10, 2010.

229. A Few Things the World has Taught me About Energy This Year: **Invited** speaker at the State of Texas Employee Day, Austin, Texas, October 8, 2010.
230. A Few Things the World has Taught me About Energy This Year: **Keynote** address at the ConocoPhillips “Global Communicators Conference,” Houston, Texas, October 6, 2010.
231. Time, Technology and Transitions: **Keynote** address at the Ursuline Academy, “Energy, Climate and Water” day, Dallas, Texas, October 1, 2010.
232. A Few Things the World has Taught me About Energy This Year: **Keynote** address at the PricewaterhouseCoopers Annual Meeting, Houston, Texas, September 22, 2010.
233. The Unconventional Frontier: Where Ideas and Technology Converge: All Convention Luncheon **Keynote** presented at the AAPG International Convention & Exhibition, Calgary, Canada, September 13, 2010.
234. Leading with Vision: Presented at the Young Professionals Leadership Summit, Tulsa, Oklahoma, August 27, 2010.
235. Electricity Fuel Options for the 21st Century: **Keynote** presented at the Minnesota Rural Electric Association’s Energy Issues Summit, St. Cloud, Minnesota, August 12, 2010.
236. ‘The Global Energy Scene’ and ‘Geologic Carbon Sequestration’ (2 lectures): Presented at the National Center for Atmospheric Research, August 10, 2010.
237. A Few Things the World has Taught me About Energy This Year: **Keynote** presented at the Altria Group’s Annual Meeting, July 29, 2010.
238. Micro and Nano Scale Sensors for Oil Exploration & Production (with Jay Kipper): **Keynote** presented at Advanced Energy Consortium’s Annual All Projects Review, Boston, Massachusetts, June 1, 2010.
239. A Few Things the World has Taught me About Energy This Year: **Invited** guest speaker at the U.S. Energy Services Annual Conference, Minneapolis, Minnesota, May 20, 2010.
240. Natural Gas Supply: Presented at the Sloan Foundation Seminar, New York, New York, May 5, 2010.
241. A Few Things the World has Taught me About Energy This Year: **Keynote** presented at the IOR Symposium, Tulsa, Oklahoma, April 27, 2010.
242. A Few Things the World has Taught me About Energy This Year: **Keynote** presented to the West Texas Geological Society, Midland, Texas, April 22, 2010.
243. The Ethical Parameters of AAPG Position Statements: AAPG DPA Lunch Panel on Ethics **Invited** speaker, AAPG Annual Meeting, New Orleans, Louisiana, April 13, 2010.
244. Bureau of Economic Geology – A Powerful Texas Resource: Luncheon address presented during the Texas State Legislative Visit to Pickle Research Center, April 7, 2010.
245. A Few Things the World has Taught me About Energy This Year: **Keynote** presented at the Oklahoma State University Alumni Banquet, Stillwater, Oklahoma, March 27, 2010.
246. Carbon and Climate: **Invited** speaker at the Jackson School of Geosciences Latin American Forum, Panama City, Panama, March 22, 2010.
247. Global Energy – Building 21st Bridges: **Invited** speaker to Reykjavik University, Reykjavik, Iceland, March 5, 2010.
248. The Bridge – A Global Energy Education Documentary: **Keynote** presented at the Dallas Producers Club, Dallas, Texas, February 25, 2010.
249. Carbon Sequestration: Texas Style, **Invited** speaker at the 2010 Carbon and Climate Change Conference, Austin, Texas, February 18, 2010.
250. The Three E Waltz: Energy, Economy, and the Environment: **Invited** speaker at the Air Liquide Corporation North American Senior Leadership Meeting, Lost Pines, Texas, January 22, 2010.

251. U.S. Energy and Carbon: **Keynote** address presented at the CO₂-EOR Carbon Management Workshop, Houston, Texas, December 8, 2009.
252. The Unconventional Bridge to an Alternate Energy Future (with Eric Potter): **Keynote** address presented at the GCSSEPM Annual Meeting, Houston, Texas, December 7, 2009.
253. The Role of Unconventional Gas in the Global Energy Future: **Invited** speaker at the Stanford University – GCEP Energy Seminar, Stanford, California, November 19, 2009.
254. A Few Things the World has Taught me About Energy this Year: **Keynote** address presented at the Anadarko Deepwater Operations Conference, Galveston, Texas, November 11, 2009.
255. The Bridge – A Global Energy Education Documentary: **Keynote** address presented at the Women’s Global Leadership Conference, Houston, Texas, November 4, 2009.
256. Size, Scale, and You!: **Invited** speaker at the Earth Science Week Career Fair, Austin, Texas, October 30, 2009.
257. Electricity Generation Options to Reduce Atmospheric Carbon: **Invited** speaker at the Clean Carbon Policy Summit and Project Expo, Austin, Texas, October 28, 2009.
258. Global Energy – The Increasing Role of Electricity: **Keynote** address presented to the Texas Society of Architects, Houston, Texas, October 23, 2009.
259. 21st Century Geoscience: Our Place in the Universe: **Invited** speaker at the Texas Earth and Space Science Revolution Program, Austin, Texas, October 22, 2009.
260. Carbon Sequestration and Unconventional Gas: **Invited** speaker at the Big XII Government Relations Retreat, The University of Texas at Austin, Austin, Texas, October 22, 2009.
261. Global Energy – Building Bridges, Not Walls: **Keynote** address presented to the Roswell Geological Society, Roswell, New Mexico, October 13, 2009.
262. Developing Intellectual Resources in Geosciences: **Keynote** address presented at AAPG Mid-Continental Section Meeting, Tulsa, Oklahoma, October 12, 2009.
263. Energy, Economy, and Environmental Policy: a Glimpse at the 21st Century: **Invited** speaker at a Public Lecture – Dalhousie University, Halifax, Nova Scotia, October 7, 2009.
264. Global Energy: Myths and Realities: **Invited** speaker at the OTANS CORE Conference, Halifax, Nova Scotia, October 7, 2009.
265. The Current and Future role of unconventional gas in U.S. Energy: **Invited** speaker at the IOGCC Annual Meeting, Biloxi, Mississippi, October 5, 2009.
266. Conference Chair at E&P Technology Summit, The Woodlands, Texas, September 25, 2009.
267. The 21st Century Bureau: Invited speaker at the Bureau of Economic Geology Centennial Symposium, Austin, Texas, August 7, 2009.
268. Global Energy—Build Bridges, Not Walls: **Keynote** address presented to The Texas Public Power Association, San Antonio, Texas, July 28, 2009.
269. Oil: Forgotten but not Gone: Presented at the Association of American State Geologists Annual Meeting, Park City, Utah, June 24, 2009.
270. The Fourth E: Presented at the American Association of Petroleum Geologists Annual Meeting, Denver, Colorado, June 7, 2009.
271. Global Energy Security: Build Policy Bridges, not Walls: **Keynote** address presented at the Schlumberger Meeting, Houston, Texas, May 29, 2009.
272. Global Energy Bridges: Myths, Sound Bites, and Policy: **Keynote** address presented to the SPE Austin Section, May 20, 2009.
273. Global Energy: Building Bridges, not Walls: Presented at South Texas Geological Society, San Antonio, Texas, May 15, 2009.

274. The Next Wave – Dispelling Myths, Informing People and Creating Ambassadors for our Industry: Panel session at Offshore Technology Conference, Houston, Texas, May 6, 2009.
275. Global Energy Policy—Bridges, Not Walls: **Keynote** presented at Nano Science and Technology Institute Nanotechnology Conference, Houston, Texas, May 5, 2009.
276. Global Energy Policy—Bridges, Not Walls: **Keynote** presented at ExxonMobil Upstream Research Company, Galveston, Texas, April 30, 2009.
277. The Impact of Energy Myths, Sound Bites and Dogma on U.S. Energy Policy: **Keynote** address presented at AAPG Southwest Section Annual Meeting, Midland, Texas, April 27, 2009.
278. Global Energy: Build Bridges, Not Walls: Presented to U.S. Energy Services, Phoenix, Arizona, April 23, 2009.
279. Global Energy: Build Bridges, Not Walls: **Keynote** presented to Texas Alliance of Energy Producers, Wichita Falls, Texas, April 22, 2009.
280. Advanced Energy Consortium/CO₂ Sequestration: Presented at ExxonMobil Day at The University of Texas at Austin, Austin, Texas, April 18, 2009.
281. Global Energy: Building Industry, Academic and Government Bridges: Presented at Bureau of Economic Geology Industry Day, Austin, Texas, April 15, 2009.
282. Global Energy: Build Bridges, Not Walls: Presented to Emirates Geological Society, Abu Dhabi, United Arab Emirates, April 8, 2009.
283. Energy Security: Build Global Bridges: Presented to Petroleum Institute – Abu Dhabi, Abu Dhabi, United Arab Emirates, April 8, 2009.
284. Global Energy: Build Bridges, Not Walls: Presented to Kuwait Oil Company, April 7, 2009.
285. Global Energy: Build Bridges, Not Walls: Presented to Dhahran Geosciences Society, Dhahran, Saudi Arabia, April 5, 2009. Global Energy: Build Bridges, Not Walls: Presented to Southeast Asia Petroleum Exploration Society, Bangkok, Thailand, March 23, 2009.
286. Global Energy: Build Bridges, not Walls: Presented to StatoilHydro, Bergen, Norway, March 9, 2009.
287. Systematic Variations in the Permian Capitan System: McKittrick Canyon, West Texas and New Mexico, Presented to University of Aberdeen, Aberdeen, Scotland, March 6, 2009.
288. Global Energy, Economy and Policy: What the Heck is Going on? Presented to University of Aberdeen, Aberdeen, Scotland, March 5, 2009.
289. Global Energy Security: Build Bridges, Not Walls: Presented to AAPG Explorationists, Aberdeen, Scotland, March 5, 2009.
290. Global Energy Bridges: **Keynote** at Opening Ceremony American Association of Petroleum Geologists, APPEX, London, United Kingdom, March 3, 2009.
291. Energy, Economy, and Policy: a Glimpse at the 21st Century: Presented at Gas Well Deliquification Workshop, Denver, Colorado, February 24, 2009.
292. Energy Sound Bites and Counter Bites: Presented at Houston Geological Society Dinner, Houston, Texas, February 9, 2009.
293. 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.
294. Global Energy: Myths and Misconceptions: Presented to LAMP, Learning Activities for Mature People, Austin, Texas, January 29, 2009.
295. Fossil Energy: Opportunities in Research: Presented at United Kingdom – Texas Universities Forum: Challenges in Energy Technologies—Defining Collaborative Opportunities, Austin, Texas, January 26, 2009.

296. Global Energy: Build Bridges, Not Walls: Presented to DGS – UT students, Austin, Texas, January 21, 2009.
297. A Brief Look at Natural Gas and the Barnett Shale: Presented to Landmen’s Association, West Lake, Texas, January 12, 2009.
298. Update on AAPG Activities: Presented at AAPG HOD Luncheon, Houston, Texas, January 7, 2009.
299. Global Energy—Building 21st Century Bridges: Presented at SEAPEX Board Meeting, Singapore, December 5, 2008.
300. Climate Change & Environment, Panel Co-moderator at International Petroleum Technology Conference Panel Session, Kuala Lumpur, Malaysia, December 3, 2008.
301. Global Energy—Building 21st Century Bridges: Presented at Women’s Global Leadership Conference in Energy & Technology, Houston, Texas, November 14, 2008.
302. 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.
303. 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.
304. Global Energy Security: Build Bridges, Not Walls: Presented at Opening Ceremony AAPG International Conference and Exhibition, Cape Town, South Africa, October 26, 2008.
305. Congratulatory Address: Presented at Research Institute for Petroleum Exploration and Development (RIPED) President’s Forum, Beijing, China, October 23, 2008.
306. 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.
307. The Role of Fossil fuels in the Global Energy Future: Presented at the Enterprise Products Partners Annual Meeting, Horseshoe Bay, Texas, October 16, 2008.
308. The Role of Fossil fuels in the Global Energy Future: Presented at the Baker Hughes Engineering Forum, Houston, Texas, October 15, 2008.
309. Global Energy, Economy, and Policy: What the Heck is Going On? Presented at AAPG Eastern Mountain Section Annual Meeting, Pittsburgh, Pennsylvania, October 12, 2008.
310. Global Energy: Myths and Paradoxes: Presented at GSA Foundation – Pardee Coterie, Houston, Texas, October 5, 2008.
311. Global Energy: Building 21st Century Bridges: Presented at PGNiG, Polish Oil & Gas Company, Warsaw, Poland, October 1, 2008.
312. Global Energy: Building 21st Century Bridges: Presented at Wintershall, Kassel, Germany, September 30, 2008.
313. Global Energy: Building 21st Century Bridges: Presented at Deutschen Geophysikalische Gesellschaft, Aachen, Germany, September 29, 2008.
314. Global Energy: Building 21st Century Bridges: Presented at ROSNEFT Research and Technical Center, Moscow, Russia, September 25 2008.
315. Global Energy: Building 21st Century Bridges: Presented at Moscow State University, Moscow, Russia, September 25, 2008.
316. Global Energy: Building 21st Century Bridges: Presented at Royal Holloway, University of London, London, UK, September 23 2008.
317. Public-private Partnerships: Communicating to Decision Makers: Presented at First Annual Geoscience Forum, Washington, DC, September 8, 2008.

318. Global Energy: Myths, Realities and Paradoxes: All-Convention **Keynote** Lunch to Rocky Mountain Section AAPG and Colorado Oil and Gas Association, Denver, Colorado, July 9, 2008.
319. Energy and the Role of State Geological Surveys: **Keynote** at Centennial meeting of the Association of American State Geologists, Shepherdstown, West Virginia, June 29, 2008.
320. Energy Myths: Alumni College of the University of Texas at Austin, June 25, 2008.
321. Carbon, Climate and Energy, What's a Teacher to Think: **Invited** to Texas Teacher's Workshop, Austin, Texas, June 10, 2008.
322. The Role of Fossil Fuels in the Global Energy Scene: **Keynote** to Advanced Energy Consortium Workshop, Austin, Texas, May 21, 2008.
323. Energy Myths and a Few Realities: **Invited** talk presented to Texas Bankers Association, San Antonio, Texas, May 16, 2008.
324. Climate, Carbon, and electricity: a 2030 Energy Rx: Presented at the BEG Decision Makers Meeting, Jewett, Texas, May 8, 2008.
325. Climate and Carbon in A Global Energy Context: Part of Panel Discussion, North American Energy Summit, San Antonio, Texas, May 1, 2008.
326. BEG Research for the 21st Century: Presented on BEG Industry Day, Austin, Texas, April 29, 2008.
327. Downhole Mobile Micro- and Nano-sensors for Advanced Recovery: **Keynote** talk presented to Houston Business Journal, Houston, Texas, April 7, 2008.
328. Global Energy: Trends, Myths, and Realities: **Keynote** talk presented to Pacific Section, American Association of Petroleum Geologists, Bakersfield, California, March 31, 2008.
329. Ten Energy Myths: Carbon in Context: **Invited** talk presented to Texas Alliance Group, Washington, DC, March 10, 2008.
330. Women in Science: Lessons from Academia: **Invited** talk presented at AAPG GEO Meeting, Manama, Bahrain, March 2, 2008.
331. Energy Myths and Current Realities: **Keynote** address presented at AAPG Southwest Section Meeting, Abilene, Texas, February 27, 2008.
332. Geology Rocks: **Invited** talk presented to Spicewood Springs Elementary First Grade Class, Austin, Texas, February 12, 2008.
333. Perspectives on Global Energy, Carbon Sequestration, and Climate: **Keynote** address presented at Beaver Creek Energy Conference, Beaver Creek, Colorado, February 5, 2008.
334. Energy Myths and a Few Realities: **Keynote** address presented at Society of Independent Professional Earth Scientists Board Meeting, Corpus Christi, Texas, January 29, 2008.
335. Carbon Sequestration in a Global Energy Context: Presented at National Academies Workshop, Washington, DC, January 28, 2008.
336. Global Energy Myths and Realities: **Keynote** address presented at USGS Western Region Colloquium, Menlo Park, California, January 14, 2008.
337. Energy Myths and Water Resources: **Keynote** address presented at Thought Seekers Breakfast Meeting, Austin, Texas, November 13, 2007.
338. Carbon Sequestration and Fourteen Texas: **Invited** address presented to Austin Area Research Organization, Austin, Texas, November 12, 2007.
339. The Houston Research Center: **Invited** Chevron Luncheon address presented at The University of Texas at Austin, Austin, Texas, November 5, 2007.
340. AAPG Highlights: **Invited** address presented at Association of American State Geologists Midyear Meeting, Denver, Colorado, October 30, 2007.

341. BEG Nanotechnology Advanced Energy Consortium: **Invited** address presented at Jackson School of Geosciences Advisory Council, Austin, Texas, October 19, 2007.
342. That was Then, This is Now: **Invited** Luncheon address presented at Geologies III Consortium Meeting, Austin, Texas, October 16, 2007.
343. Climate, Carbon and Fourteen: **Keynote** address presented at Texas Mining and Reclamation Meeting, Austin, Texas, October 10, 2007.
344. Energy and Environment Trade Offs, Consequences and Options: Panel Chair, Jackson School of Geosciences, Latin American Forum, Huachuca, Mexico, October 1, 2007.
345. The Role of Coal: Investments make Abundant Resources even Cleaner: Report presented at Solutions to Texas Power Needs, Clean Coal Technology Foundation of Texas, Austin, Texas, October 2007.
346. Global Energy, Myths, Trends and Technology: **Invited** panel presentation for Interstate Oil and Gas Compact Commission, New Orleans, Louisiana, September 25, 2007.
347. Global Energy, Myths and Realities: **Keynote** address presented at Houston Marine Insurance Seminar, Houston, Texas, September 18, 2007.
348. What will Make Me Worth My Very Big Salary?: **Keynote** address presented at First Annual Geoscience Day, Houston, Texas, September 7, 2007.
349. What to do About CO₂: Panel Presentation at Colorado Oil & Gas Association, Denver, Colorado, August 14, 2007.
350. Thoughts on Science and Climate: Panel presentation at Colorado Oil & Gas Association, Denver, Colorado, August 13, 2007.
351. Natural Gas Supply: Implications for Global and U.S. Energy Markets: presented at U.S. Energy Annual Conference, Minneapolis, Minnesota, May 17–18, 2007.
352. Texas FutureGen Site Characterization: Presented at Sixth Annual Conference on Carbon Capture & Sequestration, Pittsburgh, Pennsylvania, May 7–8, 2007.
353. The Bureau of Economic Geology: Energy, Environment, and Education: **Invited** talk presented to China University of Petroleum, Beijing, China, April 2007.
354. Systematic Variations in the Permian Capitan System: McKittrick Canyon, West Texas and New Mexico: **Invited** talk presented to China University of Petroleum, Beijing, China, April 2007.
355. The Bureau of Economic Geology: Energy, Environment, and education: **Invited** talk presented to China University of Petroleum, Dongying, China, April 2007.
356. The Bureau of Economic Geology: Energy, Environment, and Education: **Invited** talk presented to Research Institute of Petroleum Exploration and Development (RIPED), PetroChina, Beijing, China, April 2007.
357. Forming a Clean Coal Industry: **Invited** talk presented to China University of Petroleum, Dongying, China, April 2007.
358. The role of unconventional oil and natural gas in the global Energy future: **Invited** talk presented to China University of Petroleum, Dongying, China, April 2007.
359. The Bureau of Economic Geology: Energy, Environment, and Education: **Invited** talk presented to PetroChina Company Limited, Beijing, China, April 2007.
360. The Role of Unconventional Oil and Natural Gas in the Global Energy Future: **Invited** talk presented to Research Institute of Petroleum Exploration and Development (RIPED), PetroChina, Beijing, China, April 2007.
361. Energy Myths and Misconceptions: **Invited** talk presented to Petroleum Geology class, University of Kentucky, Lexington, Kentucky, April 2007.

362. Unconventional Gas Research and Technology Needs: **Invited** talk presented (with Eric Potter) at SPE 2007 Research and Development Conference, San Antonio, Texas, April 2007.
363. Forming a Clean Coal Industry: **Invited** talk presented to China University of Petroleum, Dongying, China, April 2007.
364. Global Energy: The Waltz of the Three E's: Presented at Seminar, AAPG Student Chapter, Imperial College, London, England, March 2007.
365. FutureGen Texas: **Invited** talk presented at U.S. Senate briefing, Washington, DC, March 8, 2007.
366. Global Energy: Myths and Misconceptions: **Invited** talk presented to the Helena community, Helena, Montana, January 2007.
367. The Global Energy Scene: an Energy, Economy, Environment Waltz: **Keynote** talk presented at Helena Education Foundation Conference, Helena, Montana, January 2007.
368. FutureGen and the Three E Waltz: **Invited** talk presented at Sun City Senior University, Georgetown, Texas, January 2007.
369. Texas FutureGen: of Sticks, Carrots, and Cabbage: **Invited** talk presented at 4th Annual EOR Carbon Management Workshop, The Woodlands, Texas, December 2006.
370. The Global Energy Scene: an Energy, Economy, Environmental Waltz: **Invited** talk presented to the Energy Council, 2006 Global Energy and Environmental Issues Conference, San Antonio, Texas, December, 2006.
371. The "I" in Business Ethics: **Keynote** talk presented at DPA/AAPG International Meeting, Perth, Australia, November 2006.
372. The Future of Global Energy: Presented to Eastern Section AAPG Annual Business Meeting, Buffalo, New York, October 2006.
373. What's Next after "Carbon Capture Ready"? Lunch talk presented to Gasification Technologies Conference, Washington, DC, October 2006.
374. Decision Makers Field Trip, Houston, Texas, September 2006.
375. The Global Energy Future: Waltz of the Three E's: **Keynote** dinner talk presented to Vail Symposium, Beaver Creek, Colorado, September 2006.
376. The "I" in Business Ethics: Presented to Texas Commission on Environmental Quality, Austin, Texas, August 2006.
377. The "I" in Business Ethics: Presented to Austin Geological Society, Austin, Texas, August 2006.
378. Serving the Needs of Resource Industries: IT Starts with the Rocks: Presented at Indiana University Forum, Belgrade, Montana, August 2006.
379. The Future of Global Natural Gas and Implications for the Gulf and Texas: TGP ANR Shipper Meeting, Lake Geneva, Wisconsin, August 2006.
380. The Fossil Fuel Future: Facts and Fads: **Keynote** talk presented to Explorer's Club, Denver, Colorado, July 2006.
381. Unconventional Alternatives to Conventional Oil and Natural Gas: JSG Latin American Forum, Rio de Janeiro, Brazil, July 2006.
382. The Future of Global Natural Gas and Implications for the Gulf and Texas: Tennessee Gas Pipeline Customer Meeting, Barton Creek Country Club, Austin, Texas, May 2006.
383. Global Energy: Where Will We Be in 2053? **Keynote** Lunch Speaker, Panhandle Royalty Owners Group, Amarillo, Texas, May 2006.
384. The Future of Global Energy: Trends, Technology, and Talent: **Keynote** Lunch Speaker, AAPG Pacific Section, SPE, GSA Joint Meeting, Anchorage, Alaska, May 2006.

385. The “I” in BusIness EthIcs: Panel Discussion, Offshore Technology Conference, Houston, Texas, May 2006.
386. The Future Lies in Talent and We Must Act Now: American Association of Petroleum Geologists, Annual Convention, Houston, Texas, April 2006.
387. FutureGen and the Role of Texas: Lunch talk, Clean Coal Technology Foundation, Austin, Texas, March 2006.
388. The Future of Energy: **Keynote** Lunch Speaker, Society of Independent Professional Earth Scientists, Austin Chapter, Austin, Texas, March 2006.
389. The Future of Global Energy: **Invited** Lunch Speaker, Central Texas Clean Cities, Redesignation Program, Austin Energy, Austin, Texas, March 2006.
390. The “I” in BusIness EthIcs: Lunch talk, Midland College, Midland, Texas, February 2006.
391. The “I” in BusIness EthIcs: Lunch talk, North Texas Geological Society, American Association of Petroleum Geologists, and Society of Petroleum Engineers local groups, Wichita Falls, Texas, February 2006.
392. The “I” in BusIness EthIcs: Live National Public Radio Interview, Champaign, Illinois, February 2006.
393. The “I” in BusIness EthIcs: Illinois State Geological Survey and Department of Geology, University of Illinois at Urbana-Champaign, Champaign, Illinois, February 2006.
394. The Global Energy Future: Think Unconventionally: Illinois State Geological Survey, Champaign, Illinois, February 2006.
395. Earth Science and Society: The Impact of State Geological Surveys: **Keynote**, Illinois State Geological Survey Centennial Lecture Series, Champaign, Illinois, February 2006.
396. The Future of Global Energy: Resources, Technology, and Talent: Montana Geological Society (Rocky Mountain Section of AAPG) and the Billings Section of the Society of Petroleum Engineers, Billings, Montana, January 2006.
397. The Role of Coal in the Global Energy Future: **Keynote** Lunch Speaker, The Future of Coal Energy Conference, Austin, Texas, December 2005.
398. FutureGen Texas: **Invited** Lunch talk, Texas Association of Regional Councils, Austin, Texas, December 2005.
399. The Future of Global Energy: Nevada Petroleum Society, Reno, Nevada, December 2005.
400. The Energy Talent Wedge: Presented at SPE – International Petroleum Technology Conference, Doha, Qatar, November 2005.
401. A CO₂ Industry in the Gulf Coast: **Keynote** Lunch Speaker, Society of Petroleum Engineers Applied Technology Workshop, Galveston, Texas, November 2005.
402. Global Energy: Looking Toward the Future: Aera Energy, Bakersfield, California, November 2005.
403. The “I” in BusIness EthIcs: **Invited** Lunch Speaker, San Joaquin Geological Society, Bakersfield, California, November 2005.
404. Beyond Conventional Oil: South Texas Geological Society, San Antonio, Texas, November 2005.
405. Beyond EOR: Advanced Oil Recovery and the West Texas Energy Future: West Texas Geological Society Fall Symposium, Midland, Texas, October 2005.
406. Independents Must Think Unconventionally: **Keynote Luncheon speaker**, Independent Petroleum Association of America, Annual Meeting, Houston, Texas, October 2005.
407. Future Global Oil Supply/Demand Balance: Session Chair, National Research Council Workshop on Trends in Oil Supply and Demand and Potential for Peaking of Conventional Oil Production, Washington, DC, October 2005.

408. HydroCarbons: The University of Texas at Austin, Engineering Foundation Advisory Council, Austin, Texas, October 2005.
409. High Oil Prices: Panelist, Discussion hosted by Economics Professors at The University of Texas at Austin, Austin, Texas, October 2005.
410. The Future of Global Energy: Learning Activities for Mature People (LAMP), The University of Texas at Austin, October 2005.
411. Future Trends: Jackson School Program in Unconventional Gas and CO₂ Sequestration: 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.
412. The “I” in Business Ethics: Lunch Speaker, Rocky Mountain Association of Geologists, AAPG International Distinguished Ethics Lecture, Denver, Colorado, August 2005.
413. The “I” in Business Ethics: **Invited** Lunch Speaker, Kansas Geological Survey, AAPG International Distinguished Ethics Lecture, Kansas City, Kansas, August 2005.
414. A Federal Role in Energy: Opportunities and Public Realities: **Keynote**, Roundtable Discussion, Science Application International Corporation, hosted by the Greater Houston Partnership, Houston, Texas, August 2005.
415. Unconventional Gas and Global Energy: **Invited** Lunch Speaker, Highland Lakes Energy Industry Network Group, Marble Falls, Texas, July 2005.
416. The “I” in Business Ethics: **Keynote** Lunch Speaker, American Association of Petroleum Geologists, Division of Professional Affairs (DPA), Annual Convention, AAPG International Distinguished Ethics Lecture, Calgary, Canada, June 2005.
417. Systematic Variations in the Capitan Depositional System: McKittrick Canyon, West Texas and New Mexico: American Association of Petroleum Geologists, Annual Convention, Calgary, Canada, June 2005.
418. Unconventional Gas Resources: **Invited**, East Texas Geological Society, Tyler, Texas, April 2005.
419. The “I” in Business Ethics: **Invited Keynote**, South-Central Section, Geological Society of America Annual Meeting, AAPG International Distinguished Ethics Lecture, Trinity University, San Antonio, Texas, April 2005.
420. Unconventional Gas Resources: **Invited**, Texas Alliance of Energy Producers, Dallas, Texas, March 2005.
421. Oil and Natural Gas Price: The Past May Not Be a Key to the Future: **Invited**, 2005 UT Energy Finance Conference, Houston, Texas, February 2005.
422. Unconventional Gas and Global Energy: **Invited** Lunch Talk, Shreveport Geological Society, Shreveport, Louisiana, February 2005.
423. What’s Up at the Bureau: **Invited**, West Texas Geological Society, Midland, Texas, December 2004.
424. The Converging Forces: The Size of the Prize: **Invited**, Enhanced Oil Recovery Carbon Management Workshop, Society of Petroleum Engineers Permian Basin Chapter, Midland, Texas, December 2004.
425. Unconventional Gas and Global Energy: **Invited**, Petroleum Technology Transfer Council, Unconventional Gas Reservoirs Symposium, Farmers Branch, Texas, November 2004.
426. The Future is Unconventional: Impact on Independent Producers: **Keynote**, Independent Petroleum Association of America, Annual Meeting, Austin, Texas, October 2004.
427. The Impact of Global Energy Trends on Resource Estimates, Technology, and Research Models: Executive session, American Association of Petroleum Geologists International Conference and Exhibition, Cancun, Mexico, October 2004.

428. Unconventional Gas & Global Energy: Is It Mountain Standard Time?: Seminar presentation to University of Wyoming, Department of Geology and Geophysics, Laramie, Wyoming, October 2004.
429. Unconventional Gas and Global Energy: A Matter of Time: **Keynote**, Gulf Coast Association of Geological Societies Annual Convention, San Antonio, Texas, October 2004.
430. Global Energy Trends: National Association of Black Geologists and Geophysicists, Austin, Texas, September 2004.
431. Unconventional Gas & Global Energy: Is it Mountain Standard Time? Seminar presentation to University of Colorado, Geological Sciences Department, Denver, Colorado, August 2004.
432. Unconventional Gas & Global Energy: Is it Mountain Standard Time? **Invited Keynote** Speaker, Rocky Mountain Section, American Association of Petroleum Geologists Meeting, Denver, Colorado, August 2004.
433. Unconventional Gas in the Global Energy Scene: Lunch Speaker, Society of Petroleum Engineers: Novel Advances in Tight Gas Completion and Production Technology II-ATW, Austin, Texas, July 2004.
434. Unconventional Gas and Global Energy: A Matter of Time: Future of Sedimentary Geology Forum, Dallas, Texas, April 2004.
435. The Coming Natural Gas Economy: **Invited**, Fort Worth Section, Society of Petroleum Engineers, Fort Worth, Texas, April 2004.
436. Decision Makers Field Trip, Austin, Texas, April 2004.
437. State-USGS Collaboration: Why Even Try? **Invited** kick-off talk, National Conference for U.S. Geological Survey managers, Austin, Texas, March 2004.
438. Three Generations of Reservoir Modeling: **Invited Keynote** Speaker, American Association of Petroleum Geologists Hedberg Conference, El Paso, Texas, March 2004.
439. Energy and Environmental Research at the Bureau of Economic Geology, The University of Texas at Austin: Saudi Aramco, Saudi Arabia, March 2004.
440. The Coming Natural Gas Economy: **Keynote**, Gas Well Deliquification Workshop, Denver, Colorado, March 2004.
441. Bureau Research and the Coming Gas Economy: The University of Texas at Austin, Petroleum and Geosystems Engineering faculty and students, Austin, Texas, February 2004.
442. The Coming Gas Economy: **Invited**, Lafayette Geological Society, Lafayette, Louisiana, February 2004.
443. Energy Studies on State Lands: **Invited**, General Land Office Western States Land Commissioners Association Conference, Austin, Texas, January 2004.
444. Presentation to Kathie Olsen and staff, Office of Science and Technology Policy, Executive Office of the President, regarding summary of a workshop on U.S. Natural Gas Demand, Supply, and Technology: Looking to the Future: National Research Council of the National Academies, December 2003.
445. The Coming Natural Gas Economy: **Invited**, Michigan Oil & Gas Association, Mt. Pleasant, Michigan, December 2003.
446. The Coming Gas Economy: **Invited**, Duke University, School of Environment and Earth Sciences, Durham, North Carolina, November 2003.
447. The Coming Gas Economy: **Invited**, UT Dean's Scholars Lunch, The University of Texas at Austin College of Natural Sciences, Austin, Texas, October 2003.
448. Overview of NRC Workshop on Natural Gas Supply and Demand: NRC Board on Earth Sciences and Resource Meeting, Irvine, California, October 2003.

449. The Global Gas Economy: Exploration to Sequestration: **Invited**, 2003 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.
450. Decarbonization: The Coming Gas Economy: Lakeway Men's Breakfast Club, Austin, Texas, September 2003.
451. Upstream Technology for the Coming Gas Economy: San Antonio Association of Professional Landmen, San Antonio, Texas, September 2003.
452. The Coming Gas Economy: The University of Texas at Austin, Bureau of Economic Geology seminar, Austin, Texas, September 2003.
453. The Coming Natural Gas Economy: **Invited**, Sandia National Laboratories, Albuquerque, New Mexico, August 2003.
454. Decarbonization—The Coming Natural Gas Economy: **Invited**, COGA Rocky Mountain Natural Gas Conference, Denver, Colorado, August 2003.
455. From Rocks to Lasers: Today's Bureau of Economic Geology and How It Impacts Texas: Northwest Austin Rotary Club, Balcones Country Club, Austin, Texas, July 2003.
456. Natural Gas Demand and Opportunities in Texas and Mexico: **Invited**, The CWC Group of Companies, Opportunities for the Mexican Gas Market: Powering the Future, Houston, Texas, June 2003.
457. Upstream Technology for the Coming Gas Economy: 65th EAGE Conference and Exhibition, Stavanger, Norway, June 2003.
458. Oil and Gas Research at a Critical Juncture: **Invited**, American Geological Institute Leadership Forum, Arlington, Virginia, May 2003.
459. Bureau Introduction and Overview: Texas PTTC Producer Advisory Group (PAG) and State of Texas Policy Makers, Austin, Texas, May 2003.
460. Upstream Technology for the Coming Gas Economy: SPE, Austin Section, Austin, Texas, May 2003.
461. Upstream Technology for the Coming Gas Economy: 2002–03 SPE 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).
462. Lasers Light the Way: 3-D Outcrops Will Revolutionize Subsurface Modeling: **Keynote**, Rocky Mountain Association of Geologists, Denver, Colorado, February 2003.
463. Geologic Curation, the BEG, and the Houston Research Center: National Science Foundation Workshop, Preservation of Scientific Research Cores and Collections, Bloomington, Indiana, January 2003 (with Shirley P. Dutton).
464. Upstream Technology for the Coming Natural Gas Economy: **Luncheon speaker**, South Texas Geological Society, San Antonio, Texas, January 2003.
465. 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, Houston, Texas, December 2002 (with Charles Kerans).
466. Upstream Technology for the Coming Gas Economy: **Keynote**, 11th Venezuelan Geophysical Congress, Caracas, Venezuela, November 2002.
467. A Decade of 3-D Reservoir Modeling...and a Brief Glimpse at the Future: **Keynote**, ChevronTexaco Geology Forum, Galveston, Texas, October 2002.
468. A Rock Revival: Core Thoughts from the BEG: **Invited**, West Texas Geological Society Fall Symposium, Midland, Texas, October 2002.

469. “Associated Oil”: Upstream Technology to Support the Natural Gas Energy Future: West Texas Geological Society Fall Symposium, poster session, Midland, Texas, October 2002.
470. Fossil Energy in Texas and the Bureau of Economic Geology: **Luncheon speaker**, 21st Annual Advanced Oil, Gas and Energy Resources Law Seminar, Texas State Bar, Dallas, Texas, October 2002.
471. Fractures, Salt, Seismic, and Ice: Vital Research Components of America’s Natural Gas Energy Future: Society of Exploration Geophysicists International Exposition and 72nd Annual Meeting, Salt Lake City, Utah, October 2002.
472. Investment in Technology for an Unconventional Natural Gas Future: **Invited**, World Energy Policy in the 21st Century, College Park, Maryland, September 2002.
473. There’s Gas in Them Thar Hills: All-convention **Luncheon speaker**, Rocky Mountain Section/American Association of Petroleum Geologists meeting, Laramie, Wyoming, September 2002.
474. Oil and Gas Technology for the Coming Gas Economy: **Invited**, 17th World Petroleum Congress, Rio de Janeiro, Brazil, September 2002.
475. 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.
476. Oil, Water, Lasers, and More: Today’s Bureau of Economic Geology: **Invited**, Lakeway Men’s Breakfast Club, Austin, Texas, August 2002.
477. 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.
478. Upstream Technology for the Coming Natural Gas Economy: **Invited**, Lawrence Livermore National Laboratory, Livermore, California, June 2002.
479. 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.
480. Benefits of Research Investment: Lessons from the Oil and Gas Industry: **Invited** Panelist, DOE, Estimating the Benefits of Government-Sponsored Energy R&D, Arlington, Virginia, March 2002.
481. Fractures, Salt, Seismic, and Ice: Vital Research Components of America’s Natural Gas Energy Future: AAPG 2002 Meeting, Houston, Texas, March 2002.
482. Plates, Rocks, Volcanoes, Meteors and Other Very Cool Stuff: Burnet Elementary School, 3rd Grade Class, Burnet, Texas, February 2002.
483. Are Those Extra Dimensions Worth It? 3-D and 4-D Modeling of Oil Reservoirs and Aquifers: SIPES Lunch Meeting, Austin, Texas, February 2002.
484. 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.
485. Oil and Water: Rocks and Models Improve Resource Understanding: **Invited**, Houston Geological Society Dinner Meeting, Houston, Texas, February 2002.
486. 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.
487. 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.
488. Where Are We and What Lies Ahead? Fourth Joint AMGP/AAPG International Conference, Exploration and Development of Gas Plays, Veracruz, Mexico, November 2001.

489. Fractures, Salt, Seismic, and Ice: Exploiting New Technologies for America's Natural Gas Energy Future: **Invited**, Fourth Joint AMGP/AAPG International Conference, Exploration and Development of Gas Plays, Veracruz, Mexico, November 2001.
490. 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**, DOE Plenary Workshop, Houston, Texas, October 2001.
491. The Future of Gas Resources in the Southwest United States: **Invited**, GLO Eighth Annual Border Energy Forum, Tucson, Arizona, October 2001.
492. Geoscience Technology for the Coming Gas Economy: **Keynote**, West Texas Geological Society Symposium, Midland, Texas, October 2001.
493. Modeling Oil, Gas, and Water: Do Third and Fourth Dimensions Add Value? Fort Worth Geological Society Meeting, Fort Worth, Texas, October 2001.
494. Visualization Lab Demonstrations: The University of Texas System, Chancellor's Council Executive Committee, September 2001.
495. 3-D Modeling of Geologic Data: From Petroleum Reservoirs to Aquifers?: **Invited**, South Texas Geological Society Meeting, San Antonio, Texas, September 2001.
496. Energy Production Trends and the Role of Technology: **Keynote** Luncheon Presentation, AAPG Prospect and Property Expo (APPEX), Houston, Texas, August 2001.
497. Oil and Gas Technology: Why Should a Royalty Owner Care? **Invited**, National Association of Royalty Owners Convention, San Angelo, Texas, August 2001.
498. 3-D Reservoir Modeling: Hydrocarbons and Aquifers: **Invited**, SEPM 75th Anniversary Diamond Jubilee Symposium, AAPG/SEPM Annual Convention, Denver, Colorado, June 2001.
499. The Value of Upstream Technology and the Future of Energy Research: American Association of Petroleum Geologists Annual Convention in *Selected* Outstanding Presentations from around the World (**Invited** session), Denver, Colorado, June 2001.
500. Carbonate Sequence Stratigraphy and Reservoir Characterization: Northwestern University, Department of Geological Sciences, Evanston, Illinois, May 2001.
501. 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: East Texas Geological Society, Tyler, Texas, May 2001.
502. Current and Future Opportunities in the State Geologic Surveys: American Geological Institute–National Science Foundation Workshop, Identifying Geoscience Human-Resources Data Needs—A Workshop for Educators and Employers, University of Maryland University College, Adelphi, Maryland, April 2001.
503. 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: **Invited**, West Texas Geological Society, Midland, Texas, April 2001.
504. Does Technology Really Matter? The Value and Future of Upstream Technology in the Petroleum Industry: The University of Texas at Austin, Department of Petroleum Engineering Graduate Seminar Series, Austin, Texas, April 2001.
505. Natural Gas Supply: How the U.S. Natural Gas Production Curve Was Built and How It Will Be Sustained in the Future: Austin Geological Society monthly meeting, Austin, Texas, April 2001.
506. Value of Applied Research and Natural Gas Supply: How the U.S. Natural Gas Production Curve Was Built and How It Will Be Sustained in the Future: **Keynote** Luncheon Presentation, American Association of Petroleum Geologists 20th Annual Leadership Conference, Tulsa, Oklahoma, February 2001.

507. Value of Applied Research and Future of Natural Gas Supply: How the U.S. Natural Gas Production Curve Was Built and How It Will Be Sustained in the Future: **Invited**, Second International Petroleum Technology Exhibition, Mexico City, Mexico, February 2001.
508. The Value of Upstream Technology and the Future of Energy Research: **Invited**, The Victoria College, Victoria, Texas, February 2001.
509. Value of Technology: **Invited** by U.S. Department of Energy, Office of Fossil Energy and Office of Natural Gas and Petroleum Technology to participate in strategic initiatives workshop, Washington, DC, December 2000.
510. No Ground Truth: **Keynote**, Hedberg Conference on Geostatistics, The Woodlands, Texas, December 2000.
511. The Value of Upstream Technology in the Petroleum Industry: **Keynote** Luncheon Presentation, Gulf Coast Association of Geological Societies, 50th Annual Convention, Houston, Texas, October 2000.
512. Overview of Current and Future R&D Activities at the Bureau of Economic Geology: The University of Texas at Austin, Department of Geological Sciences, technical session, Austin, Texas, September 2000.
513. Overview of Current and Future R&D Activities at the Bureau of Economic Geology: University of Houston, Allied Geophysics Laboratories, Houston, Texas, September 2000.
514. Sequence Stratigraphy and 3-D Modeling of a Pennsylvanian Distally Steepened Ramp Reservoir: Canyon and Cisco Formations, South Dagger Draw Field, New Mexico, USA: Houston Geological Society, Houston, Texas, September 2000.
515. Historical and Future Impact of BEG Reservoir Characterization and Implementation Programs in West Texas: Permian Basin Section–SEPM workshop, The Impact of Integrated Sedimentology and Stratigraphy on Reservoir Characterization and Field Management Strategies, Midland, Texas, August 2000.
516. 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.
517. Reservoir-Scale Seismic Stratigraphy in Prograding Systems: Time or Rock?: **Invited**, American Association of Petroleum Geologists Annual Convention, New Orleans, Louisiana, April 2000.
518. 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.
519. Sequence Stratigraphy and 3-D Modeling of a Pennsylvanian Ramp-Crest Reservoir: Canyon and Cisco Formations, North Indian Basin Field, New Mexico, USA and Developing Sequence Stratigraphic Frameworks for Reservoir Modeling: Extracting a Method from the Madness: Presented at GCS-SEPM Conference on Advanced Characterization for the 21st Century, December 1999.
520. From Rocks to Models: Rock-Based Sequence Stratigraphy and 3-D Modeling of Carbonates: **Invited**, University of Michigan Scott Turner Lecture, October 1999.
521. From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: Rocky Mountain Association of Geologists Brown Bag, October 1998.
522. Integration—More than Just Swinging a Bat: **Keynote**, Society of Exploration Geophysics and Society of Petroleum Engineers Forum on Reservoir Characterization, July 1998.

523. Sequence Stratigraphy and 3-D Geologic Models of a Complex Clinoform Ramp-Crest Reservoir: **Invited**, AAPG Annual Meeting, April 1997.
524. From Rocks to Models: 3-D Visualization as a Tool to Integrate Sedimentology and Sequence Stratigraphy in Reservoir Models: AAPG Distinguished Lecture
- University of Alabama, April 1998;
 - Southwest Louisiana Geophysical Society, April 1998;
 - Illinois Geologic Society, April 1998;
 - University of Missouri-Rolla, April 1998;
 - Ohio Geologic Society, April 1998;
 - University of Iowa, April 1998;
 - Pittsburgh Geologic Society, April 1998;
 - University of Memphis, April 1998;
 - Fort Smith Geologic Society, April 1998;
 - Fort Worth Geologic Society, April 1998;
 - San Joaquin Geologic Society, Bakersfield, California, March 1998;
 - Rocky Mountain Association of Geologists, Denver, Colorado, February 1998;
 - Four-Corners Geologic Society, Farmington, New Mexico, January 1998;
 - Colorado School of Mines-Van Tuyl Lecture: Golden, Colorado, January 1998;
 - Montana Geologic Society, Billings, Montana, December 1997;
 - University of Wyoming, Laramie, Wyoming, December 1997;
 - Northern California Geologic Society, San Ramon, California, November 1997;
 - University of Kansas, Lawrence, Kansas, November 1997;
 - Texas A&M University, College Station, Texas, November 1997;
 - Abilene Geologic Society, Abilene, Texas, November 1997;
 - Canadian Society of Petroleum Geologists, Calgary, Alberta, Canada, November 1997;
 - Wyoming Enhanced Oil Recovery Institute Symposium (**Keynote**, Casper, Wyoming), October 1997;
 - Saudi ARAMCO Super K Conference, Dhahran, Saudi Arabia, May 1997.
525. Enhancement of Reservoir Models with 3-D Seismic Data: **Keynote**, Workstation Presentation: Rocky Mountain Association of Geologists/Denver Geophysical Society 3-D Seismic Symposium, February 1998.
526. The Importance of Core Data in 3-D Reservoir Characterization: Core/Poster Presentation: Sixth Archie Conference, February 1998.
527. Three-Dimensional Reservoir Characterization for Improved Reservoir Management: SPE Annual Technical Conference, October 1997.
528. A Vision for the Future; Carbonate Reservoir Modeling: SPE Forum on 3-D Reservoir Characterization Technology, June 1997.
529. Stratigraphic Framework and “Well-Spacing” Controls on Reservoir Heterogeneity, Volumetric Calculations, and Synthetic-Seismic Response in a 3-D “Reservoir” Model: McKittrick Canyon, West Texas and New Mexico: AAPG Annual Meeting, April 1997.
530. Reservoir Scale Carbonate Sequence Stratigraphy: McKittrick Canyon and 3-D Subsurface Examples: AAPG/EAGE Research Symposium on “Compartmentalized Reservoirs: Their Detection, Characterization, and Management,” October 1996.

531. Reservoir Scale Carbonate Sequence Stratigraphy: McKittrick Canyon and 3-D Subsurface Examples: The University of Texas at Austin, October 1996.
532. Reservoir Scale Carbonate Sequence Stratigraphy: McKittrick Canyon and 3-D Subsurface Examples: Houston Geologic Society, September 1996.
533. Reservoir Scale Carbonate Sequence Stratigraphy: McKittrick Canyon and 3-D Subsurface Examples: **Keynote**, Amoco Oil Company, August 1996.
534. The Role of Sequence Stratigraphy in 3-D Characterization of Carbonate Reservoirs: Poster Presentation: AAPG Annual Meeting, May 1996.
535. 3-D Reservoir Characterization: Worldwide Examples and Economics: AAPG Annual Meeting, May 1996.
536. 3-D Reservoir Characterization: Worldwide Examples and Economics: Rocky Mountain Association of Geologists/Denver Geophysical Society 3-D Seismic Symposium, February 1996.
537. Building the 3-D Jigsaw Puzzle: Applications of Carbonate Sequence Stratigraphy to 3-D Reservoir Characterization: Colorado School of Mines Van Tuyl Lecture, February 1996.
538. 3-D Reservoir Characterization: Worldwide Examples and Economics: Fifth Archie Conference, May 1995.
539. Practical Applications of Carbonate Models; Building the 3-D Jigsaw Puzzle: Applications of Carbonate Sequence Stratigraphy to 3-D Reservoir Characterization: Permian Basin SEPM Symposium on Carbonate Facies and Sequence Stratigraphy, April 1995.
540. Building the 3-D Jigsaw Puzzle: Applications of Carbonate Sequence Stratigraphy to 3-D Reservoir Characterization: Stratamodel Symposium on "3-D Reservoir Characterization," July 1994.
541. Multiple Karst Events Related to Stratigraphic Cyclicity: San Andres Formation, Yates Field, West Texas: Stratamodel Symposium on "3-D Reservoir Characterization," July 1994:
542. Permian Karst and Caves in Yates Field: Poster and Video Presentation: AAPG Annual Meeting, June 1994.
543. Shelf-to-Basin Sequence Stratigraphic Framework and Early Diagenesis of Late Guadalupian Strata, McKittrick Canyon, New Mexico and Texas: Preliminary Findings: Poster Presentation: AAPG Annual Meeting, June 1994.
544. Permian Karst and Caves in Yates Field: Poster Presentation: AAPG Hedberg Conference on "Unconformities and Porosity in Carbonate Strata," July 1993.
545. The Keg River/Winnipegosis Petroleum System in Northeast Alberta: AAPG Annual Meeting, June 1992.
546. The Keg River/Winnipegosis Petroleum System-Source to Trap: AAPG Annual Meeting; April 1991.
547. A Computer-Assisted Geologic Worksheet: Input, Comparison, Analysis, and Presentation of Rock, Log, Engineering and Geochemical Data: AAPG Annual Meeting, June 1990.

Filmed Media Presentations

1. *Switch Energy Lab* is a professional film series comprising 28 short format modules targeted towards education in middle and high school science classes, 2014
2. Fracking: "Best Practices" to Create Renewable Energy and Fossil Fuels Balance While Addressing Climate Impact Issues, TV interview for the EmeraldPlanet, , Marrifield, Virginia, January 12, 2014.
3. *What is the Future of Energy*, Taped presentation at the McCombs School of Business Enterprise Speaker Series, Austin, Texas, 2012. <https://texasenterprise.org/article/changing-way-we-think-about-energy>.

4. *Switch*, an Energy Education Project and feature-length documentary, Arcos Films, Austin, Texas, 2011. *Switch* has been extensively awarded, screened to over 4 million people globally and been shown on over 600 university campuses.
5. *Building the Bridge to America's Alternative Energy Future*, Texas Energy Foundation, Full Circle Productions, Austin, Texas, Fall 2008.
6. *State of Tomorrow*, Energy TV Advertisement, The University of Texas Foundation, Alpheus Media, Fall 2008.
7. *Unconventional*, NBC Production, Dallas, Texas, Summer 2008.
8. Geoscience Industry Opportunities, GSA Geosciences Video, Boulder, Colorado, Summer 2008.
9. LeCroy Center for Educational Telecommunications, Dallas TeleLearning, Dallas Community College District, Dallas, Texas, Summer 2008.
10. The University of Texas Chancellor's Council, Annual Meeting, Austin, Texas, Spring 2008.
11. *Energy Myths and Realities*, USGS Western Region Colloquium Seminar, Menlo Park, California, Spring 2008.
12. *The Future of Energy*: Episode 13 of PBS series *State of Tomorrow*, produced by the University of Texas Foundation, Austin, Texas, Spring 2007 (received Lone Star EMMY Award by the Texas broadcast industry).
13. FutureGen Texas Site Proposals, Austin, Texas, Spring 2007.
14. *The "I" in Business Ethics*, Texas Commission on Environmental Quality, Austin, Texas, Summer 2006.
15. *Eye on Earth*, Texas Education Agency, Austin, Texas, 2001.

Short Courses Taught

1. Global energy and the oil and gas industry: UT SVALEX March course component, Austin, Texas, March 27, 2013.
2. 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, Washington, DC, October 20–21, 2005.
3. Carbonate Sequence Stratigraphy: Outcrop and Subsurface Seminar, AAPG Field Seminar, New Mexico and Texas, April 26–May 3, 2003.
4. Chairman, U.S. Natural Gas Demand and Supply Projections: A Workshop, sponsored by the National Research Council of the National Academies, Washington, DC, April 21–22, 2003.
5. 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.
6. Carbonate Sequence Stratigraphy and Reservoir Characterization: Concepts and Applications: 2-day short course presented to BEG staff, Austin, Texas (with Charles Kerans), May 2002.
7. Carbonate Sequence Stratigraphy and Reservoir Characterization: Concepts and Applications: 4-day short course presented to PEMEX staff, Poza Rica, Mexico (with Charles Kerans), February 2002.
8. Interpreting 3-D Carbonate Stratigraphy Using 1-D Data: short course presented at Permian Basin Graduate Center, Midland, Texas, August 2001.
9. 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.

10. Carbonate Sequence Stratigraphy and Reservoir Modeling: AAPG 6-day Field Seminar, September 2000.
11. Carbonate Sequence Stratigraphy and 3-D Modeling: presented at Colorado School of Mines Seminar and Computer Demonstration, September 1999.
12. Carbonate Sequence Stratigraphy and 3-D Modeling: presented at University of Colorado Seminar, May 1999.
13. VoxelGeo and TDROVQC: presented at Marathon Oil 2-day Seminar, April 1999.
14. Sequence Stratigraphy and Characterization of Carbonate Reservoirs: SEPM Short Course No. 40 (3-day), April 1999.
15. 3-D Reservoir Modeling: presented at Marathon Oil 5-day Seminar, February 1999.
16. Reservoir Characterization: presented at University of Colorado 1-day Seminar, November 1998.
17. Process Approach to Sequence Stratigraphic Reservoir Construction: presented at AAPG 6-day Field Seminar, October 1998.
18. 3-D Modeling: presented at Marathon Oil 2-day Workshop, October 1998.
19. Carbonate Sequence Stratigraphy: presented at Colorado School of Mines Evening Seminar, March 1998.
20. New Techniques and Concepts: presented at Marathon Oil 5-day School, January 1998.
21. Carbonate Sequence Stratigraphy: presented at University of Colorado 1-day Seminar, November 1997.
22. 3-D Modeling: presented at Marathon Oil 3-day Workshop, July 1997.
23. 3-D Modeling: presented at Marathon Oil 3-day Workshop, May 1997.
24. Sequence Stratigraphy and Characterization of Carbonate Reservoirs: SEPM Short Course No. 40, April 1997.
25. Current Technology and Processes: AAPG 3-day Short Course, April 1997.
26. Sequence Stratigraphy and Characterization of Carbonate Reservoirs: Marathon Oil 3-day Short Course, March 1997.
27. 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.
28. Carbonate Reservoir Characterization, Guadalupe and Sacramento Mountains: Joint Marathon Oil/UPRC 6-day Field Seminar, October 1994.
29. Applied Reservoir Characterization: Marathon Oil 5-day Short Course, October 1993.
30. Sequence Stratigraphy: Marathon Oil 10-day Field and Lecture Seminar, September 1993.
31. Junior Achievement: Economics to sophomore students at George Washington High School, 1987.

University Courses

1. Reservoir geology and advanced recovery (Geology 383R): The University of Texas at Austin, Department of Geological Sciences (with William L. Fisher), Austin, Texas, 2000–2003

Undergraduate Students

- Apoorva Mahajan, undergraduate student, 2013-2014

Graduate Students

1. Luciana de la Rocha, Master's student, JSG expected graduation May 2016, co-supervisor
2. Ryan Idzior, Master's student, JSG expected graduation May 2016, co-supervisor
3. Maria Francisca Paz y Miño, Master's student, EER expected graduation May 2016, co-supervisor
4. Jake Shultz, Master's student, EER expected graduation Dec 2015, co-supervisor
5. Allen Thomas Hwang, Master's student, EER expected graduation May 2015, co-supervisor
6. Eduardo Meneses-Scherrer, Master's student, EER expected graduation May 2015, co-supervisor
7. Logan West, August 2014 (M.S., JSG), co-supervisor
8. Carl Grote, August 2014, (M.A. Earth and Environmental Resources), co-supervisor
9. Forrest Roberts, December 2013 (M.S., JSG), co-supervisor
10. Erin Noel Miller, September 2012 (M.S., JSG), co-supervisor
11. Andrew Joseph Nicholson, February 2012 (M.S., JSG), co-supervisor
12. Alexander S. M. Urquhart, June 2011 (M.A., JSG), member
13. Aysen Ozkan, February 2010 (Ph.D., JSG), member
14. Olumuyiwa (Muyiwa) A. Adedeji, February 2008 (M.A., JSG), member
15. Ted Eric Playton, February 2008 (Ph.D., JSG), member
16. Edmund (Ned) Locke Frost, III, September 2007 (Ph.D., JSG), member
17. Samuel (Sam) Zephyr Scott, February 2007 (M.S., JSG), member
18. Ryan Matthew Phelps, September 2006 (M.S., JSG), member
19. Nysha A. Chaderton, June 2005 (M.S., JSG), member
20. Cem Okan Kilic, September 2004 (Ph.D., JSG), member
21. Jesse Baldwin Kimball, September 2004 (M.A., JSG), member
22. Kristine Lynn Mize, September 2004 (M.S., JSG), member
23. John Noel Hooker, June 2004 (M.S., JSG), member
24. Tina Rayna Foster, February 2003 (M.S., JSG), member
25. Ted Eric Playton, February 2003 (M.S., JSG), co-supervisor
26. Claudia Rassi, September 2002 (Ph.D., JSG), member
27. Marel Alexandra Sanchez, June 2001 (M.S., JSG), member

Personals

1. Married 31 years to Allyson Andrews Tinker; four kids ranging from age 24 to 13
2. Visited over 50 countries on six continents and all 50 United States (more than once...)
3. Jumped out of an airplane, soloed in an airplane and hang glided in Brazil
4. Summited 25 peaks over 14,000' of elevation and climbed Devils Tower
5. Competitive tennis and many other sports
6. Personal Contacts have over 7100 names
7. "Non recovering" workaholic