

JACQUELINE LANG WEAVER

University of Houston Law Center
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EDUCATION

1972 - 1975

UNIVERSITY OF HOUSTON LAW CENTER -- Houston, Texas.

Doctor of Jurisprudence received *magna cum laude*.

1968 - 1971

UNIVERSITY OF CALIFORNIA -- Los Angeles, California

Received Candidate of Philosophy in Economics in February 1971. Degree granted for completion of all requirements for Ph.D. except Ph.D. thesis; passed Ph.D. qualifying exams in Economic Theory, International Economics, Economic Institutions, and Economic Development.

1964 - 1968

HARVARD UNIVERSITY (RADCLIFFE COLLEGE) – Cambridge, Mass.

Bachelor of Arts degree *magna cum laude* in June 1968; honors major in Economics.

WORK EXPERIENCE

1977 - present

UNIVERSITY OF HOUSTON LAW CENTER -- Houston, Texas.

Professor Emeritus. 2017 – present.

A.A. White Professor of Law. Teaching and research interests are: Oil and Gas Law, International Petroleum Transactions, Energy Law and Policy, Water Law, Environmental Law, Public Lands, and Property; 1996 – 2017.

Interim Director; Environment, Energy and Natural Resources Center; 2013 – 2015.

Executive Director, Russian Petroleum Legislation Project 1991-92. Directed the drafting of four major oil and gas laws for the Russian Federation in Licensing, Conservation and Environment, Tax, and Transportation; served as Co-reporter on Conservation Law.

Began as Adjunct Assistant Professor and Associate Director of Energy Studies Program in 1977. Became Assistant Professor in 1979, Associate Professor in 1982, tenured in 1984, Full Professor in 1986, and Law Foundation Professor from 1987-1996.

Service on Dean Search Committee (2007-08); Graduate Legal Studies, Promotion and Tenure, Personnel, Curriculum, Student Affairs, Admissions, Executive, Library, Alumni Development Committees

1971 - 1976

EXXON COMPANY, USA -- Houston, Texas

Marketing Specialist, Retail Marketing Department. Project leader of Discount for Cash tests.

Economist, Corporate Planning Department. Prepared and presented to top management, position papers on tax policy, antitrust, international trade and economic forecasting. Worked with in-house and outside counsel preparing Exxon's defense in the Federal Trade Commission case against the eight major oil companies.

1971 - 1973,
Fall 1976

UNIVERSITY OF ST. THOMAS -- Houston, Texas.

Lecturer in U.S. and European Economic History.

1969 - 1971

UNIVERSITY OF CALIFORNIA -- Los Angeles, California.

Teaching Associate in Economics.

PUBLICATIONS

BOOKS & CHAPTERS

INTERNATIONAL PETROLEUM TRANSACTIONS (4th ed., Rocky Mtn. Min. Law Foundation Press forthcoming 2020), coauthored with Owen Anderson *et al.* (responsible for chapter on overview of the international oil and gas industry and chapter on oil spills, decommissioning, human rights, local community impacts and best environmental and social practices).

TEXAS OIL AND GAS LAW: CASES AND MATERIALS (1st ed.) co-authored with Bret Wells (LawCarta, 2019).

"Managing Offshore Safety in the United States after the Macondo Disaster," Ch. 2b in Gunther Handl and Kristoffer Svendsen (eds.), **MANAGING THE RISK OF OFFSHORE OIL AND GAS ACCIDENTS: THE INTERNATIONAL LEGAL DIMENSION** (Edgar Elgar, 2019).

"The Landmark Status of W. T. Waggoner Estate v. Sigler Oil Co.," in **LANDMARKS OF A CENTURY IN OIL AND GAS LAW** (The Oil, Gas & Energy Resources Law Section of the State Bar of Texas 2017).

ENERGY, ECONOMICS AND THE ENVIRONMENT (4th ed.), coauthored with Joel Eisen *et al* (Foundation Press 2015) (responsible for chapters on Oil and Gas Production; Oil and Gas Pipelines; and for the Extraterritoriality section of the International Energy Markets chapter, with accompanying Teachers' Manual chapters).

“The Future of the Petroleum Industry under Global Warming,” chapter in William H. Rodgers, Jr. *et al.* (eds.), **CLIMATE CHANGE: A READER** (Carolina Academic Press, 2011).

INTERNATIONAL PETROLEUM TRANSACTIONS (3d ed., Rocky Mtn. Min. Law Foundation Press 2010), coauthored with Ernest E. Smith *et al.*, Chapter 10 on “Sustainable Development: Indigenous Title, Human Rights and the Environment.”.

ENERGY, ECONOMICS AND THE ENVIRONMENT (3d ed.), coauthored with Fred Bosselman, Jim Rossi, David Spence, and Joel Eisen (Foundation Press 2010) (responsible for chapters on Domestic Oil, International Oil, and Natural Gas with accompanying Teachers’ Manual chapters).

INTERNATIONAL PETROLEUM EXPLORATION & EXPLOITATION AGREEMENTS: LEGAL, ECONOMIC AND POLICY ASPECTS (2d ed.), coauthored with Claude Duval, Honoré LeLeuch, and Andre Pertuzio (Barrows Press 2009). In English, with Chinese and Mongolian translations.

TEXAS LAW OF OIL AND GAS, coauthored with Prof. Ernest E. Smith at University of Texas (2d ed. 1998 & annual updates, LEXIS Law Publishing)(responsible for state conservation regulation chapters – two of the three volumes).

Sustainable Development in the Petroleum Sector, chapter in **ENERGY LAW AND SUSTAINABLE DEVELOPMENT** (Adrian J. Bradbrook & Richard L. Ottinger (eds.), Int’l Union for the Conservation of Nature (IUCN) Paper No. 47 (2003).

ENERGY, ECONOMICS AND THE ENVIRONMENT, co-authored with Fred Bosselman and Jim Rossi (Foundation Press 2000) and accompanying Teachers’ Manual. (2d. ed. was published in 2006.)

TEXAS LAW OF OIL AND GAS (1989-1997, LEXIS Law Publishing, formerly Michie/Butterworth) (as described above).

Editor, THE CASE FOR NATURAL GAS, published by The Natural Gas Project of the Center for Public Policy at the University of Houston, Sept. 1991.

UNITIZATION OF OIL AND GAS FIELDS IN TEXAS: A STUDY OF LEGISLATIVE, ADMINISTRATIVE AND JUDICIAL POLICIES (Johns Hopkins University Press for Resources for the Future 1986).

ARTICLES

SSRN (Social Science Research Network) author account for downloads of certain papers:

http://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=46698

The Role of the Regulator: Reflections on Forty Years of Research and

Learning about Energy, Economics & the Environment,” (Center for American and International Law, 68th Ann. Inst. On Oil and Gas Law, Chapter 15, 2016).

Offshore Safety in the Wake of the Macondo Disaster: The Role of the Regulator, (Part II) 36 HOUSTON J. OF INT’L LAW 379 (2014).

Offshore Safety in the Wake of the Macondo Disaster: Business as Usual or Sea Change? (Part I) 36 HOUSTON J. OF INT’L LAW 402 (2013).

The Traditional Petroleum-Based Economy: An “Eventful” Future: Of Peak Oil, Big Oil, Chinese Oil, Flags and Open Doors, 36 CUMBERLAND L. REV. 505 (2006)(symposium issue on Biofuels and the Energy Economy); republished in State Bar of Texas, Oil, Gas and Energy Law Section Report, June 2006.

Unitizing Oil and Gas Fields Around the World: A Comparative Analysis of National Laws and Private Contracts, coauthored with David Asmus, 28 HOUSTON J. OF INT’L LAW 3-197 (2006) (responsible for analyzing and comparing the unitization provisions of 12 countries and preparing a 50-page appendix of relevant regulatory material).

The Tragedy of the Commons from Spindletop to Enron, 24 J. OF LAND, RESOURCES & ENVTL L. 187 (2004) (special issue celebrating 50th Anniversary of Rocky Mountain Min. L. Institute).

Enron and Energy Markets: Myths, Ideology and the Public Trust, State Bar of Texas, ADVANCED OIL, GAS AND ENERGY RESOURCES INST., Houston, Texas, Oct. 2003.

Can Energy Markets Be Trusted? The Effect of the Rise and Fall of Enron on Energy Markets, 4 HOUSTON BUS. & TAX L. J. 1 (2004)(available online at www.hbtlj.org; excerpts reprinted in two chapters in NANCY B. RAPOPORT & BALA G. DHARAN (eds.), **ENRON: CORPORATE FIASCOS AND THEIR IMPLICATIONS** (Foundation Press 2004).

Onshore Oil and Gas Update: 2002, Chapter 3 in 54TH ANN. INST. ON OIL AND GAS LAW (Matthew Bender, 2003).

Editor, *Oil and Natural Gas Exploration and Production,* in THE YEAR IN REVIEW 2002 (Environment, Energy and Resources Law Section of the American Bar Ass’n, 2003).

Recent Judicial and Legislative Developments Affecting Management and Payment of Royalties on Private Leases, 21 PETROLEUM ACCOUNTING & FIN. MANAGEMENT J. 38 (2002).

The Federal Government as a Useful Enemy: Perspectives on the Bush Energy/Environmental Agenda from the Texas Oilfields, 19 PACE ENVTL L. REV. 1 (2001)(as part of Kerlin Distinguished Lecture series).

The Proposed Compulsory Unitization Statute, STATE BAR OF TEXAS, 16TH ANN. ADVANCED OIL, GAS & MIN. L. INST., Ch. I (Oct. 1998).

When Express Clauses Bar Implied Covenants, Especially in Natural Gas Marketing Scenarios, 37 NATURAL RESOURCES J. 491 (1997).

In Memoriam: Gilbert L. Finnell, 31 HOUSTON L. REV. 1361 (1995).

Conservation Regulation: Emerging Issues, STATE BAR OF TEXAS, 12TH ADV. OIL, GAS & MIN. LAW INST., Ch. I (1994).

The Politics of Oil & Gas Jurisprudence, 33 WASHBURN L. J. 492 (1994) (Symposium Issue on "The Future Course of Oil & Gas Jurisprudence," noted in 31 PUBLIC LAND AND RESOURCES LAW DIGEST 367 (1994).

Unitization Revisited, 45 ANN. INST. ON OIL & GAS LAW & TAXATION at 7-1 to 7-52 (1994).

Proposed Petroleum Conservation and Environmental Protection Act for the Russian Federation with Commentary, 15 HOUSTON J. OF INT'L L. 705 (1993) (with Patrick Martin & John McMahon).

History and Organization of the Russian Petroleum Legislation Project, 15 HOUSTON J. OF INT'L L. 271 (1993).

Recent Developments in Implied Covenant Law, STATE BAR OF TEXAS, 7TH ANN. ADVANCED OIL, GAS & MIN. L. INST., Sept. 1989.

Rule 37: The Riddles in Two Recent Cases in STATE BAR OF TEXAS, OIL, GAS & MINERAL LAW SECTION REPORT, May 1989.

Armtwisting Operators and Owners to Unitize: The Role of State Conservation Commissions in Preventing Waste, 38 ANN. INST. ON OIL & GAS LAW & TAXATION at 4-1 to 4-61 (1987).

The Legal Significance of Commission Approval of Unitized Operations, 37 ANN. INST. ON OIL & GAS LAW & TAXATION at 4-1 to 4-55 (1986).

The Public Trust Doctrine and Texas Water Rights Administration: Common Law Protection for Texas' Bays and Estuaries?, 15 STATE BAR OF TEXAS ENV'L L. J. 1, Feb. 1985 (reprinting 20 pages of the Dec. 1984 Institute Proceedings).

Water Rights: Coming Challenges in State Bar of Texas, ENVIRONMENTAL LAW OF THE '80S INSTITUTE, Dec. 1984.

Implied Covenants in Oil and Gas Law under Federal Energy Regulations, 34 VANDERBILT L. REV. 1473 (1981).

Teaching Energy Policy: An Interdisciplinary Approach, 30 J. OF LEGAL EDUCATION 574 (1980).

Essay Review of *Energy and Natural Resources Law*, 16 HOUSTON L. REV. 1255 (1979).

Book review of *Pollution, Prices and Public Policy*, in 13 HOUSTON L. REV. 221 (1975).

VISITS AND LECTURESHIPS

Visiting Professor, Vermont Law School, Institute for Energy and the Environment. Taught two-week course on “Oil and Gas: Production, Pipelines and the Environment,” July-Aug., 2019, July-Aug., 2018, July-Aug., 2017, July-Aug., 2016, July, 2015, July, 2014, and July-Aug., 2013.

Visiting Professor, Universidade Católica Portuguesa Global School of Law, Advanced L.L.M. in International Business Law, Lisbon, Portugal (2-credit hour course in International Petroleum Transactions). Apr., 2019, Mar., 2018, Feb.-Mar., 2017, Feb., 2016, Feb., 2015, June-July, 2014, May-June, 2013, May, 2012, May, 2011, and Apr.-May, 2010.

Lectureship, University of Houston, Graduate Certificate in Global Energy, Development and Sustainability; co-taught 3-unit, 4-week intensive course “Promoting Sustainable Oil and Gas Projects: Legal and Social Frameworks,” Houston, Texas; April, 2018.

Distinguished Visiting Fellow, Queen Mary University of London, Centre for Commercial Law Studies. Participated in one-week Energy Law course; presentations on the use of codes of conduct in regulating oil and gas operations and on U.S. decommissioning policies. London, England. June 19 – 23, 2017.

Visiting Fellow (Professorial Level), Centre for Mining, Energy & Natural Resources Law, University of Western Australia. Taught intensive one-week course on “International Oil and Gas Law” and conducted research on comparative offshore oil and gas regulatory regimes. Perth, Australia. Mar. 20 – Apr. 13, 2017.

Visiting Professor, Universidad Autónoma de Nuevo Leon, College of Law and Criminology. Monterrey, N.L., Mexico. Taught one-week course on International Petroleum Transactions in the Masters of Laws in Energy and Sustainability degree program; May, 2016.

Adjunct Professor, Fordham Law School, at the Fordham-Ghana Summer Law Program; Accra, Ghana. One-week course on International Petroleum Transactions. Class included US law students and law students from the Ghana Institute of Management and Public Administration (GIMPA). May, 2014.

Lecturer at the International Law Institute's 2-week seminar on "International Oil and Gas Development: Upstream;" presentations included The Changing Role of NOCs; The Future of the Petroleum Industry in an Era of Globalization and Global Warming; and an Overview of Exploration and Production Contracts. Washington, D.C.; May, 2014.

Visiting Professor, La Trobe University Law School, Global Business Law program; Melbourne, Australia. Taught 2-credit hour course on International Energy Law. Feb. 2013.

Lecturer on Commercial Frameworks, Energy & Environmental Policy, and Social Responsibility and Sustainable Development for the International Oil and Gas course at Chulalongkorn University's LL.M. (Business Law) Program, Bangkok, Thailand, Aug. 20 – 22, 2012 (in cooperation with Chandler & Thong-ek law firm and the Association of International Petroleum Negotiators). Class members included government and industry professionals in addition to LL.M. students.

Visiting Professor, Vermont Law School, Institute for Energy and the Environment. Taught two-week course on "Oil and Gas: Production and the Environment (Domestic and International Legal Frameworks)," July-Aug., 2012, July-Aug., 2011, and July-Aug., 2010.

Fulbright Specialist lectureship at KIMEP University (Kazakhstan Institute for Management and Strategic Research) in Almaty, Kazakhstan. Presented lectures at the Law School on selected international oil and gas law topics and worked with the faculty to strengthen the thesis process for LL.M. students. Mar. 5 – 16, 2012.

Lecturer on U.S. Oil and Gas Law and on International Petroleum Transactions for a joint University of Houston – Universidade Católica Portuguesa Global School of Law Advanced Legal Studies program for Sonangol attorneys in Houston, Texas (July, 2011) and Lisbon, Portugal (Sept. 2011).

Lecturer on "Sustainable Development in International Petroleum Contracts and Practice" for the LL.M. program in Petroleum Law at the Universidade Agostinho Neto, Luanda, Angola; May 5–10, 2011.

Lecturer on "Commercial Frameworks: Concessions, PSAs, Tax-Royalty, Risk Service, and Hybrids" for the International Oil and Gas course at Chulalongkorn University's LL.M. (Business Law) Program, Bangkok, Thailand, Aug. 8-11, 2010 (in cooperation with Chandler & Thong-ek law firm and the Association of International Petroleum Negotiators). Class members included government and industry professionals in addition to LL.M. students.

Lecturer on U.S. Oil and Gas Law and on International Petroleum Transactions for a joint University of Houston Law Center – Universidade Católica Portuguesa Global School of Law Advanced Legal Studies

program for Sonangol attorneys in Houston, Texas (July 2010) and Lisbon, Portugal (Sept. 2010).

Speaker on oil revenue management, international petroleum contracts, anti-corruption initiatives, and oil revenue sharing at the request of the U.S. State Department, Speakers Bureau on Economics and Global Issues, Kampala, Uganda; Mar. 14-21, 2009.

Visiting Professor, University of Texas School of Law, Austin, TX; Spring 2007.

Visiting Professor, Seton Hall University Summer Program in Cairo, Egypt; Summer 2007 (2-hour credit course on international petroleum transactions).

Lecturer on international petroleum transactions in Univ. of Houston Bauer School of Business Executive MBA program, Beijing, China, Sept. 2008 and Jan. 2007 (teaching in a 2-hour credit course to about 40 Sinopec and 40 China National Petroleum Company managers).

Visiting Professor, Vermont Law School, Institute for Energy and the Environment, teaching two-week course on *Natural Gas: Domestic and International Legal Frameworks*, July 24-Aug. 5, 2006.

Lecturer in International Petroleum Law, University of Rio de Janeiro, Jan. 12-16, 2004 (on international petroleum contracts, sustainable development, indigenous rights, conservation and environment, energy policy).

Lecturer on Conservation and the Environment in International Commercial Frameworks for Developing Energy Investments, as part of the New Era Training Program sponsored by the Institute for Energy, Law & Enterprise at the University of Houston, May 2001, 2002, 2003, 2004.

Kerlin Distinguished Lecturer in Environmental Law, Pace University School of Law, White Plains, N.Y., Fall 2001.

Lecturer on Conservation Law and Environmental Law in the U.S., to PEMEX officials, Mexico City, Feb. 1997 (through the Energy Institute of the University of Houston).

SPEECHES & OTHER

Lecturer on “The Oil & Gas Lease: Function and Classification” and “The Oil & Gas Lease: Defining the Duration” at the Oil and Gas Law Short Course; Rocky Mountain Mineral Law Foundation CLE program; Houston, Texas (also Course Chair), Oct. 8 – 12, 2018; Denver, Colorado (also Course Chair), Oct. 16 – 20, 2017; Houston, Texas, Oct. 17, 2016; Denver, Colorado, Oct. 19, 2015; Houston, Texas, Oct. 20, 2014; Denver, Colorado, Oct. 21, 2013.

Presented “Nuts and Bolts of the “Traditional” Oil and Gas Lease” at the Special Institute on Drafting and Negotiating the Modern Oil & Gas Lease; Rocky Mountain Mineral Law Foundation; Denver, Colorado; May 2, 2018.

“The Role of the Regulator,” presented at the University of Houston Law Center Alumni Reunion; University of Houston Law Center; Houston, Texas; Oct. 27, 2017.

“Trade, Trump, Adam Smith and the Oil Industry,” presented to the UK Energy Law & Policy Assn. conference on “Brexit and Energy,” Edinburgh, Scotland; June 30, 2017.

“Offshore Safety in the U. S. Today: Still a Work in Progress,” presented at The University of the West Indies Second Oil & Gas Law Conference on “Exploring the Legal Framework on Oil and Gas Law: The Caribbean Perspective;” Port of Spain, Trinidad and Tobago; June 8, 2017.

Presented “Codes of Conduct and Good Oilfield Practices in Human Rights and the Environment” at the University of Houston Graduate Certificate in Global Energy, Development and Sustainability (GEDS) program for Albanian Ministry of Energy officials and Extractive Industries Transparency Initiative (EITI) representatives; Houston, Texas; May 18, 2017.

“Offshore Safety in the Wake of the Macondo Disaster: Business as Usual or Sea Change?,” presented to the University of Western Australia Centre for Mining, Energy & Natural Resources Law and the University of Western Australia Institute of Advanced Studies; Perth, Australia; Apr. 4, 2017.

“How Can the Petroleum Industry Improve Petroleum Regulation?,” presented at a meeting of the Association of International Petroleum Negotiators – Australia-Pacific Region; Perth, Australia; Mar. 29, 2017.

“The Role of the Regulator – Reflections on 40 Years of Research and Learning about Energy, Economics & the Environment;” 68th Annual Oil and Gas Conference, Institute for Energy Law; Houston, Texas; Feb. 17, 2017.

“The Role of the Regulator,” keynote speech at the First Inter-American Hydrocarbon Regulators Dialogue; University of Houston Law Center; Houston, Texas; Oct. 7, 2016.

Participated in the development of the Graduate Certificate in Global Energy, Development, and Sustainability (GEDS) program at the University of Houston, and presented a 1.5 credit hour segment entitled “Legal Frameworks in Oil and Gas Development;” Houston, Texas; May, 2016.

Interview on “Knowledge@Wharton,” a Sirius XM radio program, discussing the impact of low oil prices on the oil and gas industry; Jan. 13,

2016.

“Offshore Safety Regulation in the Gulf of Mexico Today” and “Best Practices in the Petroleum Industry,” two class sessions at a 6-week training program entitled “Regulation of Hydrocarbons: An Advanced Training Program for Professionals,” organized by the University of Houston Law Center and the Instituto Tecnológico Autónomo de México (ITAM) – Centro de Energía y Recursos Naturales; Mexico City; Nov. 13 - 14, 2015.

“Best Practices in the Regulation of Energy Sector Safety,” presented to the staff of ASEA (Agencia de Seguridad, Energía y Ambiente), the Mexican environmental and safety regulator of the oil and gas industry; Mexico City; Nov. 13, 2015.

As the Liskow & Lewis Visiting Professor in Energy Law at Louisiana State University, presented “Offshore Safety after Macondo” and participated in two energy law classes at the LSU Paul M. Hebert Law Center; Baton Rouge, Louisiana; Nov. 5 – 6, 2015.

“Offshore Safety after Macondo: Lowering Risks through Regulation in the Gulf and Globally,” presented at the panel on “Tensions in the Sustainable Energy Sphere and Community Solutions” at the University of Denver Sturm College of Law’s Leonard v.B. Sutton Colloquium – 48th Annual conference on International Law on Sustainable Energy and Sustainable Development; Denver, Colorado; Oct. 10, 2015.

Course Director and lecturer for a 5-day Advanced Legal Studies Program on specialized topics in oil and gas law presented to lawyers from Petróleo Brasileiro S.A. (Petrobras) at the University of Houston Law Center; Houston, Texas; June 15-19, 2015, Dec. 8-12, 2014, Aug. 5-9, 2013, Dec. 10-14, 2012, June 25-29, 2012 and Dec. 12-16, 2011.

“International Petroleum Contracts: Key Issues and Key Players;” presented to the Young Professionals Group of the World Affairs Council of Houston; Houston, Texas; May 21, 2015.

“The Future of the Petroleum Industry in an Era of Globalization and Global Warming: Today, Tomorrow and Beyond;” a presentation to hotel owners and managers at the IHG Fifth Annual Oil & Gas Symposium; Houston, Texas; May 21, 2015.

“Overview of Petroleum Contracts;” a presentation to the Baker & McKenzie 2nd Annual Global Oil & Gas Institute; Houston, Texas; May 19, 2015

“Upstream Contracts – Comparative Overview and Key Fiscal and Legal Terms in PSCs, Concessions and Risk Service Contracts;” a lecture to students at the International Law Institute Project Management program;

Washington, D.C.; May 15, 2015.

“Offshore Safety in the Gulf of Mexico: Opportunities for Cooperation;” presented at The University of West Indies Inaugural Oil & Gas Law Conference on “Key Legal Issues in Oil and Gas Law: A Caribbean Perspective;” Port of Spain, Trinidad and Tobago; May 1, 2015.

Presentation to attorneys and clients of PLMJ law firm of “Overview of Host Government Contracts: Global Terms; Global Trends;” Lisbon, Portugal; Feb. 26, 2015.

Led seminar discussion on offshore safety management systems as part of the “Eminent Speakers in Energy Law” course at the University of Calgary School of Law; Calgary, Alberta, Canada; Feb. 3, 2015.

Moderator, Offshore Exploration & Production: Challenges & Opportunities Panel, 2nd Mexico Oil & Gas Investment Summit; a conference organized by PetroRock Energy LLC; Mexico City, Mexico; Dec. 4, 2014.

“Offshore Safety in the Gulf of Mexico, the New U.S. System,” a lecture at a 4-week training program entitled “Regulation of Hydrocarbons: An Advanced Training Program for Professionals;” organized by the University of Houston Law Center, Instituto Tecnológico Autónomo de México (ITAM) – Centro de Energía y Recursos Naturales, and Wood Mackenzie; Mexico City, Mexico; Dec. 3, 2014.

“Best Practices in Health, Safety and the Environment (HSE) in Exploration and Production;” presented to the Secretaría de Hidrocarburos of Ecuador at a conference on “The Law and Practices of Upstream Oil and Gas Development: Challenges for Ecuador;” Quito, Ecuador; Oct. 17, 2014.

“International Petroleum Transactions: Reflections on Best Practices and Legal Reforms over the Past 25 Years;” speech presented at the Congress on Energy Law and Policy, inaugurating the Masters of Energy Law and Sustainability program; Faculty of Law of the Universidad Autónoma de Nuevo León; Monterrey, Mexico; Aug. 8, 2014.

“U.S. Shale Gas Regulation;” keynote speech presented at a seminar on Unconventional Hydrocarbons at the invitation of the Natural Resources and Energy Section of the Société de Législation Comparée in partnership with l’École des Mines Paris Tech; Paris, France; May 12, 2014.

“Deepwater Horizon: four years on and offshore safety remains questionable;” an op-ed in The Conversation, an on-line, independent news and opinion service sourced from the academic and research community, and available at: <http://theconversation.com/deepwater-horizon-four-years-on-and-offshore-safety-remains-questionable-25471>; Apr. 18, 2014.

“North American Energy Independence in a World of Globalization and Climate Change;” presented at a North American Consortium on Legal Education (NACLE) workshop on “Re-Energizing North America: Pipelines and Policy;” Vancouver, British Columbia; Mar. 14, 2014.

Panelist for “Justice and Valhalla – Legal Issues in Wagner’s Ring” (speaking on ownership of the gold and the resource curse); presented by the Houston Grand Opera; Houston, Texas; Feb. 25, 2014.

Moderator for “Fracking: The Cost of Energy Independence,” a symposium and CLE program presented by the University of Houston Law Center in connection with the 2014 Andrews Kurth Moot Court National Championship; Houston, Texas; Jan. 23, 2014.

“The Role of the Regulator in Offshore Safety: Best Practices;” presented as part of the “New Challenges of the Petroleum Industry in 2013” seminar program of the Center for Excellence in Development of Oil, Energy and Mining (CEDPEM), in collaboration with the State University of Rio de Janeiro (UERJ). This seminar attracted the participation of practitioners, regulators and other state officials, and academicians. Also presented “Confronting the Resource Curse: Recent Developments” at a seminar organized by the Center for Advanced Studies and Research in Petroleum Law (CEDPETRO), in collaboration with UERJ. Rio de Janeiro, Brazil; Dec. 9-10, 2013.

“The Future of Energy in a World of Global Warming: to 2040 and Beyond;” speech and webcast presented to Seyfarth Shaw LLP and its global clients; Houston, Texas; Oct. 18, 2013.

Lecturer on “The Global Energy Outlook” for students from Pandit Deendayal Petroleum University (Gujurat, India) and Rajiv Gandhi Institute of Petroleum Technology (Uttar Pradesh, India) at the University of Houston; June 21, 2013.

“A Sonangol tem contratos petrolíferos muito sofisticados;” an interview published in the Jornal de Negócios; Lisbon, Portugal; June 11, 2013.

“The Role of the Regulator: What is Best Practice,” presented to the Offshore Colombia Forum; Houston, Texas; May 6, 2013.

“Recent Developments in Confronting the Resource Curse: Lessons for Sustainable Development;” presented to the Washington, D.C. Chapter of the Association of International Petroleum Negotiators (AIPN); Washington, D.C.; Apr. 18, 2013.

“Voluntary Pooling and Unitization;” Fundamentals of Oil, Gas and Mineral Law, University of Texas CLE; Houston, TX; Mar. 21, 2013 and Apr. 7, 2011.

Moderator for two panels (“Women in Science” and “How to Benefit from Experience Abroad”) at the Schlumberger Foundation, Faculty for the Future Fellows Regional Forum, presented in collaboration with Rice University; Houston, Texas; Dec. 19, 2012.

Lecturer on “Ownership, Rule of Capture, and Correlative Rights” and on “The Oil and Gas Lease: Function and Classification” at the Oil and Gas Law Short Course; Rocky Mountain Mineral Law Foundation CLE program; Houston, TX; Oct. 22, 2012 and Oct. 18, 2010; and Denver, CO; Oct. 17, 2011.

“The Path to Global Best Practices in Deepwater Drilling: in the Wake of Macondo;” presented to the State Bar of Texas Minority Counsel Program; Houston, Texas; Oct. 4, 2012.

“Sustainable Development in the Petroleum Industry: Lessons for Namibia in Avoiding the Resource Curse;” presented to the Namibia International Oil & Gas Conference & Exhibition 2012; Windhoek, Namibia; Sept. 6, 2012.

“The Path to Global Best Practices in Offshore Drilling;” presented to the CIS Chapter of the Association of International Petroleum Negotiators (AIPN);, at KIMEP University during Fulbright Specialist visit at KIMEP; Almaty, Kazakhstan; Mar. 14, 2012

Interview on Houston Public Radio on “Landowners Win Water,” a report on the impact of the Texas Supreme Court decision in the case of *Edwards Aquifer vs. Day*; Feb. 24, 2012.

“Best Practices in Oil and Gas Contracts and Deepwater Drilling,” keynote speaker at a conference on “Contractual and Safety Best Practices in Petroleum Operations,” organized by the Association Andrés Bello des Juristes Franco-Latino-Américains; Havana, Cuba; Nov. 29, 2011.

“Is There a Holy Grail for Safety and Environmental Protection in High Pressure Hydrocarbon Development?” presented to the American Association of Mineral Owners, Houston, Texas; Sept. 15, 2011.

“The Deepwater Horizon Spill: Causes, Consequences and Cures;” presented to the Legal Department and other management and technical staff of Sonangol (Angola’s national energy company); Luanda, Angola; May 9, 2011.

“In Support of Fracking: Things We Need to Know; Let’s Use Good Science to Nail Down All the Facts;” Op Ed, Houston Chronicle; Feb. 18, 2011.

“The Deepwater Horizon Spill: Causes, Consequences and Cures;” invited speaker at University of Calgary School of Law; Calgary, Alberta, Canada; Feb. 10, 2011.

Selected for Candidacy on the Fulbright Specialists Roster by the Council for International Exchange of Scholars; Feb. 3, 2011.

“The Future of the Petroleum Industry Under Global Warming: To 2030 and Beyond,” published in PTIT Focus: Special Annual Issue 2010, by the Petroleum Institute of Thailand.

“Development of Oil and Gas in Emerging Markets: A Ugandan Case Study,” Association of International Petroleum Negotiators (AIPN); Houston, Texas; Oct. 20, 2010.

Lecturer on “The Future of the Petroleum Industry under Global Warming” at PTT (Thailand’s national energy company), sponsored by the Petroleum Institute of Thailand; Bangkok, Thailand; Aug. 11, 2010.

Lecturer on “The Global Energy Outlook” and “Sustainable Development and Human Rights” for students from Pandit Deendayal Petroleum University; Gandhinagar, India; at the University of Houston; June 3-4, 2010.

Lecturer on “The Future of Energy under Global Warming” at the Museu de Electricidade, sponsored by the Universidade Católica Portuguesa and others; Lisbon, Portugal; May 5, 2010.

Panelist on the Future of Energy in the public policy session at the Scholarship and Community Conference sponsored by the University of Houston Faculty Senate; Houston, Texas; Apr. 23, 2010.

“Energy under Global Warming” presented at a seminar of the Forum for Advanced Society, a think tank including members of the National Assembly of the Republic of Korea; Seoul, Korea; Mar. 25, 2010.

“The Future of Energy in a World of Global Warming: to 2030 and Beyond” presented at the Wonkwang University School of Law; Iksan, Korea; Mar. 24, 2010.

“Let’s Get Offshore Exploration Right,” Op Ed, Houston Chronicle, Mar. 8, 2010.

Moderator, Panel on Energy, Climate Change, and Water: The Complex Intersection, at the 2010 Symposium on Climate Change, Water & Adaptive Law sponsored by the University of Houston Environmental & Energy Law & Policy Journal; Houston, Texas; Feb. 26, 2010.

“The Future of the Petroleum Industry under Global Warming” and “Does Legislative Reform Make A Difference in Petroleum Development?,” presented at International Law and Practice in the Exploration and Production of Hydrocarbons Conference for Ecopetrol S. A. managers; co-sponsored by the University of Houston Law Center and the Universidad de la Sabaña, Bogotá, Colombia; Nov. 14, 2009.

Amicus Curiae brief to the Supreme Court of Texas *in re Exxon Corp. v. Miesch*, urging a rehearing of the Miesch case, which involved waste in oil and gas fields. Oct. 30, 2009. The rehearing was granted.

“The Future of the Petroleum Industry Under Carbon Constraints,” presented at the 27th Ann. Advanced Oil, Gas and Energy Resources Law Course; State Bar of Texas CLE program; Houston, Texas; Oct. 15, 2009.

“Electric Transmission Barriers to Renewable Energy Growth in the U.S.,” presented at a Curriculum Development Workshop of the North American Consortium on Legal Education (NACLE), co-sponsored by the Centro de Investigación Económica (CIDE), Universidad Nacional Autónoma de México (UNAM), and Universidad Panamericana; Mexico City; Oct. 2-3, 2009.

Panelist discussing “Confidentiality of Petroleum Contracts,” International Conference on Extractive Industries Contracts, sponsored by Oxfam, Revenue Watch Institute and others; Washington D.C., Sept. 23, 2009.

Speaker on the Ugandan petroleum industry, U.S. Department of State, Overseas Security Advisory Service, intelligence briefing on Africa to oil company security personnel, Houston, Texas; July 30, 2009.

Speaker on “The Future of the Petroleum Industry under Global Warming,” U.S. State Department Foreign Service Officers training, Houston, Texas; July 28, 2009.

“Legislative Changes as an Essential Element to Promote Exploration and Production of Hydrocarbons – a Comparative Perspective,” presented at a seminar for PEMEX managers on International Law and Practice in Exploration and Production in the Context of the Mexican Energy Reform; co-sponsored by the University of Houston Law Center and the Instituto Tecnológico Autónomo de México (ITAM); Mexico City; June 25, 2009.

“Voluntary Pooling and Unitization,” Bootcamp: Fundamentals of Oil, Gas and Mineral Law, University of Texas CLE; Houston Texas; Mar. 26, 2009.

“The Future of the Petroleum Industry under Global Warming,” Advanced Oil and Gas Short Course, University of Houston Law Center, Feb. 5 & 12, 2009 (Houston and Dallas).

Attendee/presenter, The Conference Board, Environmental, Health and Safety Legal Council, on hot issues in the new administration’s environment/energy agenda; Houston, Texas; Jan. 14-16, 2009.

“The Future of Our Petroleum-Based Economy: Of Peak Oil, Big Oil, Chinese Oil, Flags and Open Doors,” presented at the Cumberland School of Law, Birmingham, Alabama (conference on “Biofuels and the New Energy Economy,” Feb. 10, 2006); at the Alabama Environmental

Education Consortium 2d Ann. Conference on “Sustainability and Nuclear Power: Opportunities and Challenges,” April 2006, Birmingham, Alabama; at the Association of International Petroleum Negotiators (AIPN), May 24, 2006, Houston, TX; at Shell International Exploration & Production, Inc. offices, June 1, 2006, Houston, TX; at the Women’s Energy Network, Oct. 31, 2006 Houston, TX; at the American Committees on Foreign Relations, Boise, Idaho, Dec. 11, 2006; and the Idaho Environmental Forum, Dec. 11, 2006; at the energy symposium at University of Texas School of Law, Texas Oil, Gas & Energy L. J. (Feb. 2007); at the American Committees on Foreign Relations, Tucson, Arizona, Mar. 14, 2007; at the American Committees on Foreign Relations, Princeton, NJ, Oct. 18, 2007; at the St. Gallens University (Switzerland) MBA program, Austin, TX, Nov. 9, 2008 (at the University of Texas Law School); at the University of Houston Advanced Oil and Gas Law Inst., Jan. 26 & Feb. 2, 2007 (Dallas and Houston); at the New Zealand Petroleum Conference “Beyond 08” on Mar. 10, 2008, in Auckland, New Zealand (at the invitation of the Crown Minerals Department; at the Permian Basin Law Ass’n, Midland, Texas, Apr. 16, 2008; at the American Committees on Foreign Relations, Tulsa, OK, Apr. 29, 2008; at the American Committees on Foreign Relations in Casper, Wyoming and Billings, Montana, May 18 and May 20, 2009.

Interview on National Public Radio, *All Things Considered*, on “Utilities Seek Permits for New Nuclear Reactors,” May 30, 2006.

Interview with Markus Haefliger of *Neue Zurcher Zeitung* on profit splits between investors and host governments in international petroleum contracts, May 11, 2006, for “am Sonntag” Sunday edition.

Commenter on “Second-Generation Approaches for Energy and the Environment,” at Florida State University Symposium on the Law and Policy of Ecosystem Services; Tallahassee, Florida; Apr. 7-8, 2006.

Participant, AIPN Drafting Committee on Social Impact Assessment Provisions in International Petroleum Contracts, Fall 2005.

“Trusting Markets after Enron,” National Oil & Gas Royalty Conference, Professional Development Inst. of N. Texas University; Houston, Texas; Dec. 5-6, 2005.

“Can Energy Markets Be Trusted—Three Years after the California Meltdown,” Houston Bar Ass’n Oil, Gas & Mineral Law Section; Houston, Texas; Apr. 26, 2005.

Power on Capital Hill: Congress Should Listen to Recent National Commission, LEGAL TIMES, May 16, 2005 (special issue on Energy Law).

“Energy Litigation Trends: Some Thoughts on Deregulated Markets,” presented at Fulbright & Jaworski’s Energy Litigation Trends Panel; Houston, Texas; Apr. 20, 2004.

“Enron and Energy Markets: Myths, Ideology and the Public Trust,” State Bar of Texas, Advanced Oil, Gas and Energy Resources Inst., Houston, Texas, Oct. 17, 2003.

“Can Energy Markets Be Trusted?,” Natural Resources Law Professors Section meeting, Rocky Mountain Mineral Law Inst., San Diego, California; July 2003.

“Onshore Oil and Gas Case Update 2002,” presented at 54th Ann. Inst. of Oil and Gas Law, Center for American and International Law (formerly the Southwestern Legal Foundation); Houston, Texas; Feb. 20, 2003.

Chair and presenter of “Welcome and Overview” at “Behind the Gas Pump: Implications of U.S. Dependence on Mideast Oil” conference, Jan. 17, 2003, University of Houston Law Center.

Lecturer on “Top 10 Issues in Energy Policy Today,” Chapa-O’Quinn teleconference between Houston, Texas and Monterey, Mexico, 2002.

Speaker, “In the Shadow of the Giant’s Fall,” a symposium on Enron’s collapse; University of Houston Law Center, Corporate and Tax Law Society; Houston, Texas; Feb. 12, 2002.

Barbri Bar Review Lecturer, Oil & Gas Law, 1985 – 2008.

Oil and Gas Law Update, 46th Ann. Rocky Mountain Mineral Law Institute, Vancouver, Canada, July 21, 2000 (published in revised form in ABA, Section of Environment, Energy, and Resources, Energy and Natural Resources Litigation Committee Newsletter (Jan. 2001).

Lecturer on Oil and Gas Conservation Regulation, Oil and Gas Short Course (sponsored by Rocky Mountain Mineral Law Foundation, Southwestern Legal Foundation, and Eastern Mineral Law Foundation), Oct. 2000 and 2002 (Houston, Texas); and Oct. 2006.

Lecturer on Oil and Gas Law and Environmental Law in the U.S., to Chinese National Petroleum Co. lawyers, Jan. 1998.

Commentary, “Oil and Gas Politics,” Texas Lawyer, Jan. 16, 1995.

Book Review of Adam Smith Goes to Washington by Adam & Brock, The Houston Lawyer, Mar/April 1994.

Commentary, “The Great Land Grab”, Texas Lawyer, Dec. 6, 1993.

“Attracting Investment and Technology: A New Era -- Environmental Protection in Russia”, Ass’n of Int’l Petroleum Negotiators Conference, Dallas, Oct. 1992.

Numerous speeches to the Oil and Gas Section of the Houston Bar

Ass'n, the National Association of Division Order Analysts (NADOA); and the National Association of Royalty Owners (NARO).

"Doing Non-Traditional Legal Research," presented to Third Institute for Natural Resources Law Teachers, May 1985.

ACTIVITIES

Honorary At-Large Trustee, 2017 – present, Rocky Mountain Mineral Law Foundation; University Trustee, 1998-2016.

Faculty editor, *Journal of Environmental & Energy Law & Policy* (journal initiated by students at the University of Houston Law Center in 2005); Faculty editor-in-chief (2004-2005, the start-up year).

Chair, American Association of Law Schools, Section of Natural Resources Law Professors, 2000-2001.

Academic Chair, 8th Natural Resources Law Teachers Institute, Reno, Nevada, June 2-4, 1995.

American Public Power Association, selected to judge Energy Innovation Awards, 2004.

Participant, Conference on Energy, Terrorism & Technology, sponsored by the Foundation for Research on Economics and the Environment, Aug. 2003, Bozeman, MT.

Co-Chair, Environmental Section, 47th Ann. Rocky Mountain Mineral Law Institute, Santa Fe, New Mexico, July 25, 2001.

Elected Council Member of State Bar of Texas Oil, Gas & Mineral Law Section 1988-91.

Member, Policy Panel of the National Advisory Committee of Fund for Democracy and Development (on U.S. Assistance to Russia) 1993.

Member of State Bar of Texas, American Bar Association, Houston Bar Association, Association of International Petroleum Negotiators (AIPN), Federal Energy Bar, Harvard Club, Sierra Club, Nature Conservancy.

AWARDS & GRANTS

Received "Professor in Residence" Award from the Association of International Petroleum Negotiators (AIPN) for 2015. The award provides funding to attend AIPN educational programs throughout the world.

Received the Clyde O. Martz Award from the Rocky Mountain Mineral Law Foundation on July 17, 2014. This national award recognizes excellence in teaching natural resources law, fostering a broad understanding of the law, mentoring of students, and innovative style.

Awarded a Fulbright Specialist grant in Law at KIMEP University in Almaty, Kazakhstan; Mar. 5 – 16, 2012.

Awarded A.A. White Professorship 1996-2017; awarded Law Foundation Professorship 1987-1996.

Awarded speaker's trophy, New Zealand Petroleum Conference "Beyond 08" on Mar. 10, 2008, in Auckland, New Zealand (at the invitation of the Crown Minerals Department, for speech on "The Future of Our Petroleum-Based Economy: Of Peak Oil, Big Oil, Chinese Oil, Flags and Open Doors."

Awarded university-wide Teaching Excellence Award selected from all colleges on the University of Houston campus, May 2006.

Awarded Education service award by Board of Association of International Petroleum Negotiators for contributions to education of students and professionals involved in international petroleum (2007 and 2010).

Awarded AIPN grant for research on international unitization (with David Asmus), 2003.

Honored for contributions to oil and gas and energy law by the American Bar Association's Energy Litigation Section at its Annual Meeting, Houston, Texas, Apr. 2003.

Awarded Ethel Baker Award for service to the legal community, University of Houston Law Center, 2003.

Awarded Faculty Development leave 1987-88, 1996-97, and Fall 2005.

A.A. White Award for Teaching Excellence and Concern for Legal Education, presented by Student Bar Association in 1980, and 1985. Award for teaching excellence from Barons (Law Honor Society), 1979 and 1984.

Resources for the Future grants in 1982 and 1984 to support research on unitization of oil and gas fields in Texas.