

Amy Myers Jaffe

David M. Rubenstein Senior Fellow for Energy and the Environment
Director, Program on Energy Security and Climate Change
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Research Fields

Corporate Investment Strategies in the Energy Sector; Sustainability and Risk in the Energy Sector; US Unconventional Oil and Natural Gas' Challenge to OPEC; Global Climate Policy and Energy Investing; Peak Oil Demand and Stranded Assets; The Oil Price Cycle. Oil and Natural Gas Geopolitics; Strategic Energy Policy.

Current Research Projects

The Role of Unconventional Oil and Gas in Geopolitics; Oil and US Foreign Policy; Impact of the Digital Economy on Energy Markets and Security; Peak Oil Demand and Stranded Assets Risk. The Oil Cycle. Climate Change Risk and Energy Investing.

Special Assignments and Board Positions

Co-Chair, Steering Committee of the Women in Energy program, Columbia University Center on Global Energy Policy, 2017 – present

Senior Advisor, Energy and Sustainability, Office of the Chief Investment Officer of the Regents, 2014-June 2017

Global Fellow, Woodrow Wilson International Center for Scholars, 2014-June 2017

Chair, Global Agenda Council, Future of Oil and Gas, World Economic Forum (Davos), 2013-2016

Member, Global Future Council on International Security, 2016-2018

Member, US National Petroleum Council, 2013-2017; Member, Subcommittee on CCUS, 2018

Member, Petroleum Marketing Advisory Committee (PMAC), California Energy Commission, 2014-September 2017

Member, Steering Committee, Independent Review of Scientific and Technical Information on Well Completion Techniques, including Hydraulic Fracturing, in California, Bureau of Land Management, California State Office, 2015

Member, Advisory Board of GE Ecomagination, 2013-2015

Member, President's Advisory Board, US Association for Energy Economics (USAEE), 2011-2012.
Member, Award's Committee, 2016-2017

Member, Advisory Board, Houston Area Research Center (HARC), 2010-2012

Advisor, South Texas Money Management, 2008-2012

Strategic Advisor, American Automobile Association, 2007-2009

Chair, Technical Advisory Group on Nuclear Energy in the Middle East, USIP-Stimson Center, 2010

Member, Council on Foreign Relations, 1996 to present

Honors and Awards/Professional Societies

Senior Fellow Award, US Association for Energy Economics, 2015

Adelman-Frankel Award, US Association for Energy Economics, to the Baker Institute Energy Forum (*Founding Director*) 1996-2012, for its unique and innovative contribution in the field of energy and economics

Presenting Scholar, Aspen Institute Congressional Programs, 2003, 2009, 2014, 2017

US Congressional Testimony, 2014, 2013, 2008, 2006

Opening Keynote, Annual Meeting, Association of American Universities, 2010

Elle Magazine, Women for the Environment, 2006

100 Best and Brightest Award, Contribution to Society, Esquire Magazine, 2005

Honoree, Key Women in Energy Americas, Pathfinders/Trailblazers, 2004

Award for Excellence in Writing, International Association for Energy Economics, 1994

Peer Review Journal Board Positions

Associate Editor, North America, *Energy Strategy Reviews*

Member, Editorial Board, *Journal of Economics and Energy and Environmental Policy*

Guest Editor, *Energy Strategy Reviews*, Special Issue, Current and Emerging Strategies for US Energy Independence, December 2014

Guest Editor, *Energy Policy*, Natural Gas in Sustainable Transportation in the U.S., September 2017

Select Recent Grants

PI, Alfred P. Sloan Foundation, Technology, Innovation, Energy and National Security, Autumn 2017 to present

PI, Alfred P. Sloan Foundation, Technological, Environmental and Economics of Natural Gas in Sustainable Transport in the United States, 2015-March 2017

PI, CA- Air Resources Board, Feasibility of Renewable Natural Gas in California, 2014-2016

PI, CA- Air Resources Board/ U.S. Department of Transportation, Infrastructure in Low Carbon Fuel Sustainable Freight, 2015-2016, via National Center for Sustainable Transport, 2015-June 2017

Seed gift, GE- Ecomagination, Spatial Optimization Modeling, Natural Gas in U.S. Freight Transportation

Lead researcher, California Energy Commission EC- Chapter Natural Gas in Transportation, 2013-2014

C0-PI, California Energy Commission, Evaluation of Emerging Technologies in Transportation In California

PI, Alfred P. Sloan Foundation, Evaluation of Policy Scenarios on U.S. Natural Gas, 2012-2013

Co-PI with Harvard University Kennedy School, "Geopolitics of Natural Gas," ConocoPhillips Foundation, 2012-2014

PI, "Shale Gas and U.S. National Security", U.S. Department of Energy, 2010-2011

Education

Princeton University (1980), Bachelor of Arts in Near Eastern Studies and Arabic

Previous Employment

Executive Director, Energy and Sustainability, University of California, Davis. 2012-2017

Founding Director, Energy Forum, James A. Baker III Institute for Public Policy, Rice University and Wallace S. Wilson Fellow for Energy Studies. Associate Director, Rice Energy Program, George R. Brown School of Engineering. 1996-2012

Senior Editor, Petroleum Intelligence Group, New York 1988-1996

New York Editor, AP-Dow Jones/Wall Street Journal, 1984-1988

Select Books, Peer Review Academic Journals and Reviewed Book Volumes

“Are Fossil Fuel Firms Informing Investors Well Enough About the Risks of Climate Change?” Paul A. Griffin and Amy Myers Jaffe, *Journal of Energy and Natural Resources Law*, Volume 36, August 2018

“The Coupled Cycles of Geopolitics and Oil Prices,” Mahmoud A. El-Gamal and Amy Myers Jaffe, *Economics of Energy and Environmental Policy*, vol. 7, no. 2, 2018 at <http://www.iaee.org/en/publications/eeepinit2.aspx?id=0>

“Green Giant: Renewable Energy and Chinese Power,” *Foreign Affairs*, March/April 2018 at <https://www.foreignaffairs.com/articles/china/2018-02-13/green-giant>

“Natural Gas as a Bridge to Hydrogen Transportation Fuel: Insights from the Literature,” Joan Ogden and Amy Myers Jaffe, *Energy Policy*, April 2018

“California Low Carbon Fuel Policies and Natural Gas Fueling Infrastructure: Synergies and Challenges to Expanding the Use of RNG in Transportation,” Daniel Scheitrum, Amy Myers Jaffe, Nathan Parker, et al., *Energy Policy* 110: 355-364, November 2017

“Changing Oil Market Fundamentals and the Implications for OPEC Production Strategy” Daniel Scheitrum, Amy Myers Jaffe and Lew Fulton, *IAEE Energy Forum*, 15-16, Bergen Special Issue, 2016

Guest editor, “Potential of Natural Gas as a Pathway to Sustainable Transport” *Energy Policy*, January 2017 at <https://www.sciencedirect.com/journal/energy-policy/special-issue/1091JN5ZC19>

“Geospatial, temporal and economic analysis of alternative fuel infrastructure: The case of freight and U.S. natural gas markets” Yueyue Fan, Allen Lee, Nathan Parker, Daniel Scheitrum, Amy Myers Jaffe, Rosa Dominguez-Faus, and Kenneth Medlock, III, *Energy Journal*, January 2017

“The Role of the USA in the Geopolitics of Climate Policy and Stranded Oil Reserves” *Nature Energy*, Article No. 16158, Vol. 1, October 2016

“War and the Oil Price Cycle” Amy Myers Jaffe and Jareer Elass, *Journal of International Affairs*, January 2016

“Science and the Stock Market, Investor’s Recognition of Unburnable Carbon,” Paul A. Griffin, David H. Lont, Amy Myers Jaffe, Rosa Dominguez-Faus, *Energy Economics*, December 2015

“Testing substitution between private and public storage in the U.S. oil market: A study on the U.S. Strategic Petroleum Reserve” Colin Carter, Amy Myers Jaffe, Daniel Scheitrum, *Energy Economics Special Issue, “Energy, Commodities, and Geopolitics: Modeling Issues,”* December 2015

Guest Editor, *Energy Strategy Reviews*, Special Issue, Current and Emerging Strategies for US Energy Independence, December 2014

“The Global Gas Market, LNG Exports and the Shifting US Geopolitical Presence,” Kenneth Medlock, Amy Myers Jaffe and Meghan O’Sullivan, *Energy Strategy Reviews*, December 2014

"New Alignments? The Geopolitics of Gas and Oil Cartels and the Changing Middle East." Songying Fang, Amy Myers Jaffe and Tec Loch-Temzelides. *Journal of Economics of Energy and Environmental Policy*. Volume 3. Number 1. January 24, 2014.

Oil, Dollars, Debt, and Crises: the Global Curse of Black Gold. Mahmoud El-Gamal and Amy Myers Jaffe. Cambridge University Press, January 2010.

"Increased Water Intensity of Corn Ethanol" Dominguez-Faus, Rosa, Folberth, Christian, Liu, Junguo, Jaffe, Amy M., and Alvarez, Pedro J. *Environ. Sci. Technol.*, 2013, 47 (11), pp 6030–6037

"A Note on Saudi Price Discrimination" with Ronald Soligo. *Energy Journal*, Vol. 21 No. 1, Jan. 2000.

Energy & Security: Foreign Policy Strategies for a World in Transition, 2nd ed. Jan H. Kalicki and David L. Goldwyn (eds.) Wilson Center Press and Johns Hopkins University Press, 2013. Chapters 5 and 13 contributor.

"OPEC – Can the Cartel Survive Another Fifty Years?" Chapter 5 Contributor with Edward L. Morse.

"China, India and Asian Energy" Chapter 13 Contributor with Kenneth Medlock

"Resource Nationalism and Oil Development: Profit or Perils" in Beyond the Resource Curse. eds. Brenda Shaffer and Taleh Ziyadov. University of Pennsylvania Press, 2012 Chapter contributor

"The Arab Awakening and Oil: A Pending Oil Pinch?" with Keily Miller. *The Whitehead Journal of Diplomacy and International Relations*, January 1, 2012

"The Americas, Not the Middle East, Will be the World Capital of Energy." The Future Issue, *Foreign Policy*, September/October 2011

"The Status of World Oil Reserves and Implications for the Gulf" with Kenneth B. Medlock III and Ronald Soligo. The Emirates Center for Strategic Studies and Research. June 2011.

"State-Backed Financing in Oil and Gas Projects." Global Energy Governance: The New Rules of the Game, eds. Andreas Goldthau and Jan Martin Whitte. Brookings Institution Press, Washington, DC, 2010, p. 107 – 132. Chapter contributor with Ronald Soligo

"The Politicization of Markets: Implications for Conflict and Cooperation" *Energy Security in the Gulf: Challenges and Prospects*, The Emirates Center for Strategic Studies, 2010. Chapter contributor with Ronald Soligo

"Energy Balances and the Potential for Biofuels in Cuba." *Cuba's Energy Future*, ed. Jonathan Benjamin-Alvarado, Brookings Institution Press, Washington, DC, 2010, p. 80-110. Chapter contributor with Ronald Soligo

"OPEC: An anatomy of a cartel." *Energy Security Challenges for the 21st Century*. Eds. Gal Luft and Anne Korin. Greenwood, 2009. Chapter contributor

"Subpriming the Pump," with Mahmoud El-Gamal, The Oil Issue, *Foreign Policy*, September/October 2009

"Energy security: the Russian connection." Energy Security and Global Politics: The Militarization of Resource Management. Eds. Daniel Moran and James A. Russell. Abington, UK. 17 July 2008. Chapter contributor with Ronald Soligo

"Energy Security, Climate and Your Car: U.S. Energy Policy and Beyond." Reducing Climate Impacts in the Transportation Sector. Eds. Daniel Sperling and James Cannon. Springer Press: December 8, 2008. Chapter contributor

"The Impending Oil Shock: An Exchange," with Michael T. Klare and Nader Elhefnawy. *Survival*. Vol. 50, No. 4, August-September 2008: 61-82.

"The United States and the International Energy Barrier." A Strategy for American Power: Energy, Climate, and National Security. Eds. Sharon Burke and Christine Parthemore. Solarium Strategy Series, Center for a New American Security (CNAS), June 2008.

"Energy Security: Meeting the Growing Challenge of National Oil Companies" with Matthew E. Chen. *The Whitehead Journal of Diplomacy and International Relations*, Vol. VIII, No. 2, Summer 2007: 9-21.

"Nanotechnology and Our Energy Challenge" with Wade Adams. Environmental Nanotechnology: Applications and Impacts of Nanomaterials. Eds. Mark R. Wiesner and Jean-Yves Bottero. McGraw Hill: New York, 2007.

Co-Editor and author of introduction and conclusion with David Victor.
Natural Gas and Geopolitics from 1970 to 2030. Cambridge University Press, June 2006.

"Market Structure in the New Gas Economy: Is Cartelization Possible?" with Ronald Soligo. In Natural Gas and Geopolitics from 1970 to 2030. Cambridge University Press, June 2006.

"The Persian Gulf and the Geopolitics of Oil," with Joe Barnes. *Survival*, Volume 48, Issue 1, March 2006, pages 143-162.

"Reducing Vulnerability of the Strait of Hormuz," with Dagobert Brito. Getting Ready for a Nuclear-Ready Iran, U.S. Army War College, 2005.

"China and Northeast Asia," with Kenneth B. Medlock III. Energy and Security: Toward a New Foreign Policy Strategy, Eds. Jan H. Kalicki and David L. Goldwyn, Baltimore: The Johns Hopkins University Press, 2005: 267-291.

"OPEC in Confrontation with Globalization," with Edward L. Morse. Energy and Security: Toward a New Foreign Policy Strategy, Eds. Jan H. Kalicki and David L. Goldwyn, Baltimore: The Johns Hopkins University Press, 2005: 65-96.

"The Present Status and Future Prospects of Energy in China" with Ronald Soligo and Kenneth B. Medlock III, Asian Energy Markets and Trends, 2004.

"United States and the Middle East: Policies and Dilemmas." Ending the Energy Stalemate: A Bipartisan Strategy to Meet America's Energy Challenges. National Commission on Energy Policy. December 2004.

"Re-Evaluating U.S. Strategic Priorities in the Caspian Region: Balancing Energy Resource Initiatives with Terrorism Containment," with Ronald Soligo. *Cambridge Review of International Affairs*. Vol. 17, Issue 2, July 2004. Routledge. pp.255-268.

"The Growing Developing Country Appetite for Oil and Natural Gas." *Economic Perspectives*, Vol. 9, No. 2, May 2004.

"Potential Growth for U.S. Energy in Cuba" with Ronald Soligo, ASCE Volume 12 Proceedings, "Cuba in Transition," 2003.

"Energy in Asia: An Overview," with Kenneth B. Medlock III. Asian Energy Trends, Emirates Center for Strategic Studies and Research, 2003.

"The Present Status and Future Prospects of Energy in China," with Ronald Soligo and Kenneth B. Medlock III. Asian Energy Trends, Emirates Center for Strategic Studies and Research, 2003.

"Oil and the New World Order," with Edward L. Morse and Joe Barnes. *The National Interest*, Dec. 2003.

"Geopolitics of Energy." Encyclopedia of Energy, Elsevier Academic Press, 2004, p. 843-857.

"The Role of Inventories in Oil Market Stability," with Ronald Soligo. *The Quarterly Review of Economics and Finance*. Vol. 42, Issue 2, Summer 2002, pages 401-415.

Co-Editor, with Yelena Kalyuzhnova, Dov Lynch and Robin Sickles. Energy in the Caspian Region: Present and Future, MacMillan Palgrave, 2002.

"Caspian Pipelines: Pipe Dream or Reality?" with Ronald Soligo. Energy in the Caspian Region: Present and Future, Eds. Amy Myers Jaffe, Yelna Kalyuzhnova, Dov Lynch and Robin Sickles, 2002.

"Beijing's Oil Diplomacy," with Steven W. Lewis. *Survival*, Spring 2002, Vol. 44, No. 1. Routledge. pp.115-134.

"Guiding Principles for U.S. Post-Conflict Policy in Iraq." Report of an Independent Working Group. The Council on Foreign Relations, 2002. Contributions by Amy Jaffe

"US policy towards the Caspian Region: can the wish-list be realized?" The Evolving Security Setting in the Caspian Sea Basin, Eds. Adam Daniel Rotfield and Gennady Chufrin, Oxford University Press, 2001.

"The Case of the Caspian Basin." Beyond Transition: Ten Years after the Fall of the Berlin Wall, UNDP with CESTRAD and the Institute of Social Studies, Edited by Max Spoor, Bratislava, 2001.

"Energy as a Binding Factor: Asia Revisited." *Post-Soviet Geography and Economics*, Vol. 42, October-November 2001.

"Russia, Energy and the West" with Robert Manning. *IISS Survival*, Summer 2001, Vol. 42 No. 2.

"Asia's Thirst for Fuel: Cooperation and Energy Politics." *Harvard International Journal*, Vol. 23, No 2, Summer 2001.

“Price vs. Market share for the Arab Gulf Producers: Do Caspian Oil Reserves Tilt the Balance?” Caspian Energy Resources: Implications for the Arab Gulf. Emirates Center for Strategic Studies and Research, 2000.

“The Geopolitics of Caspian Energy” with Martha Brill Olcott. The Euro-Asian World: A Period of Transition, Eds. Yelena Kaluzhnova and Dov Lynch, MacMillan Press, London, 2000.

“The Shocks of a World of Cheap Oil” with Robert Manning. *Foreign Affairs*, Jan/Feb. 2000, Vol. 79 No. 1.

“A Note on Saudi Price Discrimination” with Ronald Soligo. *Energy Journal*, Vol. 21 No. 1, Jan. 2000.

“The Myth of the Caspian Great Game: The Real Geopolitics of Energy” with Robert A. Manning. *IJSS Survival*, Winter 1998-99, Vol. 40 No. 4.

Other Select Publications

CFR.org blog: *Energy Realpolitik* at <https://www.cfr.org/blog/energy-realpolitik>

“The Feasibility of Renewable Natural Gas as a Large Scale, Low Carbon Substitute” Amy Myers Jaffe, Rosa Dominguez-Faus, Nathan Parker, Daniel Scheitrum, Justin Wilcock, Marshall Miller, Report to the California Air Resources Board, September 2016

“Exploring the Role of Natural Gas in U.S. Trucking,” Amy Myers Jaffe, Yue Yue Fan, Allen Lee, Nathan C. Parker, Rosa Dominguez-Faus, Daniel Scheitrum, Working Paper, ITS Davis, 2015

“Nuclear Energy in the Middle East: Chimera or Solution?” Jim Crane, Amy Myers Jaffe and Jareer Ellass, Bulletin of Atomic Scientists, January 2016

“Regional Turmoil and Realignment: Middle East Conflicts and the New Geopolitics of Oil,” Amy Myers Jaffe, Jareer Ellass, 2015 Global Energy Forum, Wilson Center for Scholars, Autumn 2015

“Oil Demand, Supply, and Medium-Term Price Prospects: A Wavelets-Based Analysis” with Mahmoud El-Gamal, Amy M. Jaffe, November 1, 2013, at <http://trid.trb.org/view.aspx?id=1262947>

“How the Shale Revolution Will Transform U.S. Policy” Chapter in “Asia’s LNG Uncertain Future,” The National Bureau of Asian Research, November, 2013.

“The Gulf Cooperation Council Natural Gas Conundrum: Geopolitics Drive Shortages Amid Plenty” with Jareer Ellass, The Geopolitics Energy Projects. Harvard- Belfer Center for Science and International Affairs. October 23, 2013

“The Geopolitics of Natural Gas” with Meghan L. O’Sullivan. The Geopolitics Energy Projects. Harvard- Belfer Center for Science and International Affairs. July, 2012

Select Op-Eds

“Protecting Energy Groups from Climate Lawsuits is a Bad Idea,” *Financial Times*, September 6, 2018

“Can Climate Activists and the Energy Industry Compromise?” *Houston Chronicle*, August 29, 2018 at <https://www.houstonchronicle.com/local/gray-matters/article/climate-change-energy-industry-politics-anger-13191550.php>

“Rolling Back Energy Regulations Will Not Work Any Wonders for America,” *The Hill*, August 28, 2018 at <https://thehill.com/opinion/energy-environment/404001-rolling-back-energy-regulations-will-not-work-any-wonders-for>

“Lower EPA Fuel Efficiency Standards Threaten U.S. Energy Dominance,” *Axios Expert Voices*, April 1, 2018

“Green Giant: Renewable Energy and Chinese Power,” *Foreign Affairs*, March/April 2018 at <https://www.foreignaffairs.com/articles/china/2018-02-13/green-giant>

“What the Saudi Aramco Sale Says about the State of the Oil Industry,” *Houston Chronicle*, March 6, 2017 at <https://www.houstonchronicle.com/local/gray-matters/article/How-to-value-oil-in-today-s-global-market-10979865>

“What the Saudi Shake-up Means for Oil Prices,” *Axios Expert Voice*, November 27

“How Mini-Grids Can Power Disaster Recovery,” Amy Myers Jaffe, Lindsay Iversen, and Morgan D. Bazilian, *Foreign Affairs*, November 9, 2017

“If Peak Oil Arrives, Investors Will Need to Get Smarter,” *Financial Times*, August 18, 2016 at <https://www.ft.com/content/060eab0a-62f5-11e6-8310-ecf0bddad227>

“A Price on Carbon May Be Coming Soon to the US,” *Wall Street Journal*, September 13, 2016

“Investors Will Need To Be Nimbler If Peak Oil Demand Is Reached,” *Financial Times*, August, 18, 2016

“Why The World’s Appetite for Oil Will Peak Soon,” *Wall Street Journal*, May 5, 2015

“What Happens When Demand for Oil Peaks?,” World Economic Forum, April 13, 2016

“What to Consider Before Tapping the Strategic Petroleum Reserve,” *Wall Street Journal* September 18, 2015

“The U.S. Needs a Plan to Deal with Mideast Oil-Sharing Conflicts,” *Wall Street Journal*, October 3, 2014

“How Investors are Evaluating Oil and Gas Companies,” *Wall Street Journal*, May 20, 2014

“Liquefied Natural Profits: The United States and the Remaking of the Global Energy Economy” with Edward Morse, *Foreign Affairs*. September 16, 2013.

“The End of OPEC.” With Edward Morse. October 16, 2013. *Foreign Policy*, at http://www.foreignpolicy.com/articles/2013/10/16/the_end_of_opec_america_energy_oil

"The Clean Tech Path Needs a Revamp," March 27, 2013, *Wall Street Journal* The Experts, at http://stream.wsj.com/story/experts-energy/SS-2-135538/SS-2-198376/?mod=wsj_streaming_experts-energy

"Debate on Fracking" *The Economist*, February 2013, at <http://www.economist.com/debate/overview/246>.

"Why China Should Start Worrying about the Mideast's Oil Weapon" September 26, 2013, *Wall Street Journal*, The Experts at <http://blogs.wsj.com/experts/tag/amy-myers-jaffe/>

"Fracking" Is a Loaded and Misunderstood Term" November 14, 2013, *Wall Street Journal*, The Experts at <http://blogs.wsj.com/experts/tag/amy-myers-jaffe/>

"How Americans Live is the Global Model." September 24, 2013, *Wall Street Journal*, The Experts at <http://blogs.wsj.com/experts/tag/amy-myers-jaffe/>

"The Truth about Shale Gas" July 18, 2013, *Wall Street Journal*, The Experts at <http://blogs.wsj.com/experts/tag/amy-myers-jaffe/>

"An Oil Boom Means Washington –not Riyadh- Could Become World's Swing Oil Producer" March 25, 2013 *The Wall Street Journal*, The Experts, at <http://stream.wsj.com/story/experts-journal-reports/SS-2-135503/SS-2-196847/>

"The Oil Weapon will Lose Potency" March 26, 2013, *Wall Street Journal*, The Experts, at http://stream.wsj.com/story/experts-energy/SS-2-135538/SS-2-197216/?mod=wsj_streaming_experts-energy

"A Reality Check on Renewables" *New York Times* Room for Debate Blog, November 6, 2011.

"It's Not a Matter of Supply," *New York Times* Room for Debate Blog, March 9, 2011.

"Shale Gas will Rock the World," in *Wall Street Journal*. May 10, 2010.

"Point Person: Our Q&A with energy expert Amy Jaffe," in *Dallas Morning News*. May 7, 2010.

Opposition in the debate "This house believes tackling climate change means leaving fossil fuels behind completely and quickly." *The Economist*, September 2009.

"Who Is In the Oil Futures Market and How Has it Changed?," (by Kenneth B. Medlock III). Report. James A. Baker III Institute for Public Policy, August 26, 2009.

"Subpriming the Pump," with Mahmoud A. El Gamal, in *Foreign Policy*. August 2009.

"Higher gas tax could help solve U.S. economic woes." *Houston Chronicle*. January 18, 2009.

"Chavez the Pragmatist: Forget About It" *ForeignPolicy.com*, January 19, 2009

(Contributions by Amy Jaffe). "How to Kick Our Oil Addiction despite Plunging Oil Prices." *Wall Street Journal*. November 17, 2008: R1.

"Saudi's can't save us." *Houston Chronicle*. July 13, 2008: E1, E4.

"Real Urgency About Energy: We Won't Get There By Tinkering." *Houston Chronicle*. February 24, 2008: E1, E4.

Smalley, Richard (Contributions by Amy Jaffe). "Imagine a world that's energy-rich." *Houston Chronicle*. February 24, 2008: E5.

"Surge in Alternative Energy Development - Houston Energy Capital Status Grows Amid New Opportunities," with Ferras Vinh. Energy Capital Houston. Greater Houston Partnership, January 2008: 60-62.

"21 Solutions to Save the World: Flip the Switch," *Foreign Policy*. May/June 2007: 44.

"Fuel for Thought: What you need to know about the global energy crisis," with Kenneth B. Medlock III. *Journey*. AAA. November/December 2007: 22-26.

"The Cowardly Giants." *Newsweek*. November 26, 2007.

"You, Your Car, and U.S. Energy Policy," with Kenneth B. Medlock III. *Car & Travel*. AAA. November 2007: 20-22.

"You, Your Car, and U.S. Energy Policy," with Kenneth B. Medlock III. *AAA World*. November/December 2007: 63-67.

"You, Your Car, and U.S. Energy Policy," with Kenneth B. Medlock III. *AAA Going Places*: 6-7.

"Join the Energy Debate," with Kenneth B. Medlock III. *AAA Southern Traveler*. November/December 2007: 12-15.

"New Energy in the Energy Capital: Alternative Energy Initiatives are Alive and Well," with Rikk Alessi. Energy Capital Houston. Greater Houston Partnership, January 2007: 14-15.

"The Coastal Cities Phenomenon." *Esquire*. October 2006: 187.

"Security at risk without changes." Fuels of the future: Nation has to adapt to keep its motors running. *Indianapolis Star*. August 27, 2006.

"The Oil Crisis: How Doomed Are We?" *Esquire*. August 2006: 50.

"Solar Sister." *Elle Magazine*. May 2006: 223.

"No Easy Way Out - Are we really addicted to oil?" with Joe Barnes and Ronald Soligo. *Houston Chronicle*. February 4, 2006.

"Seven Ways to Fix the Oil Crisis." *Esquire*. December 2005: 217

"Blinded by the Profits: Record oil earnings obscure the fact that the best way to fight high prices is to reduce dependence" *New York Newsday*, November 13, 2005, A42

“Houston Challenge. Needed: A plan to keep title of energy capital,” with Richard Smalley and Wade Adams. *Houston Chronicle*. December 5, 2004: E1, E4.

“Wasted Energy” *New York Times*, July 27, 2005

“Unfinished business: 1973 Arab oil boycott,” with Edward L. Morse. *Houston Chronicle*. October 17, 2003.

“Who will lead the nation out of darkness? Texas can,” with Roger Anderson, Ron Oligney, and Richard Smalley. *Houston Chronicle*. August 19, 2003: 19A.

“Food for Thought... Pun Intended.” James A. Baker III Institute for Public Policy. October 28, 2008.

“Regional Politics in the Persian Gulf: A View Related to Oil Markets” James A. Baker III Institute for Public Policy, Tuesday, December 12, 2006

“Dream of Oil Drives Diplomacy” with Robert Manning, *Los Angeles Times*, November 1, 1998

Congressional Testimonies

“Opportunities and Challenges of the U.S. Crude Oil Export Ban” Committee on Energy and Natural Resources, U.S. Senate, January 30, 2014

“U.S. Energy Abundance: Exports and the Changing Global Energy Landscape.” Testimony to the Committee on Energy and Commerce. U.S. House of Representatives. Subcommittee on Energy and Power. May 7, 2013

“The U.S. Energy Predicament” Aspen Institute Congressional Program on Climate and Energy Policy, Valencia, Spain, April 2009

“The Future of Oil.” Testimony to the Select Committee on Energy Independence and Global Warming. U.S. House of Representatives. June 11, 2008

“Is China a Responsible Stakeholder?” Testimony with Matthew E. Chen before the U.S.-China Economic and Security Review Commission. Hearing on China’s Role in the World: Is China a Responsible Stakeholder? August 4, 2006

“Russia: Back to the Future?” Testimony before the U.S. Senate Committee on Foreign Relations. June 29, 2006

“The Strategic and Geopolitical Implications of Russian Energy Supply.” Aspen Institute Congressional Program. Moscow, Russia, August 2003

“China’s Growing Energy Needs.” The Sino-Saudi Energy Rapprochement: Implications for US National Security. The Garcia Group. Prepared for the Office of Secretary of Defense, U.S. Department of Defense. January 8, 2002

Teaching

UC Davis GSM Management 290 (Summer). Sustainable Business Ventures

Yale School of Forestry and Environment, F & ES778b. Business and Energy Markets, Prices and Sustainability (2015)

Yale School of Forestry and Environment, F & ES748b. Emerging Issues in US Energy Policy (2015)

UC Davis GSM Management 413. Sustainable Venturing

UC Davis GSM Management 413 -001. Sustainable Business Ventures: Energy 2, Markets and Prices

Rice University Policy Studies, Post 401 Energy Policy

Rice University Policy Studies, Post 411, Integrated Solutions to Sustainable Development