

JAMES W. COLEMAN

Southern Methodist University, Dedman School of Law, 3315 Daniel Avenue, Dallas, TX 75205
jwcoleman@smu.edu • @EnergyLawProf • www.EnergyLawProf.com • Mobile: 703.375.9726

ACADEMIC APPOINTMENTS

Southern Methodist University, Dedman School of Law, Dallas, Texas (2016–Present)

Robert G. Storey Distinguished Faculty Fellow and Professor of Law (2021–2022)

Associate Professor with tenure (2018–2021), Assistant Professor (2016–2018)

Courses: Oil & Gas, Energy & Natural Resources Law, International Petroleum Transactions, International Energy Development, Natural Gas in the North American and Global Energy System, Energy Trade & Transport Law

American Enterprise Institute (2021–Present)

Visiting Scholar

University of Calgary, Calgary, Alberta (2013–2016)

Assistant Professor, Faculty of Law and the Haskayne School of Business

Assistant Director, Energy Management Program at the Haskayne School of Business

Courses: Business Associations, Eminent Speakers Course in Energy Law, Energy Management and Regulation, International Energy Development, Regulatory Theory

Harvard Law School, Cambridge, Massachusetts (2011–2013)

Climenko Fellow and Lecturer on Law

EDUCATION

Harvard Law School, Cambridge, MA

J.D. *cum laude*, 2007

Journal: *Harvard Journal of Law and Public Policy*, Executive Editor

Award: Chayes International Public Service Fellowship

Harvard College, Cambridge, MA

B.A. *magna cum laude* in biology with highest honors in field, 2001

PUBLICATIONS

Managing Metals Derivatives Markets Capriciousness and the Energy Transition, conditionally accepted for publication in the AMERICAN BUSINESS LAW JOURNAL (with Colleen Baker) (forthcoming)

Permitting the Energy Transition, 75 CASE WESTERN L. REV. _ (forthcoming)

Metals Derivatives Markets and the Energy Transition, 25 TENNESSEE J. OF BUSINESS LAW _ (with Colleen Baker) (forthcoming)

The Low Carbon Transition in North America, in HANDBOOK OF ENERGY LAW IN THE LOW-CARBON TRANSITION (Sara Bronin, Leigh Hancher, & Tracy-Lynn Field eds., 2023)

CASES AND MATERIALS ON OIL AND GAS LAW (8th Ed. 2022) (with John S. Lowe, Owen L. Anderson, Ernest E. Smith, David E. Pierce, Christopher S. Kulander, Monika U. Ehrman, and Burke Griggs)

North American Energy in the Crossfire, 55 CORNELL INTERNATIONAL LAW JOURNAL 215 (2022) (with Guillermo J. Garcia Sanchez)

Overcoming Local Roadblocks to Energy Transport and a Cleaner New Energy System, American Enterprise Institute, White Paper (2022)

- Featured in: American Enterprise Institute event, <https://www.aei.org/events/stopping-clean-power-local-roadblocks-and-energy-permitting/>

Rebuilding the Texas Railroad Commission, OIL, GAS & ENERGY LAW JOURNAL (2022) (peer reviewed).

Paying for Energy Peaks: Learning from Texas' February 2021 Power Crisis, 24 TENNESSEE J. OF BUSINESS LAW 463 (2022) (with Colleen Baker)

Phylogeny of the Poritiinae (Lepidoptera: Lycaenidae), Butterflies With Ant Associations and Unusual Lichenivorous Diets, 2023 SYSTEMATIC ENTOMOLOGY 1 (2022) (with John H. Boyle, Marianne Espeland, Szabolcs Sáfián, Robert Ducarme, Alan J. Gardiner, Alan Heath, Stewart Fisher, Steve C. Collins, Dino J. Martins, Kwaku Aduse-Poku, Michel Libert, Even Dankowicz, Akito Y. Kawahara, David J. Lohman, Naomi E. Pierce).

Deep in the Heart of North America: Texas and the Future of North American Energy Trade, SMU Mission Foods Texas-Mexico Center Report (2021) (with Guillermo J. Garcia Sanchez)

State Energy Cartels, 42 CARDOZO LAW REVIEW 2233 (2021).

- Chosen as: One of the year's best articles in environmental law by the Environmental Law and Policy Annual Review (a joint effort of the Environmental Law Institute and Vanderbilt Law School): <https://bit.ly/ELPARlist>
- Chosen as: One of ten nominees for year's best academic article on Concerted Practices by the Concurrences international antitrust and competition law journal (peer reviewed)

The Jurisdictional Anticommons in GETTING TO YES ON LINEAR INFRASTRUCTURE PROJECTS, MACDONALD-LAURIER INSTITUTE (2021).

- Recommended by: Larry Solum's Legal Theory Blog, <https://bit.ly/AnticommonsRec>

Matching Commitments: A New Approach to Regulation of the Commons in THE LAW AND ECONOMICS OF REGULATION (Klaus Mathis ed., 2021).

The New Oil & Gas Governance (with Tara Righetti & Hannah Wiseman), 130 YALE LAW JOURNAL FORUM 51 (2020).

The Third Age of Oil and Gas Law, 95 INDIANA LAW JOURNAL 389 (2020).

Reforming the Jones Act for American Energy Consumers in THE CASE AGAINST THE JONES ACT (Colin Grabow & Inu Manak eds., 2020).

Energy and Eminent Domain (with Alexandra B. Klass), 104 MINNESOTA LAW REVIEW 659 (2019).

- Featured in: Richard J. Pierce, *Why Energy Companies Must Use Eminent Domain*, JOTWELL (July 5, 2019) (“a must read for anyone interested in administrative law, government regulation, constitutional law, property law, energy law, environmental law, or climate change”)

Pipelines & Power-lines: Building the Energy Transport Future, 79 OHIO STATE LAW JOURNAL 263 (2019).

- Featured as: A premier article for comment at Center for Study of Administrative State conference on Permits, Licenses, and the Administrative State. Video available: <https://bit.ly/PipelinePowerlinePanel>
- Featured in: September 2022 Institute for Progress Report on best approaches to permitting reform: How to Stop Environmental Review from Harming the Environment, Institute for Progress, <https://progress.institute/environmental-review/>

Energy Competition: From Commodity to Boutique & Back, in COMPETITION LAW AND ECONOMICS (Klaus Mathis ed., 2019).

Country-level Life Cycle Assessment of Liquefied Natural Gas Trade for Electricity Generation (with Sarah Jordaan, Adebola Kasumu, Jeanne Liendo, and Vivian Li), 53 ENVIRONMENTAL SCIENCE & TECHNOLOGY 1735 (2018) (peer reviewed).

Beyond the Pipeline Wars: Reforming Environmental Assessment of Energy Transport Infrastructure, 2018 UTAH LAW REVIEW 119 (2018).

- Co-authored two short follow-up pieces for the C.D. Howe Institute with Kristen van de Biezenbos on President Biden’s ability to stop construction of Keystone XL & Michigan’s ability to shut down Enbridge Line 5: *Yes He Can: Joe Biden’s Power to Stop Pipelines*, https://www.cdhowe.org/sites/default/files/IM-Biez-Cole_2020-1208.pdf, Dec. 8, 2020; *A 40-Year-Old Treaty Could Save Line 5*, https://www.cdhowe.org/sites/default/files/IM-Biezenbos-Coleman%20_2021-0217.pdf, Feb. 17, 2021

Energy Market and Policy Revolutions: Regulatory Process and the Cost of Capital, in ENERGY LAW AND ECONOMICS (Klaus Mathis ed., 2018).

Policymaking by Proposal: How Agencies Are Using Proposed Rules to Transform Industry Long Before Final Rules Are Tested in Court, 24 GEORGE MASON LAW REVIEW 497 (2017).

Repeal the Jones Act for American Energy, REGULATORY TRANSPARENCY PROJECT, White Paper (2017).

How Cheap is Corporate Talk? Comparing Companies’ Comments on Regulations With Their Securities Disclosures, 40 HARVARD ENVIRONMENTAL LAW REVIEW 47 (2016).

- Chosen as: One of the year’s four best articles in environmental law by the Environmental Law and Policy Annual Review (a joint effort of the Environmental Law Institute and

Vanderbilt Law School) and republished with scholarly commentary at 47 ENVIRONMENTAL LAW & POLICY ANNUAL REV. 10,681 (2017). Video available: <https://bit.ly/ELI2017video>

- **Featured in:** Columbia Blue Sky Blog, *Two Audiences, Two Stories* (April 21, 2015); Steve Gold, *The Real World*, JOTWELL (August 18, 2017); Robert Rosen, *Talking Out of Both Sides of Your Mouth*, JOTWELL (May 18, 2018)

Clearing the Air: How Canadian Liquefied Natural Gas Exports Could Help the World Meet Its Climate Goals (with Sarah Jordaan), C.D. HOWE INSTITUTE, Issue Brief (2016).

International Environmental Law: A Guide for Judges (with Roger Martella), FEDERAL JUDICIAL CENTER (2015).

Book Review, RESEARCH HANDBOOK ON INTERNATIONAL ENERGY LAW, Kim Talus, ed. (2014), 33 INTERNATIONAL ENERGY LAW REVIEW 220 (2015).

Calibrating Liquefied Natural Gas Export Life Cycle Analysis: Accounting for Legal Boundaries & Post-Export Markets (with Sarah Jordaan, Adebola Kasumu, Jeanne Liendo, and Vivian Li), CANADIAN INSTITUTE OF RESOURCES LAW, Occasional Paper No. 49 (2015) (peer reviewed).

Importing Energy, Exporting Regulation, 83 FORDHAM LAW REVIEW 1357 (2014).

Unilateral Climate Regulation, 38 HARVARD ENVIRONMENTAL LAW REVIEW 87 (2014).

An Empirical Analysis of Wealth Disparities in WTO Disputes: Do Poorer Countries Suffer From Strategic Delay During Dispute Litigation? (with Geoff Antell), 29 BOSTON UNIVERSITY INTERNATIONAL LAW JOURNAL 267 (2011).

Ratifying Kyoto via Local Actors: Accomplishments and Limitations of Local Cap and Trade Programs (with Roger Martella), 40 ENVIRONMENTAL LAW AND POLICY ANNUAL REVIEW 10,780 (2010).

Comment, *The Slow, Just, Unfinished Demise of the Buckley Compromise: Randall v. Sorrell*, 126 S. Ct. 2479 (2006), 30 HARVARD JOURNAL OF LAW & PUBLIC POLICY 427 (2006).

Phylogeny of Agrodiaetus Hübner 1822 (Lepidoptera: Lycaenidae) Inferred from mtDNA Sequences of COI and COII and Nuclear Sequences of EF1-alpha: Karyotype Diversification and Species Radiation (with Nikolai Kandul, Vladimir Lukhtanov, Alexander Dantchenko, Cagan Sekercioglu, David Haig, & Naomi Pierce), 53 SYSTEMATIC BIOLOGY 278 (2004) (peer reviewed).

WORKING PAPERS

Carbon Matching Commitments

RESEARCH GRANTS & AWARDS

Alliance for Market Solutions

Supports student researcher and two international workshops to research the use of carbon matching commitments to address two key climate policy challenges: 1) how to harness national climate regulation to encourage international action and 2) how to ensure that nations can take a leadership role in addressing emissions without harming their own industry's competitiveness or damaging international trade. Will result in law review article and a policy brief.

SMU Mission Foods Texas-Mexico Center

Supports student researcher and two international workshops to set an agenda for legal reform to realize the full potential of Texas-Mexico energy trade. It will propose legal reforms in Texas, the United States, and Mexico that will enable mutually-beneficial trade. And it will lay out the structure of possible new energy agreements that could be adopted by Texas, Mexico, or the North American Free Trade Agreement partners to reap the full benefit of cross-border energy trade. Will result in law review article and a policy brief.

Stikeman Elliott LLP Corporate Law Research Fellowship (Completed)

Supported student researcher to assist in empirical analysis of how corporations describe the impact of proposed regulations in their submissions to regulators and shareholders, and how they tailor their predictions to the different audiences. Resulted in publications in HARVARD ENVIRONMENTAL LAW REVIEW and ENVIRONMENTAL LAW & POLICY ANNUAL REVIEW.

Vice-President Matching Funds to Advance Energy Research (Completed)

Part of the University of Calgary's interdisciplinary Hydraulic Fracturing Innovation Initiative. Supported post-doctoral fellow to assist in life cycle analysis of natural gas production and export, which accounts for all greenhouse gases that are emitted and avoided as a result of natural gas production and use. To aid regulators, the life cycle analysis is calibrated for alternate theories of regulatory jurisdiction and for the different types of power production (e.g. coal, oil, nuclear) that natural gas may displace. Resulted in publications in ENVIRONMENTAL SCIENCE & TECHNOLOGY, C.D. HOWE INSTITUTE, and CANADIAN INSTITUTE OF RESOURCES LAW.

PRESENTATIONS

The Jones Act and Our Energy Future, American Enterprise Institute and Cornell Energy Club, Cornell University, Ithaca, New York (February 2024)

The Role of Markets in an Era of Climate Change and Grid Reliability Challenges, 25th Annual Federalist Society Faculty Conference, Washington, DC (January 2024)

Fundamentals of the Oil and Gas Lease, Foundation for Natural Resources and Energy Law, 40th Annual Oil & Gas Law Short Course, Westminster, Colorado (October 2023)

A New Strategic Energy Reserve, American Association of Professional Landmen, Southwest Land Institute, Arlington, Texas (August 2023)

A New Strategic Energy Reserve, Foundation for Natural Resources and Energy Law, Natural Resources Law Teachers Workshop, Salt Lake City, Utah (July 2023)

Keynote, *How American Oil and Gas Can Secure the Energy Future*, American Association of Professional Landmen, 69th Annual Meeting (June 2023)

Keynote, *Building Our Energy Future*, SunCorridor Annual Luncheon, Tucson, Arizona (June 2023)

Building A Strategic Energy Reserve, Association of International Energy Negotiators, International Energy Scholars Workshop, Miami, Florida (June 2023)

New Challenges to Flaring and Venting of Gas in Upstream Operations, Foundation for Natural Resources and Energy Law, Special Institute on the Law of Permian Basin Oil & Gas Development and Operations (May 2023)

American Gas & Global Energy Security, Foundation for Natural Resources and Energy Law, International Energy, Resources, and International Law Workshop, Mexico City, Mexico (April 2023)

Keynote, *Energy Transitions & Energy Infrastructure*, Banff Pipeline Workshop, Banff, Alberta (April 2023)

The Rule of Capture and Principles of Conservation, 46th Annual Ernest E. Smith Oil, Gas and Mineral Law Institute, University of Texas School of Law, Houston, Texas (April 2023)

America's 21st Century Energy Policy, Nixon Energy Conference, Richard Nixon Foundation, Yorba Linda, California (April 2023)

North American Energy and the New Energy Grid, Texas A&M School of Law 14th Annual Energy Law Symposium, Fort Worth, Texas (March 2023)

Energy Policy: Challenges at Home and Abroad, American Enterprise Institute World Forum, Sea Island, Georgia (March 2023)

Sustainable Energy: Obstacles and Opportunities, Annual Environment Forum: Science and Public Choice, Florida International University, Miami, Florida (March 2023)

Up Close on Energy Regulation & Policy, Maguire Energy Center Energy Outlook 2023: Stewarding a Sensible Energy Future, George W. Bush Presidential Center, Dallas, Texas (February 2023)

Energy Transitions, Energy Infrastructure, Energy Federalism, Florida State University, Federalist Society, Tallahassee, Florida (February 2023)

Utility Rate Modeling, Explainer Podcast Episode, Regulatory Transparency Project Podcast (February 2023)

How Much Electricity Storage Do We Have?, Energy Week Podcast (February 2023)

Building a Strategic Energy Reserve to Secure the Future Energy System, Dallas Bar Association, Dallas, Texas (January 2023)

Stopping Clean Power: Local Roadblocks and Energy Permitting, American Enterprise Institute, Washington, D.C. (January 2023)

Energy Security After Ukraine: Challenges and Opportunities for the U.S. and its Allies, Webinar, Regulatory Transparency Project (October 2022)

The Future of National Environmental Policy Act Reform, Webinar, Regulatory Transparency Project (October 2022)

North American Energy in the Crossfire, American Society of International Law Conference on Energy, Sustainability and the Future of International Economic Law, Texas A&M School of Law, Fort Worth, Texas (October 2022)

The Strategic Energy Reserve & The New Energy Economy, University of Calgary Faculty of Law, Calgary, Alberta, Canada (September 2022)

Regional Differences: Energy Transition - Challenges and Opportunities for the Pipeline Sector, Executive Leadership Panel, International Pipeline Conference, Calgary, Alberta, Canada (September 2022)

Creating a Strategic Energy Reserve for the New Energy Economy, University of Nebraska, Nebraska Governance & Technology Center, Lincoln, Nebraska (September 2022)

Strategic Energy Reserves, Nebraska Governance & Technology Center, Tech Refactored Podcast (September 2022)

Inflation Reduction Act - The Future of Energy Production in the United States, Foundation for Natural Resources and Energy Law (virtual presentation) (September 2022)

The Texas Grid and The Future of the Global Energy System, American Association of Professional Landmen, Southwest Land Institute, Arlington, Texas (August 2022)

High Energy Prices, Public Policy & Possible Solutions, Explainer Podcast Episode, Regulatory Transparency Project Podcast (August 2022)

Moderator, *West Virginia v. EPA and the Major Questions Doctrine*, Federalist Society Webinar (August 2022)

American Oil & Gas and the Drive for Global Energy Security, Dallas Bar Association, 37th Annual Review of Energy Law, Dallas, Texas (August 2022)

The Free Trade Statute, Rocky Mountain Mineral Law Foundation Annual Institute, Natural Resources Law Teachers Workshop, Vail, Colorado (July 2022)

Dispelling Myths About Gas Prices: Lessons from Across the Oil Supply Chain, Heritage Events Podcast (July 2022)

Roundtable, *Power Shift: Regulating the Evolving Electricity Sector*, Duke University, Washington, D.C. (May 2022)

American Oil & Gas and The Drive for Global Energy Security, Dentons North America Energy Policy Tour, Washington, D.C. (May 2022)

Energy Transition: Decarbonization, Short-Term Outlook, and Business Opportunities, University of Calgary Faculty of Law, Calgary, Alberta, Canada (March 2022)

American Oil & Gas and The Drive for Global Energy Security, Interstate Natural Gas Association of America Spring Meeting, San Antonio, Texas (March 2022)

Energy Insecurity, American Enterprise Institute Banter Podcast (April 2022)

Deep in the Heart of North America: Texas and the Future of North American Energy Trade, SMU Mission Foods Texas-Mexico Center (April 2022)

American Oil & Gas and The Drive for Global Energy Security, Pipeline Opportunities Conference, Houston, Texas (March 2022)

Climate Change Returns to the Supreme Court: The Issues and Stakes in *West Virginia v. Environmental Protection Agency*, Case Western Reserve University School of Law, Cleveland, Ohio (virtual presentation) (March 2022)

Global Markets in Crisis: International Business Issues in The Energy Sector, Rowling Center for Business and Law Leadership, Southern Methodist University, Dallas, Texas (February 2022)

Moderator, *An Update on the Clean Power Plan Litigation*, Webinar, Regulatory Transparency Project (December 2021)

Texas: The Heart of Global Energy Markets in Crisis, Dallas Bar Association, Dallas, Texas (December 2021)

Carbon Matching Commitments: A New Approach to Climate Regulation, University of Michigan Federalist Society, Ann Arbor, Michigan (October 2021)

Winter Storm Uri and the Future of Texas Electricity Reliability, Houston Law Review, Podcast Episode (September 2021)

Balance, Inconsistency Seen in Biden's Approach to Oil, Gas, S&P Global Platts, Podcast (August 2021)

Moderator, *Federalism or a Federal Standard? Fuel Economy and Greenhouse Gas Emissions Standards*, Webinar and Podcast, Regulatory Transparency Project (June 2021)

North America Energy Overview and the Challenges Ahead, SMU Mission Foods Texas-Mexico Center, Dallas, Texas (May 2021)

What Do People Mean When They Talk About Oil & Gas Subsidies & Will They Be Changed?, Energy Week Podcast (April 2021)

A Texas-Sized Blackout: What Went Wrong & How to Fix It, National Association of Royalty Owners, Dallas, Texas (April 2021)

Policy Issues and General Trends in Integrated Resource Planning Including Enhancing Justice and Equity, Minnesota State Bar Association, Minneapolis, Minnesota (virtual presentation) (April 2021)

The American Energy Revolution: New Administration, New Challenges, Pipeline Opportunities Conference, Houston, Texas (virtual presentation) (March 2021)

The Rule of Capture and Principles of Conservation, 46th Annual Ernest E. Smith Oil, Gas and Mineral Law Institute, University of Texas School of Law, Austin, Texas (virtual presentation) (March 2021)

Energy Transport & Transformation and the Sovereign Anticommons, Tsai Center for Law, Science, and Innovation, SMU Dedman School of Law Flash Class, Dallas, Texas (virtual presentation) (March 2021)

The Future of Enbridge Line 5, the Pipeline Transit Treaty, and U.S.-Canada Energy Trade, Roundtable, C.D. Howe Institute, Toronto, Ontario (virtual presentation) (March 2021)

Pipelines, the Environment, and Eminent Domain, Florida Coastal School of Law, Federalist Society (virtual presentation) (March 2021)

The Biden Agenda for Oil & Gas: Ambitions and Limitations, Wyoming Chapter of the Federalist Society, (virtual presentation) (March 2021)

A Texas-Sized Blackout: What Went Wrong and How to Fix It, SMU Dedman School of Law, Federalist Society, Flash Class, Dallas, Texas (virtual presentation) (March 2021)

The American Energy Revolution and the New Administration, Boston College Law School, Federalist Society (virtual presentation) (March 2021)

A Texas-Sized Blackout: What Went Wrong and How to Fix It, SMU Dedman School of Law Flash Class, Dallas, Texas (virtual presentation) (March 2021)

The New Administration's Agenda for Oil & Gas: Ambitions and Limitations, Association of Energy Service Companies, Annual Meeting (virtual presentation) (March 2021)

Federal Land Leasing and Energy Policy, Penn State Law, University Park, Pennsylvania, Federalist Society and Environmental Law Society, (virtual presentation) (March 2021)

Why Did Texas Lose Power?, Explainer Podcast Episode, Regulatory Transparency Project Podcast, (February 2021)

Keystone XL, the Biden Administration, & Production Controls, Energy Week Podcast (January 2021)

Keystone XL Update: The Pipeline Wars Continue, Canadian Institute of Resources Law, Saturday Mornings at the Law School Speaker Series, University of Calgary Faculty of Law, Calgary, Alberta, Saturday Morning (virtual presentation) (January 2021)

Keeping a Lease Alive When Oil & Gas Prices Are Low, State of Texas Bar Association, Conference on Oil & Gas Disputes (virtual presentation) (January 2021)

Environmental Matching Commitments, University of Maryland, Online Workshop for Environmental Scholarship (virtual presentation) (November 2020)

Keynote, *Energy Transport, Transformation, and Uncertainty*, North Texas Association of Energy Engineers (virtual conference) (October 2020)

Maximizing the Economic and Environmental Value of Oil & Gas, Austin Professional Landmen's Association (virtual presentation) (October 2020)

Flaring: A Different Plan for Addressing Oversupply, State of Texas Bar Association, Conference on Advanced Oil, Gas, & Energy Resources Law (virtual presentation) (September 2020)

It Can Be Done: The Future of Our Earth, The Federalist Society (virtual presentation) (September 2020)

Flaring: A Different Plan for Addressing Oversupply, Austin Bar Association (virtual presentation) (September 2020)

Dakota Access Shutdown and the Future of US Midstream Projects, Capitol Crude Podcast, S&P Global (July 2020)

The Future of the National Environmental Policy Act (with David Adelman), Deep Dive Podcast Episode, Regulatory Transparency Project Podcast, (March 2020)

New Challenges to New Energy Transport: The Jurisdictional Anticommons, Legal Reforms for Indigenous Economic Growth Network, Honolulu, Hawaii (March 2020)

The Pipeline Wars and the Election, Pipeline Opportunities Conference, Houston, Texas (March 2020)

Presidential Candidates' Proposals & Implications of a Fracking Ban in the US, Morgan Stanley Global Energy and Power Conference, New York, New York (March 2020)

New Challenges to New Energy Transport: The Sovereign Anticommons, Texas A&M School of Law 11th Annual Energy Law Symposium, Fort Worth, Texas (February 2020)

Flaring, State Energy Cartels & The Long Term Value of Oil & Gas, Dallas Bar Association, Dallas, Texas (February 2020)

Power Shift: Regulating the Evolving Electricity Sector, Harvard, Duke, University of North Carolina Power Shift Workshop, Washington, D.C. (February 2020)

Roundtable on Energy Regulation, Technology, and Transaction Costs, Northwestern University Center on Law, Business, and Economics, Chicago, Illinois (November 2019)

The Jurisdictional Anticommons, Legal Reforms for Indigenous Economic Growth Network & the University of Alberta, Calgary, Alberta (October 2019)

Energy, Eminent Domain, & New Challenges for Pipelines, Dallas Bar Association, Dallas, Texas (August 2019)

The Green New Deal (with Ann Carlson), Explainer Podcast Episode, Regulatory Transparency Project's Fourth Branch Podcast (August 2019)

History's Biggest Commodity Boom & The Third Age of Oil & Gas Law, Institute for Energy Law Webinar (July 2019)

Keynote, *Leasing for Outcomes: Benefiting From the Oil & Gas Boom*, National Governors Association Energy Policy Institute, St. Paul, Minnesota (July 2019)

State Energy Cartels & The Long-Term Value of Oil & Gas, Rocky Mountain Mineral Law Foundation Annual Institute, Natural Resources Law Teachers Workshop, Monterey, California (July 2019)

State Energy Cartels, Early Career Scholars Workshop, University of Colorado School of Law, Boulder, Colorado (June 2019)

Energy Transport and Transformation, Rocky Mountain Mineral Law Foundation, Natural Resources Law Teachers Institute, Missoula, Montana (May 2019)

The Third Age of Oil and Gas Law, Association of International Petroleum Negotiators, International Petroleum Summit Scholars Workshop, Houston, Texas (May 2019)

North American Energy Investment and Uncertainty, Dentons Energy Mexico Study Tour, Mexico City, Mexico (May 2019)

Pipelines and Permits: The Linear Infrastructure Challenge, North American Environment Energy and Natural Resources Conference, Houston, Texas (April 2019)

The Pipeline Wars and the Energy Transport Economy, Pipeline Opportunities Conference, Houston, Texas (April 2019)

Pipelines, Power-lines, & LNG: The Energy Transport Revolution, Duke Fuqua School of Business, EDGE Advisory Board, Houston, Texas (April 2019)

Theory in Context: Environmental Litigation and Pipelines, University of Calgary Faculty of Law, Calgary, Alberta (April 2019)

The Free Trade Statute, Climenko Fest, Harvard Law School, Cambridge, MA (March 2019)

Natural Resource Extraction and Sustainable Development in North America, NAFTA 2.0: The Puzzle of North America as a Region, Texas A&M School of Law, Fort Worth, Texas (March 2019)

Reform the Jones Act for American Energy Consumers, The Jones Act: Charting a New Course after a Century of Failure, Cato Institute, Washington, D.C. (December 2018)

Modernizing Public Oil & Gas Concessions, University of Calgary Faculty of Law, Calgary, Alberta (October 2018)

Powering Forward: Current Issues in the Permitting of Energy Infrastructure, Antonin Scalia Law School, George Mason University, Arlington, Virginia (October 2018)

Has the EPA been Trumped? EPA Regulation and the Trump Administration, Arizona State Law School of Law, Phoenix, Arizona (October 2018)

North American Energy Transport & Trade, 2018 Global Land & Resources Colloquium, Oklahoma University School of Law, Norman, Oklahoma (October 2018)

Energy & Eminent Domain, University of Maryland Francis King Carey School of Law (September 2018)

TransMountain Trouble: The TransMountain Pipeline Saga, Runnymede Society, Calgary Lawyers' Chapter, Calgary, Alberta (June 2018)

Energy Transport & Eminent Domain, Association of Law, Property, and Society 9th Annual Meeting, Maastricht University, Maastricht, Netherlands (June 2018)

The Energy Transport System: Pipelines & Power-lines, Sustainability Conference on American Legal Educators, Phoenix, Arizona (May 2018)

Customers & Rate-payers, Electricity Dialogue at Northwestern, Northwestern Pritzker School of Law, Chicago, Illinois (May 2018)

North American Energy Transport & Trade: The Impact of Climate Policy, North American Environment, Energy & Natural Resources Symposium, University of Houston Law Center, Houston, Texas (May 2018)

Fixing the National Environmental Policy Act, U.S. House of Representatives, House Committee on Natural Resources, Washington, DC (April 2018)

Energy Competition: From Commodity to Boutique and Back, Energy Law and Economics Conference, University of Lucerne, Lucerne, Switzerland (April 2018)

Power-lines & Pipelines: Building the Energy Transport Future, Center for the Study of the Administrative State, Research Roundtable on Environmental Law in the Administrative State, George Mason University School of Law, Arlington, Virginia (April 2018)

New Rules for New Energy Transport, Texas A&M School of Law, Fort Worth, Texas (February 2018)

Transforming U.S. Energy Markets: Energy Transport Challenges, Harvard Club of Dallas, Dallas, Texas (February 2018)

Time to Reform the Jones Act?, The Heritage Foundation, Washington, D.C. (February 2018)

Natural Gas: A Bridge or a Cliff?, Harvard, Duke, University of North Carolina Power Shift Workshop, Washington, D.C. (February 2018)

The Future of Energy Systems in North America, Transitions to the Future of Energy Management, University of Calgary Faculty of Law, Calgary, Alberta (November 2017)

Expanding the Lens: Other Emerging Risks to Energy Finance, Fixed Costs and Uncertain Futures in the Regulated Electricity Sector, University of South Carolina School of Law, Columbia, South Carolina (November 2017)

Pipelines and Power-lines: Building the New Energy Economy, Cornell Energy Institute, Cornell University, Ithaca, New York (October 2017)

Moderator, *The Future of Texas-Mexico Energy Integration*, Mission Foods Texas-Mexico Center, Southern Methodist University, Dallas, Texas (October 2017)

Investment & Risk in Energy Transport: Market & Policy Upheavals, John Goodwin Tower Center for Political Studies, Dedman College of Humanities and Sciences, Southern Methodist University, Dallas, Texas (September 2017)

Enabling the Energy Future: Investment & Risk in Energy Transport, University of Colorado, University of California—Santa Barbara, & Duke University Energy & Climate Workshop, University of Colorado School of Law, Boulder, Colorado (August 2017)

The Future of Energy Transport: Transitions and Uncertainty, 2017 Natural Resources Law Teachers Workshop, Santa Fe, New Mexico (July 2017)

Building Energy Transport for a Low Carbon Future: Investment and Uncertainty, Emerging Energy Scholars Workshop, University of Colorado School of Law, Boulder, Colorado (June 2017)

Energy Revolutions and Legal Flashpoints, Rocky Mountain Mineral Law Foundation Natural Resources Law Teachers Institute, Banff, Alberta (June 2017)

Energy Market and Policy Upheaval: Investment and Risk in Fuel and Power Transport, Austin Bar Association, Austin, Texas (May 2017)

Beyond the Pipeline Wars: Reforming Environmental Assessment of Energy Transport Infrastructure, International Energy Governance Conference, Vanderbilt Law School, Nashville, Tennessee (April 2017)

Enabling the Energy Future: Public Participation, Regulatory Process, and the Cost of Capital, Energy Law and Economics Conference, University of Lucerne, Lucerne, Switzerland (April 2017)

Featured Speaker, *Do Corporations Cry Wolf? Statements to Regulators and Investors*, Environmental Law and Policy Annual Review, Environmental Law Institute and Vanderbilt Law School, Washington, D.C. (March 2017)

Energy Market & Policy Revolutions: Investment & Uncertainty in Pipeline & Renewable Power Transport, Texas Environmental Law Journal Symposium, University of Texas at Austin School of Law, Austin, Texas (March 2017)

Energy Pipelines, the Trump Administration, & the Courts: New Policies & New Challenges, Dallas Bar Association, Dallas, Texas (March 2017)

Keynote Address, *North American Energy Federalism*, North American Environment, Energy & Natural Resources Symposium, University of Houston Law Center, Houston, Texas (February 2017)

Roundtable, *Harvard-Duke-University of North Carolina Workshop, Power Shift: Regulating the Evolving Electricity Sector*, Washington, D.C. (February 2017)

Enabling the Energy Future: Reconciling an Energy Transport Boom with Increased Scrutiny for Interstate Infrastructure, Regional Challenges and Opportunities in Energy Transformations Workshop, University of Texas, Austin, Texas (November 2016)

Is Alberta a Model for Other Energy Producing Jurisdictions? Oil and Gas Royalties and Climate Regulation, Dentons North America Energy Law Panel, University of Calgary Faculty of Law, Calgary, Alberta (October 2016)

Environmental Review of Energy Transport and Global Energy Markets, Center for the Study of the Administrative State, Public Policy Conference on Environmental Law in the Administrative State, George Mason University School of Law, Arlington, Virginia (September 2016)

The Energy Infrastructure Challenge: Parallel Movement in Canadian and United States Energy Federalism, Eminent Speakers in Energy Law Course, University of Calgary Faculty of Law, Calgary, Alberta (September 2016)

Environmental Review of Pipelines, Energy Transport, and Global Energy Markets, Texas Legal Scholars Workshop, Southern Methodist University Dedman School of Law, Dallas, Texas (August 2016)

Roundtable, *Duke-Harvard Workshop, Power Shift: Regulating the Evolving Electricity Sector*, Nashville, TN (July 2016)

Environmental Review of Energy Transport Projects & Global Energy Markets, University of Washington Junior Environmental Law Scholars Workshop, Seattle, Washington (June 2016)

Environmental Review of Pipelines, Energy Transport, and Global Energy Markets, Center for the Study of the Administrative State, Research Roundtable on Environmental Law in the Administrative State, George Mason University School of Law, Arlington, Virginia (May 2016)

Using Corporate Securities Disclosures to Assess Accuracy of Corporate Warnings About Regulation, Environment and Climate Change Canada, Government of Canada, Teleconference, Ottawa, Ontario (April 2016)

Getting to Markets: Natural Resource Projects in Canada, C.D. Howe Institute, Calgary, Alberta (March 2016)

The Keystone XL Pipeline, Market Access, & Climate Concerns, Canadian Constitutional Foundation and the Runnymede Society, University of Calgary Faculty of Law, Calgary, Alberta (March 2016)

Moderator, *New Political Promises: What They Mean for Environmental Assessment of Pipeline Projects*, Canadian Association of Environmental Law Societies Annual Conference, Calgary, Alberta (February 2016)

How Cheap Is Corporate Talk? Comparing What Companies Tell Regulators With What They Tell Investors, Tel Aviv University, Tel Aviv, Israel (December 2015)

Do Corporations Cry Wolf? Comparing What Companies Tell Regulators About Proposed Rules With What They Tell Shareholders, Society for Empirical Legal Studies Global Workshop for Junior Empirical-Legal Scholars, Hebrew University, Jerusalem, Israel (December 2015)

Do Corporations Cry Wolf? Comparing What Companies Tell Regulators About Proposed Rules With What They Tell Shareholders, Florida State University College of Law, Tallahassee, Florida (November 2015)

Policymaking by Proposal: How Agencies Are Transforming Industry Investment Long Before Final Rules Are Tested In Court, George Mason University School of Law, Arlington, VA (October 2015)

Investing in the Shadow of the Law: How Agency Proposals are Driving Energy Investments, Transatlantic Law Forum, Arlington, Virginia (October 2015)

Invited Expert, Alberta Provincial Government Climate Leadership Panel, Economy-Wide Approaches Stakeholder Technical Engagement Sessions, Calgary, Alberta (October 2015)

The Climate Impact of Liquefied Natural Gas from Canada, Hydraulic Fracturing Initiative Interdisciplinary Workshop, Calgary, Alberta (August 2015)

How Cheap is Corporate Talk? An Empirical Comparison of Companies' Statements to Regulators and Statements to Investors, University of Washington Junior Environmental Law Scholars Workshop, Seattle, Washington (July 2015)

Addressing Pollution in Other Countries: New Regulatory Models, New Problems, Calgary Sustainability Conference, Calgary, Alberta (June 2015)

New Energy Regulation: Changing Investment Decisions in the United States and Abroad, Natural Resources Law Teacher's Institute, Salt Lake City, Utah (May 2015)

Corporate Regulatory Impact Predictions, Society for Environmental Law and Economics, Groningen, Netherlands (May 2015)

How Cheap is Corporate Talk? Comparing What Companies Tell Regulators With What They Tell Investors, Sustainability Conference on American Legal Educators, Phoenix, Arizona (May 2015)

Liquefied Natural Gas, Energy Trade, and the Climate, Alberta Student Energy Conference, Calgary, Alberta (March 2015)

An Energy Transport Revolution: Fracking and the Clean Power Plan, Iowa Law School Federalist Society, Iowa City, Iowa (March 2015)

Agricultural Regulation and Litigation, Federalist Society Iowa Lawyers Chapter, Des Moines, Iowa (March 2015)

Roundtable, *Duke-Harvard Workshop, Power Shift: Regulating the Evolving Electricity Sector* (February 2015)

Moderator, *Prospects for Liquefied Natural Gas in Canada: Environmental Regulation, Royalty Schemes, and Broader Environmental Goals*, Canadian Association of Environmental Law Societies Annual Conference, Calgary, Alberta (February 2015)

United States Scrutiny and Regulation of Canadian Oil Production, Canadian Political Science Students' Association Annual Conference, Calgary, Alberta (January 2015)

Petroleum and Pâté: Other Nations' Efforts to Influence Canadian Crude Oil Production, Haskayne Hour, Calgary, Alberta (December 2014)

Environmental Matching Commitments, Notre Dame Law School London Roundtable on Valuation, Institutions, and Environment, London, England (November 2014)

Perils of Carbon Tariffs for Energy Trade & Climate Cooperation, Canadian Council on International Law Conference on Energy, Resources and Environmental Issues Igniting International Law, Ottawa, Ontario (November 2014)

Environmental Matching Commitments, University of Washington Junior Environmental Law Scholars Workshop, Seattle, Washington (July 2014)

Influencing Regulation in a Nation's Energy Trading Partners: Alternative Models of Unilateral Climate and Energy Regulation, European Consortium for Political Research, Barcelona, Spain (June 2014)

Increased Scrutiny for Energy Trade: Environmental Assessments & Lifecycle Regulation, Association of Canadian General Counsel, Victoria, British Columbia (May 2014)

Regulation of Imported Fuel: Infrastructure & Lifecycle Regulations, Alberta Student Energy Conference, Calgary, Alberta (March 2014)

Environmental Matching Commitments, Canadian Law and Economics Association Annual Conference, University of Toronto Faculty of Law, Toronto, Ontario (September 2013)

Importing Energy, Exporting Regulation: Reconciling State Policy Innovation with National Energy Markets, Legal & Policy Pathways for Energy Innovation, University of Minnesota, Minneapolis, MN (April 2013)

How Can Domestic Regulation Enable International Cooperation? International Conference on Law & Society, Honolulu, HI (June 2012)

Moderator, *Developments in Greenhouse Gas Regulation: EPA, Courts, and Legislatures*, American Bar Association's 41st Annual Conference on Environmental Law, Salt Lake City, UT (March 2012)

Development of International Environmental Law, Harvard Project for Asian and International Relations, Harvard Law School, Cambridge, MA (February 2012)

How Can Domestic Regulation Enable International Cooperation? The Case of Climate Change, Junior International Law Scholars Association Conference, University of Georgia School of Law, Athens, GA (February 2012)

JUDICIAL CLERKSHIP

Chambers of the Honorable Steven M. Colloton, Des Moines, IA (2007–2008)

Judicial Clerk, United States Court of Appeals for the Eighth Circuit

LEGAL WORK EXPERIENCE

Sidley Austin LLP, Washington, DC (2008–2011)

Associate

Environmental and appellate practice focused on regulation of energy production and trade. Presented to EPA and Office of Management and Budget. Drafted briefs and conducted discovery in Supreme Court climate change case and original actions concerning state conflicts over natural resources, radioactive waste. Briefed groups on climate legislation.

Democratic Dialogue, Belfast, Northern Ireland (Summer 2005)

Chayes International Public Service Fellow

Assessed potential of constitutional reforms to the 1998 Belfast Agreement.

OTHER WORK EXPERIENCE

The Bullis School, Potomac, MD (2002–2004)

Upper School Physics Teacher

Taught Physics and Honors Physics classes to juniors and seniors. Redesigned curriculum and revamped physics lab for interactive, workshop-style learning. Coached ice hockey, soccer.

Laboratory of Professor Naomi Pierce, Harvard University, Cambridge, MA (1999–2002)

Assistant Curator (2001–2002), *Thesis research* (1999–2001)

Organized research on evolution and life-history of lycaenid butterflies. Sequenced, analyzed DNA for karyotypically unusual genus of butterflies to answer questions about biological species concept, molecular clock, and chromosome evolution. Developed, implemented statistical analyses. Wrote grant applications. Collected specimens in Ukraine and Central Asia. Honored by co-authors who named new Central Asian sub-species *Agrodiaetus ripartii colemani*.

LEADERSHIP

Government Service: Alberta Royalty Review, Natural Gas Expert Working Panel

Organizer: <http://www.EnergyLawProf.com>, <http://www.EnergyTradeoffs.com>

Trustee: Foundation for Natural Resources and Energy Law

Co-editor: Special Issue of Oil *Offshore Energy Investment & Activities*, OIL, GAS & ENERGY LAW JOURNAL (forthcoming 2023) (with Ignacio Herrera Herrera Anchustegui)

Research Fellow: University of Calgary, School of Public Policy

Board Member: Canadian Institute for Resources Law, Southern Methodist University Mission Foods Texas-Mexico Center, Regulatory Transparency Project Energy & Environment Working Group, International Law Review Faculty Advisory Board, Association of International Energy Negotiators Educational Advisory Board

Faculty Advisor: Alberta Law Review, Jones Inn of Court, Noel Inn of Court, Storey Inn of Court

External Examiner: Andrew Dusevic, University of Saskatchewan Faculty of Law, LLM

Graduate Supervision: Adebola Kasumu, Post-Doctoral Fellow, University of Calgary

Reviewer: Alberta Law Review, Fulbright, International Journal of the Commons, Journal of Environmental Law and Practice, Journal of Energy & Natural Resources Law, McGill International Journal of Sustainable Development Law & Policy, Oil, Gas, and Energy Law, Oil and Gas, Natural Resources, and Energy Journal, Oxford University Press, Polish-U.S. Fulbright Commission, Public Policy and Administration, Sustainability, Transnational Environmental Law Journal, Yale Law Journal

Committee Service: Executive Committee, Hiring Committee, ABA Assessment Committee (Co-Chair), Career Services (Chair), Law Review Committee (Chair), Endowed Lecturers and Faculty Forum Committee, Curriculum and Academic Standards Committee, Student Legal Assistance Clinic, Faculty Secretary, Judicial Clerkship Committee, Mooting & Debating Committee, Faculty Senate, Colonial Group Faculty Survey Committee, Faculty Senate, Promotion and Tenure Committee, Rocky Mountain Mineral Law

Foundation Credentials Committee, Faculty Senate Executive Committee

Planning Committee:

American Bar Association's 41st Annual Conference on Environmental Law, Salt Lake City, UT (March 2012)
Rocky Mountain Mineral Law Foundation Institute for Natural Resources Law Teachers (June 2017, June 2019)