

**COMMITTEE ON NATURAL RESOURCES**  
**114<sup>th</sup> Congress Disclosure Form**  
**As required by and provided for in House Rule XI, clause 2(g)(5)**

*“The Future of Hydraulic Fracturing on Federally Managed Lands”*

July 15, 2015

**For Individuals:**

Name: Hannah J. Wiseman

Address: [REDACTED]

Email Address: [REDACTED]

Phone Number: [REDACTED]

\* \* \* \* \*

**For Witnesses Representing Organizations:**

Name:

Name of Organization(s) You are Representing at the Hearing:

Business Address:

Business Email Address:

Business Phone Number:

\* \* \* \* \*

**For Nongovernment Witnesses ONLY:**

1. Please attach/include current curriculum vitae or resume.

Attached below.

2. Please list any federal grants or contracts (including subgrants or subcontracts) related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the source and amount of each grant or contract.

I have not entered into any grants, contracts, subgrants, or subcontracts with federal entities this calendar year or in the previous two calendar years. However, the federal government paid for the cost of my flights, hotels, and transportation to and from the airport for two National Research Council workshops at which I spoke:

National Research Council Workshop on Governance of Risks of Unconventional Shale Gas Development  
500 Fifth St., N.W., Washington DC, Room 100

August 15-16, 2013

Round-trip flight Tallahassee-Reagan National (economy class): \$465.85

Metro and taxi to and from airport: \$19.00

Meals and incidentals on travel days (August 14 and 16): \$30.49

Kimpton Hotel paid for directly by National Academy of Sciences

National Research Council Workshop on Development of Unconventional Hydrocarbon Resources in the Appalachian Basin  
Erickson Alumni Center, West Virginia University, One Alumni Drive, Morgantown, WV 26504  
September 9-10, 2013  
Round-trip flight Tallahassee-Pittsburgh (economy class): \$461.91  
Rental car: approximately \$81.39  
Euro Suites Hotel paid for directly by National Academy of Sciences

I reviewed one National Science Foundation grant proposal in 2013 and one in 2014 but did not receive any compensation for conducting the reviews.

3. Please list any contracts or payments originating with a foreign government related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the amount and country of origin of each contract or payment.

In January 2013 the Asan Institute for Policy Studies paid for my travel to Seoul, South Korea, to make a presentation at a workshop entitled “Non-Market Factors in Shale Gas Development.” The Institute directly for my plane ticket (economy fare) and hotel (Westin Chosun hotel). The shuttle to and from the hotel, for which I was reimbursed, was approximately KRW 30,000. The Institute also paid me a \$1,000 honorarium for publishing an article in the Institute’s publication *A NEW GOLDEN ERA? UNCONVENTIONAL OIL AND GAS REGULATION IN THE U.S.: IMPLICATIONS FOR KOREA*.

The Asan Institute describes itself as follows: “The Asan Institute for Policy Studies is an independent, non-partisan think tank with the mandate to undertake policy-relevant research to foster domestic, regional, and international environments conducive to peace and stability on the Korean Peninsula, as well as Korean reunification. The Asan Institute was founded by Dr. Chung Mong Joon, honorary chairman and a seven-term member of the National Assembly of the Republic of Korea, on February 11, 2008.”

In March 2015 I participated in the workshop “Managing Risks in the Shale Industry: Comparison of Policies Worldwide at the University of Pittsburgh,” a workshop that was in part sponsored by the Center for Russian and East European Studies at the University of Pittsburgh. The University paid for my airfare (economy class) \$494.20, Super Shuttle transportation from the airport, and my hotel. I also received an honorarium of \$500 for helping to review papers presented at the workshop.

In December 2015 I will present an energy law paper at the Law, Environment, and Energy Workshop to be held at the Tel Aviv University Faculty of Law. The University will pay for \$1,500 in travel expenses.

Attachment: current curriculum vitae

## **HANNAH J. WISEMAN**

Attorneys’ Title Professor, Florida State University College of Law

### **EDUCATION, HONORS, AND ACTIVITIES**

**Yale Law School**, J.D., 2007

- Israel H. Peres Prize, best student note or comment appearing in the *Yale Law Journal*, 2007
- Managing Editor, *Yale Journal on Regulation*, 2006-2007

**Dartmouth College**, A.B. with High Honors, 2002, double major in Comparative Government and Environmental Studies

- *Summa cum laude*, Phi Beta Kappa honor society

## **AREAS OF ACADEMIC SPECIALTY**

Energy Law, Oil and Gas, Land Use, Environmental Law, Property

## **LAW JOURNAL ARTICLES, ESSAYS, AND NOTES**

*Coordinating the Oil and Gas Commons*, \_\_ B.Y.U. L. REV. \_\_ (forthcoming 2015, invited symposium contribution)

*The Fracking Revolution: Shale Gas As A Case Study in Innovation Policy*, 64 EMORY L.J. 955 (2015) (with John M. Golden)

*Regulatory Islands*, 89 N.Y.U. L. REV. 1661 (2014)

*A Market Approach to Regulating the Energy Revolution: Assurance Bonds, Insurance, and the Certain and Uncertain Risks of Hydraulic Fracturing*, 99 IOWA L. REV. 1523 (2014) (with David A. Dana)

*Remedying Regulatory Diseconomies of Scale*, 94 B.U. L. REV. 235 (2014)

*Hybrid Energy Governance*, 2014 U. ILL. L. REV. 1 (with Hari M. Osofsky)

*Urban Energy*, 40 FORDHAM URB. L. J. 1793 (2013, invited symposium contribution)

*Dynamic Energy Federalism*, 72 MD. L. REV. 773 (2013) (with Hari M. Osofsky)

*Risk and Response in Fracturing Policy*, 84 U. COLO. L. REV. 729 (2013)

*Community-Scale Renewable Energy*, 4 SAN DIEGO J. CLIMATE & ENERGY LAW 165 (2012-13, invited symposium contribution) (with Sara C. Bronin)

*The Renter/Owner Divide in Private Governance*, 2012 UTAH L. REV. 2067 (2012)

*Fracturing Regulation Applied*, 22 DUKE ENVTL. LAW & POLICY FORUM 361 (2012, invited symposium contribution)

*Expanding Regional Renewable Governance*, 35 HARV. ENVTL. L. REV. 477 (2011)

*Formulating a Law of Sustainable Energy: The Renewables Component*, 28 PACE ENVTL. L. REV. 827 (2011) (invited symposium contribution, with E. Nichole Saunders & Lindsay Grisamer)

*Local Energy*, 60 EMORY L.J. 877 (2011) (with Garrick Pursley)

*Regulatory Adaptation in Fractured Appalachia*, 21 VILL. ENVTL. L.J. 229 (2010, invited symposium contribution)

*Public Communities, Private Rules*, 98 GEO. L.J. 697 (2010)

*Untested Waters: The Rise of Hydraulic Fracturing in Oil and Gas Production and the Need to Revisit Regulation*, 20 FORDHAM ENVTL. L. REV. 115 (2009)

*Pro Bono Publico: The Growing Need for Expert Aid*, 60 S.C. L. REV. 493 (2008) (award-winning Warren E. Burger essay)

*Notice and Expectation Under Bounded Uncertainty: Defining Evolving Property Rights Boundaries Through the Public Trust and Takings*, 21 TULANE ENVTL. L.J. 233 (2008)

Note, *Searching for Balance in the Aftermath of the 2006 Takings Initiatives*, 116 YALE L.J. 1518 (2007) (reprinted in THOMSON WEST, ZONING AND PLANNING LAW HANDBOOK (2008))

## **SHORT ONLINE SCHOLARLY PUBLICATIONS**

*Moving Past Dual Federalism to Achieve Electric Grid Neutrality*, \_\_ IOWA L. REV. BULL. \_\_ (forthcoming 2015) (invited online article response)

*Governing Fracking from the Ground Up*, 93 TEX. L. REV. SEE ALSO 29 (2015) (invited online article response), <http://www.texasrev.com/wp-content/uploads/Wiseman-93-SeeAlso.pdf>

*Hydraulic Fracturing and Information Forcing*, 74 OHIO ST. L. J. FURTHERMORE 86 (2013) (invited contribution), <http://moritzlaw.osu.edu/students/groups/oslj/files/2013/06/Furthermore.Wiseman.pdf>

*The Private Role in Public Fracturing Disclosure and Regulation*, 3 HARV. BUSINESS L. REV. ONLINE 49 (2013) (invited contribution to “The Expansion of Shale and Fracking in the U.S. Energy Market and Current Developments in Business Law”), [http://www.hblr.org/wp-content/uploads/2013/02/Wiseman\\_The-Private-Role-in-Public-Fracturing-Disclosure-and-Regulation.pdf](http://www.hblr.org/wp-content/uploads/2013/02/Wiseman_The-Private-Role-in-Public-Fracturing-Disclosure-and-Regulation.pdf)

*Trade Secrets, Disclosure, and Dissent in a Fracturing Energy Revolution*, 111 COLUM. L. REV. SIDEBAR 1 (2011), [http://www.columbialawreview.org/wp-content/uploads/2011/01/1\\_Wiseman.pdf](http://www.columbialawreview.org/wp-content/uploads/2011/01/1_Wiseman.pdf)

*Partial Regulatory Takings: Stifling Community Participation Under the Guise of Kelo Reform*, 117 YALE L.J. POCKET PART 61 (2007), <http://www.yalelawjournal.org/forum/partial-regulatory-takings-stifling-community-participation-under-the-guise-of-ke-lo-reform>

## **BOOKS AND TEXTBOOKS**

ENERGY, ECONOMICS, AND THE ENVIRONMENT: CASES AND MATERIALS, Fourth Edition (Foundation Press 2015) (with Joel B. Eisen, Emily Hammond, Jim Rossi, David B. Spence, and Jacqueline Weaver)

Under contract with the American Bar Association to publish HYDRAULIC FRACTURING: A GUIDE TO LEGAL ISSUES with Keith Hall

## **BOOK CHAPTERS**

*Evolving Energy Federalism: Current Authority Allocations and the Need for Inclusive Governance*, in THE LAW AND POLICY OF ENVIRONMENTAL FEDERALISM: A COMPARATIVE ANALYSIS (Kalyani Robbins, ed.) (forthcoming, Edward Elgar Publishing)

*The Environmental Risks of Shale Gas Development and Emerging Regulatory Responses: A U.S. Perspective*, in HANDBOOK OF SHALE GAS LAW AND POLICY (Tina Hunter, ed.) (forthcoming 2015, Intersentia)

## **OTHER PUBLICATIONS**

*The Capacity of States to Govern Shale Gas Development Risks*, 48 ENVTL. SCI. & TECH. 8376, issue 15 (2014)

*Regulatory Risks in Tight Oil and Gas Development*, NATURAL GAS & ELECTRICITY 29/5 (2013), Wiley Periodicals

*Beyond Coastal Oil v. Garza: Nuisance and Trespass in Hydraulic Fracturing Litigation*, 57 THE ADVOCATE 1, 8 (2011) (State Bar of Texas Litigation Section Report, Energy Law Litigation)

*Evolving Regulation in the New Energy “Boomstates,”* ADMIN. & REG. L. NEWS (2010) (invited short version of *Regulatory Adaptation in Fractured Appalachia*)

*Public Communities, Private Rules*, LEGAL WORKSHOP (2010), <http://legalworkshop.org/2010/03/24/public-communities-private-rules> (short essay version)

*Getting From Here to There: Push to Increase Renewable Energy Capacity and Transmit Power Means Work for Lawyers*, TEXAS LAWYER, Nov. 23, 2009

*Trust and Communications: Mechanisms for Increasing Farmers' Participation in Water Quality Trading*, 81 LAND ECON. 170 (May 2005) (with Hanna Breetz, Karen Fisher-Vanden, and Claire Schary)

## **REPORTS**

THE STATE OF STATE SHALE GAS REGULATION (2013), [http://www.rff.org/rff/documents/RFF-Rpt-StateofStateRegs\\_Report.pdf](http://www.rff.org/rff/documents/RFF-Rpt-StateofStateRegs_Report.pdf) (Resources for the Future report, with Nathan Richardson, Madeline Gottlieb, and Alan Krupnick)

U.S. Regulation of Unconventional Oil and Gas Development: Progress and Challenges, *in A NEW GOLDEN ERA? UNCONVENTIONAL OIL AND GAS REGULATION IN THE U.S.: IMPLICATIONS FOR KOREA* (J. James Kim, ed., The Asan Institute for Policy Studies, 2013)

## **SELECTED PRESENTATIONS DELIVERED**

**University of Minnesota Law School**, Minneapolis, MN, Faculty Works in Progress, *Informal Federalism*, invited workshop presenter, April 2015

**University of California, Berkeley, Boalt Hall School of Law**, Berkeley, CA, Environmental Law Colloquium, *Informal Federalism*, invited colloquium presenter, February 2015

**UCLA School of Law**, Los Angeles, CA, Climate and Energy Law Workshop, *Informal Federalism*, invited workshop presenter, February 2015

**Penn Program on Regulation**, University of Pennsylvania Law School, The Risks and Regulatory Challenges of Unconventional Oil and Gas Development, *Good Governance in Unconventional Oil and Gas Extraction: Harnessing the Bird's-Eye View of Agencies*, invited panelist, February 2015

**National Governors Association**, Salt Lake City, UT, Second Annual Governors' Policy Forum on Responsible Shale Development, *Market-Based Mechanisms in Shale Gas Governance*, invited panelist, December 2014

**Northwestern University Law School**, Chicago, IL, Third Annual Searle Center Conference on Federalism and Energy, *The Heydinger Gap and Informal Federalism Solutions*, invited panelist, November 2014

**Association for Law, Property, and Society**, Vancouver, Canada, Energy and Property, *Allocating Energy Governance*, panelist; Evolving Geographies of Energy Transition, moderator, May 2014

**American Planning Association**, Atlanta, GA, Advanced Environmental Planning Workshop, Environmental Planning Practices, *Natural Resource Extraction Planning and Law*, invited presenter, April 2014

**Ohio State University Moritz College of Law**, Columbus, OH, Ohio Energy: Emerging Issues in Law, Finance and Regulation, *Local Energy Governance: Strategies to Address Disproportionate Impacts*, invited panelist, April 2014

**University of Texas School of Law**, Austin, TX, Faculty Colloquium, *The Fracking Revolution: A Case Study in Policy Levers to Promote Innovation*, co-presenter with John M. Golden, April 2014

**Yale Law School Information Society Project**, New Haven, CT, Innovation Law Beyond IP, *The Fracking Revolution: A Case Study in Policy Levers to Promote Innovation*, co-presenter with John M. Golden, March 2014

**Yale Center for Environmental Law and Policy & Land Use Law Center, Pace Law School**, Yale Law School, New Haven, CT, Controlling the Local Impacts of Hydrofracking, *Addressing Shale Gas Governance Gaps*, featured speaker, March 2014

**University of Houston Law Center**, Houston, TX, Environment, Energy, and Natural Resources Center Speaker Series, *Allocating Energy Governance*, invited speaker, February 2014

**Northwestern University Law School**, Chicago, IL, Second Annual Searle Center Conference on Federalism and Energy, *The Federal Role in State Policy Diffusion*, invited panelist, November 2013

**Louisiana State University, Paul M. Hebert Law Center**, Baton Rouge, LA, Liskow & Lewis Visiting Professorship in Energy Law Inaugural Lecture, *Enhancing Sub-Federal Renewable and Fossil Energy Governance*, invited inaugural lecturer, October 2013

**National Research Council – The National Academies**, Morgantown, WV, Workshop on the Development of Unconventional Hydrocarbon Resources in the Appalachian Basin, *State Shale Gas Regulation in the Appalachian Basin: Recent Enhancements, Remaining Gaps, and Opportunities for Change*, invited presenter, September 2013

**National Research Council – The National Academies**, Washington, D.C., Committee on Risk Management and Governance Issues in Shale Gas Development, Shale Gas Workshop #2, *Evaluating and Enhancing the Capacity of the States to Govern Unconventional Oil and Gas Development and Risks*, invited paper author and presenter, August 2013

**Rocky Mountain Mineral Law Foundation**, Flagstaff, AZ, Sixteenth Institute for Natural Resources Law Teachers, *Teaching Unconventional Gas and Oil Issues*, invited panel organizer and moderator, May 2013

**University of Minnesota**, Minneapolis, MN, Consortium on Law and Values in Health, Environment & the Life Sciences, Legal & Policy Pathways for Energy Innovation, *Diseconomies of Scale in Energy Law*, invited plenary panelist, April 2013

**Columbia Law School and Columbia Business School**, New York, NY, How Should Hydraulic Fracturing Be Regulated?, *Federal Approaches to Shale Gas Development: Statutes, Standards, and Studies*, invited panelist, April 2013

**Vanderbilt Law School**, Nashville, TN, *Remedying Regulatory Diseconomies of Scale*, invited faculty workshop presenter, March 2013

**Vanderbilt Law School**, Nashville, TN, Energy, Environment, and Land Use Program, *The Evolving Landscape of U.S. Unconventional Energy: Fracturing, Federalism Debates, and the Regulatory Divide*, invited lecturer, March 2013

**Harvard Law School**, Cambridge, MA, Environmental Law Society Panel, *Fracking and the Law: The Legal and Environmental Implications of the Hydraulic Fracturing Boom*, invited panelist, March 2013

**Yale Climate & Energy Institute and the Society of Petroleum Engineers**, New Haven, CT, Research Frontiers in the Science of Unconventional Energy Resources, *Regulations and Best Practices in the Development of Unconventional Resources*, invited panelist, March 2013

**Fordham University School of Law**, New York, NY, What is Urban Law Today? A Symposium on the Field's Past, Present, and Future in Honor of the Urban Law Journal's 40th Anniversary, *Urban Energy*, invited symposium panelist, February 2013

**Asan Institute for Policy Studies**, Seoul, Korea, Non-Market Factors in Shale Gas Development, *An Introduction to U.S. Regulation of Oil and Gas Drilling and Hydraulic Fracturing*, invited workshop speaker, January 2013

**Yale Center for Environmental Law and Policy**, monthly Webinar Series in Emerging Issues in Shale Gas Development, *Understanding and Improving Regulation of Shale Gas Development*, invited webinar presenter, December 2012

**University of San Diego School of Law**, San Diego, CA, Law in a Distributed Energy Future, *Implementing Community-Scale Renewables*, invited symposium panelist, November 2012

**American Bar Association Section of Environment, Energy, and Resources 20<sup>th</sup> Section Fall Meeting**, Austin, TX, Environmental Impacts of Oil and Gas Production in Shale Formations: Policy, Perception, and Reality, *The New and*

*Broader Risks of Shale Gas and Oil Development: Identifying Environmental Impacts Through Regulatory Violations and States' Policy Priorities*, invited panelist, Oct. 2012

**Fordham University School of Law**, New York, NY, Property Works in Progress, *Dynamic Energy Federalism*, revised draft (with Professor Hari Osofsky), workshop presenter, June 2012

**University of Minnesota**, Minneapolis, MN, New Directions in Environmental Law, Policy, and Geography, *Dynamic Energy Federalism* (with Professor Hari Osofsky), invited workshop presenter and commentator, May 2012

Presentation to congressional staff in Washington, D.C. with Dr. Rob Jackson, Nicholas Chair of Global Environmental Change at the Nicholas School of the Environment, *State Regulation of Shale Gas Development: Variation, Innovation, and Challenges*, March 2012

**Northwestern University Law School**, Chicago, IL, Searle Center Conference on Federalism and Energy in the United States, *State and Local Regulation of Shale Oil and Gas Development: Adaptation, Experimentation, or Chaos?*, invited panelist, March 2012

**Duke Nicholas School of the Environment**, Durham, NC, Hydrofracking Workshop, The Legal and Socioeconomic Setting, *Fracturing Regulation Applied*, invited panelist, January 2012

**Rocky Mountain Mineral Law Foundation**, Columbia River Gorge, 2011 Natural Resources Law Teachers Institute, *Siting Issues for Utility-Scale Renewables*, panelist, May 2011

**American Planning Association**, Boston, MA, 2011 National Planning Conference, *Land, Covenants, and Law*, invited panelist, April 2011

**Florida State University College of Law**, Tallahassee, FL, *Regionalism in Energy* (invited workshop presentation to faculty) and *Adaptive Regulation in the Energy Boomstates* (invited presentation to Environmental Certificate program), August 2010

**Duquesne University**, Pittsburgh, PA, Marcellus Shale Policy Conference, *Marcellus Policy Approaches*, invited panel moderator, May 2010

**The University of Texas School of Law**, Austin, TX, 2010 Carbon and Climate Change, *Smart Grids: Key Developments, Economics, and Legal Issues*, invited panelist, February 2010

**Villanova Law School**, Villanova, PA, Villanova Environmental Law Journal Symposium, *"Shale" We Drill? The Legal and Environmental Impacts of Extracting Natural Gas from Marcellus Shale*, invited panelist, January 2010

**The University of Texas School of Law**, Austin, TX, Texas Journal of Oil, Gas, and Energy Law, Energy Law Symposium, *Hydraulic Fracturing and the States*, invited panelist, January 2010

## **AWARDS AND RECOGNITION**

**Land Use and Environment Law Review**, *Remedying Regulatory Diseconomies of Scale* selected as one of the strongest pieces of environmental law scholarship published in the period covered by the 2015 volume and selected for republication in the review

**Environmental Law and Policy Annual Review**, Vanderbilt Law School and Environmental Law Institute, *A Market Approach to Regulating the Energy Revolution: Assurance Bonds, Insurance, and the Certain and Uncertain Risks of Hydraulic Fracturing* (with David A. Dana) recognized as a top piece and selected for republication in the review

**American Inns of Court**, Washington, D.C., Warren E. Burger Prize for writing, 2008

**The Burton Foundation**, Washington, D.C., The Burton Awards for Legal Achievement, law student winner, 2008

## **SELECTED MEDIA QUOTATIONS**

National Public Radio, The Diane Rehm Show, *New State Laws Aimed at Preventing Local Bans on Fracking*, May 27, 2015, <http://thedianerehmshow.org/shows/2015-05-27/new-state-laws-aimed-at-preventing-local-bans-on-fracking>

National Public Radio, Marketplace, *Pipeline Spill Exposes a Fracking Cost*, Jan. 22, 2015, <http://www.marketplace.org/topics/economy/pipeline-spill-exposes-fracking-cost>

National Public Radio, Marketplace, *A Fracking Story Too Good to be True*, Aug. 27, 2014, <http://www.marketplace.org/topics/sustainability/fracking-story-too-good-be-true>

Wall Street Journal, *The Fracking Fight's New Front Line*, June 4, 2014, <http://www.wsj.com/articles/fracking-meets-new-resistance-from-communities-1401905185>

Reuters, *North Carolina Senate Outlaws Disclosure of Fracking Fluid Secrets*, May 22, 2014, <http://in.reuters.com/article/2014/05/22/usa-fracking-secrets-idINL1N0O80P920140522>

National Public Radio, Living on Earth, May 9, 2014, *Texas Family Wins Fracking Suit*, <http://www.loe.org/shows/shows.html?programID=14-P13-00019#feature2>

National Public Radio, Morning Edition, *Texas Family's Nuisance Complaint Seen as Win Against Fracking*, May 2, 2014, <http://www.npr.org/2014/05/02/308796539/texas-familys-nuisance-complaint-seen-as-win-against-fracking>

Bloomberg Business, *Fracking Opens Fissures Among States as Drillers Face Many Rules*, Dec. 23, 2011, <http://www.bloomberg.com/news/articles/2011-12-23/fracking-opens-fissures-among-states-as-drillers-face-many-rules>

Wall Street Journal, *Wind Fuels Fight in Oil Patch*, Nov. 26, 2011, <http://www.wsj.com/articles/SB10001424052970203710704577052831852364286>

Wall Street Journal, *Drilling Tactic Unleashes a Trove of Natural Gas—And a Backlash*, Jan. 21, 2010, <http://www.wsj.com/articles/SB10001424052748703837004575012952816154746>

## **TEACHING AND RESEARCH EXPERIENCE**

**Florida State University College of Law**, Tallahassee, FL *Attorneys' Title Professor (Associate Professor)*, November 2014-present; *Assistant Professor*, January 2012–October 2014

**University of Tulsa College of Law**, Tulsa, OK *Assistant Professor*, August 2010–December 2011

**University of Pittsburgh School of Law**, Pittsburgh, PA  
*Short-course professor (The Law of Shale Gas)*, August 2011

**Lewis & Clark Law School**, Portland, OR  
*Short-course professor (Solar and Wind Energy Development)*, June 2011

**National Energy Policy Institute**, Tulsa, OK *Fellow*, June 2010–June 2011

**University of Texas School of Law**, Austin, TX *Visiting Assistant Professor*, August 2008–June 2010

## **PROFESSIONAL EXPERIENCE**

**Hyde Park Neighborhood Association**, Austin, TX *Of Counsel (pro bono)*, April 2008–June 2010

**United States Court of Appeals for the Fifth Circuit**, Austin, TX *Law Clerk to Judge Patrick Higginbotham*, Aug. 2007–Aug. 2008

**ICF Consulting**, Washington, D.C. *Research Assistant, Analyst*, 2002–2004

## **SELECTED SERVICE AND PROJECTS**

Member of the University of Michigan Graham Sustainability Institute Hydraulic Fracturing Integrated Assessment Review Panel, 2014-2015

Member of the Committee to Review Scholarly Papers for the Annual Meeting, Association of American Law Schools, 2014-2015

Periodic reviewer of National Science Foundation and Sloan Foundation grant proposals at the request of the foundations, 2011-present

Working Group Team Member, Science for Nature and People, The Nature Conservancy and National Center for Ecological Assessment and Synthesis, *Hydraulic Fracturing: Impacts on Water Quality and Quantity*, February 2014-present

Organizer of and speaker at Continuing Legal Education and Continuing Judicial Education event, *The Evolving Law of Hydraulic Fracturing and Unconventional Oil and Gas*, Florida State University College of Law, April 2014

Appointments Committee member, University of Tulsa College of Law 2010, Florida State University College of Law, 2013-14

Academic Enrichment Committee member, Florida State University College of Law, 2013-14

Admissions Committee member, Florida State University College of Law, 2013-13

Co-organizer, University of Pittsburgh 2013 Energy Law & Policy Institute, summer 2013

Project team member, Resources for the Future, *A Review of Shale Gas Regulations by State*, summer 2012–2013

Symposium organizer and moderator, *Effectively Governing Shale Gas and Oil Development*, Florida State University College of Law, February 2013

On-campus coach for Energy Law moot court team, Florida State University College of Law, August 2012–March 2013

Editor, Environmental Law Prof Blog January–December 2011; periodic contributor 2012-2013

Researcher for Pecan Street Project (Smart Grid pilot), Austin, Texas 2010

### **BAR ADMISSIONS**

Texas (2008)