

Heather E. Payne

Professor of Law

Seton Hall University School of Law

One Newark Center, Newark, NJ 07102

919.824.8362 / heather.payne@shu.edu

[Faculty Profile](#) / [SSRN](#) / [LinkedIn](#) / [Twitter](#)

EDUCATION

UNIVERSITY OF NORTH CAROLINA SCHOOL OF LAW Chapel Hill, NC

Juris Doctor, High Honors, May 2011

Order of the Coif; *North Carolina Law Review*; Environmental Law Project 2010 Symposium Editor

GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA

Bachelor of Chemical Engineering, High Honors, June 1999

Cooperative Plan, Dual Certificates in German and International Affairs

ACADEMIC EXPERIENCE

SETON HALL UNIVERSITY SCHOOL OF LAW, Newark, NJ, Professor of Law (2023-present); Associate Professor of Law (2018-2023)

Courses: Energy Law, Environmental Law, Property

UNIVERSITY OF NORTH CAROLINA SCHOOL OF LAW, Chapel Hill, NC, Fellow and Assistant Director, Center for Climate, Energy, Environment and Economics (CE3) (founded in 2008 as the Center for Law, Environment, Adaptation and Resources (CLEAR)) (2012-2018)

Courses: Environmental Law, International Environmental Law/Climate Change Focus, Property

TEACHING AND RESEARCH INTERESTS

Energy Law; Natural Resources Law; Environmental Law; Climate Change Law; Property; Energy & Environmental Justice Seminar; Administrative Law; International Environmental Law/Climate Change Focus; Trusts and Estates; Water Law

JUDICIAL CLERKSHIPS

THE HONORABLE MARTHA GEER, NORTH CAROLINA COURT OF APPEALS, Raleigh, NC, Law Clerk (August 2011 – August 2012)

PUBLICATIONS

LAW REVIEW ARTICLES

Virtual Energy, U. ILL. L. REV. (forthcoming 2024) (with Joel Eisen & Felix Mormann)

- Invited for presentation at Symposium 2023: New Frontiers in Energy Trading & Blockchain for the Grid, University of Richmond School of Law Journal of Law & Technology
- Selected for presentation at the 2023 AALS Annual Conference at the New Scholarship in Environmental, Energy and Natural Resources Law Program
- Invited for presentation to the Law of Energy Market Design Seminar, University of Oslo
- Selected for presentation to the Online Workshop for Environmental Scholarship
- Selected for presentation at the 2022 Vermont Colloquium on Environmental Scholarship

Warranting Health Equity, 70 U.C.L.A. L. REV. (forthcoming 2023) (with Jennifer D. Oliva)

- Invited for presentation at the Health, Housing, and Environmental Threats, UCSF/UC Law SF Consortium on Law, Science & Health Policy (February 2023)

Rebuilding Grid Governance, 48 B.Y.U. L. REV. 1057 (2023) (with Joel Eisen)

Past The Tipping Point: How Regulators And Utilities Are And Will Be Looking At Ways To Mitigate The Inevitable Impacts of Climate Change, 43 ENERGY L.J. 191 (2022) (with Harvey Reiter, Roshi Nateghi, Judsen Bruzgul, and Michael Craig) (invited) (panel transcript, edited)

Chasing Squirrels in the Energy Transition, 52 ENVTL. L. 237 (2022)

Unservice: Reconceptualizing the Utility Duty to Serve in Light of Climate Change, 56 U. RICHMOND L. REV. 603 (2022)

- Selected for presentation at the 2021 AALS Annual Conference at the New Scholarship in Environmental, Energy, Natural Resources, Agricultural, Food, and Animal Law Program
- Selected for presentation at the 2021 Carolinas Climate Resilience Conference
- Selected for presentation at the 2020 Water Law Works-in-Progress Workshop
- Invited for presentation to the Maryland/Pace Climate Change Seminar
- Selected for presentation at the 2020 Vermont Colloquium on Environmental Scholarship

Rhinoceroses Are Not Like Sneakers: A Response to Climate Changes Property, 82 OHIO ST. L.J. ONLINE 71 (2021) (invited)

Electrifying Efficiency, 40 STAN. ENVTL. L.J. 57 (2021)

- Selected for presentation at the AESP 32nd Annual Conference
- Selected for presentation at the Seventh Annual SRP Sustainability Conference of American Legal Educators

The Natural Gas Paradox: Shutting Down a System Designed to Operate Forever, 80 MD. L. REV. 693 (2021)

- Invited for presentation at the 2021 University of Oklahoma College of Law ONE-J (Oil & Gas, Natural Resources, and Energy Journal) Symposium
- Selected for presentation at the AESP Fueling the Energy to Change Conference
- Invited for presentation to the RMI Building Decarb Regulatory Working Group
- Invited for presentation at the Stanford Climate and Energy Workshop
- Selected for presentation at the 2020 AALS Environment, Energy and Natural Resources Works in Progress
- Selected for presentation at the 2019 Vermont Colloquium on Environmental Scholarship
- Invited for presentation at the UCSB/UCLA Works-in-Progress Workshop
- Invited for presentation at Widener University Commonwealth Law School

Private (Utility) Regulators, 50 ENVTL. L. 999 (2021)

Pulling in Both Directions: How States Are Moving Toward Decarbonization While Continuing to Support Fossil Fuels, 45 COLUM. J. ENVTL. L. 285 (2020)

- Invited for presentation at the 2020 Columbia Law School Climate Change Symposium
- Cited in Joel B. Eisen, [ADVANCED INTRODUCTION TO LAW AND RENEWABLE ENERGY](#) (Elgar 2021)

Sharing Negawatts: Property Law, Electricity Data and Facilitating the Energy Sharing Economy, 123 PENN STATE L. REV. 355 (2019)

- Excerpted in Rule, RENEWABLE ENERGY: LAW, POLICY & PRACTICE
- Selected for presentation at the Property Implications of the Sharing Economy Workshop
- Selected for presentation at the Vermont Colloquium on Environmental Scholarship

Roads to Nowhere in Four States: State and Local Governments in the Atlantic Southeast Facing Sea-Level Rise, 44 COLUMBIA J. OF ENVTL. L. 67 (2019) (with Shana Jones, Thomas Ruppert, Erin L. Deady, Scott Pippin, Ling-Yee Huang, and Jason M. Evans)

- Reprinted in 50 ENVTL. L. REP. 10656 (2020)
- Selected for presentation at Columbia University Earth Institute, At What Point Managed Retreat? Resilience Building in the Coastal Zone Conference
- Selected for presentation at the UNC Festival of Legal Learning
- Cited in M. Oppenheimer, B.C. Glavovic, J. Hinkel, R. van de Wal, A.K. Magnan, A. Abd-Elgawad, R. Cai, M. Cifuentes-Jara, R.M. DeConto, T. Ghosh, J. Hay, F. Isla, B. Marzeion, B. Meyssignac, and Z. Sebesvari, 2019: [Sea Level Rise and Implications for Low-Lying Islands, Coasts and Communities](#). In: IPCC Special Report on the Ocean and Cryosphere in a Changing Climate [H.-O. Pörtner, D.C. Roberts, V. Masson-Delmotte, P. Zhai, M. Tignor, E. Poloczanska, K. Mintenbeck, A. Alegría, M. Nicolai, A. Okem, J. Petzold, B. Rama, N.M. Weyer (eds.)].

Game Over: Regulatory Capture, Negotiation, and Utility Rate Cases in an Age of Disruption, 52 U.S.F. L. REV. 75 (2017)

- Selected for presentation at the Washington University School of Law Junior Environmental Law Scholars Workshop
- Selected for presentation at the Vermont Colloquium on Environmental Law
- Described by [Forbes](#) as “critical reading for anyone who’s interested in regulated electric utilities (or invests in them).”

A Fix for a Thirsty World: Making Direct and Indirect Reuse Legally Possible, 42 WM. & MARY ENVTL. L. & POL’Y REV. 201 (2017)

- Selected for presentation at the Sabin Colloquium on Innovative Environmental Law Scholarship
- Selected for presentation to the American Water Works Association
- Invited for presentation in the Louisiana State University Law Center Faculty Speaker Series

All of the Above: One Way State Regulatory Frameworks Impact the Utility of the Future, 8 GEO. WASH. J. ENERGY & ENVTL. L. 78 (2017)

A Long Slog: What a Ten Year Hydroelectric Relicensing Process Demonstrates about Public Participation and Administrative Regulation Theories, 53 IDAHO L. REV. 41 (2017)

- Selected for presentation at Nexus 2018: Water, Food, Energy and Climate

- Cited in Levin & Flanagan, FERC Hydropower Licensing: A Review of Utilization of the ILP, TLP, and ALP (National Renewable Energy Laboratory)

Incenting Green Technology: The Myth of Market-Based Commercialization of No- and Low-Carbon Electricity Sources, 24 N.Y.U. ENVTL. L.J. 404 (2016)

A Tale of Two Solar Installations, 38 U. HAW. L. REV. 131 (2016)

- Selected for presentation at DistribuTECH 2015

RIIO to REV: What U.S. Power Reform Should Learn from the U.K., 36 PACE L. REV. 101 (2015)

- Selected for presentation at the Washington University School of Law Junior Environmental Law Scholars Workshop

Lake Lanier and the Corps: How Adaptive Management Could Help in the ACF System, 51 IDAHO L. REV. 279 (2014)

Not One Without the Other: The Challenge of Integrating U.S. Environment, Energy, Climate, and Economic Policy, 44 ENVTL. L. 1079 (2014) (with Victor Flatt)

Curtailment First: Why Climate Change and the Energy Industry Suggest a New Allocation Paradigm is Needed for Water Utilized in Hydraulic Fracturing, 48 U. RICH. L. REV. 829 (2014) (with Victor Flatt)

- Selected for presentation at Nexus 2014: Water, Food, Climate and Energy Conference

OTHER PUBLICATIONS

Legal Issues When Managing Public Roads Affected by Sea Level Rise: North Carolina, SeaGrant White Paper (with Ian Brown) (June 2019)

Legal Issues When Managing Public Roads Affected by Sea Level Rise: South Carolina, SeaGrant White Paper (with Rebecca Neubauer, Kirstin Dow, Eleanor Davis, and Ian Brown) (June 2019)

Historical Preservation Laws and Long-Term Climate Adaptation: Challenges and Opportunities, SeaGrant White Paper (with Rebecca Neubauer) (June 2019)

Valuing Distributed Energy Resources: A Comparative Analysis, UNC CE3 White Paper (with Jonas Monast) (June 2018)

Law, Policy, and the Future of Solar Financing, UNC CE3 White Paper (with Victor Flatt) (October 2016)

Mapping Coastal Risks and Social Vulnerability: Current Tools and Legal Risks, NC SeaGrant White Paper (with Lisa Schiavinato) (Spring 2015)

Briefing Paper: Climate Change Risk Disclosure Current Practices and Possible Changes (with R. Kyle Evans) (2013)

The Urgent Need for Statewide Trap-Neuter-Return (TNR) Legislation (ABA Animal Law Committee, Chi., Ill.) (Winter/Spring 2012)

Symposium: Festival of Legal Learning, *A Discussion of the Objectives and Challenges of the Regional Greenhouse Gas Initiative* (2009)

GRANTS

SEAGRANT, Legal Projects (2016-2017)

- Role: Principal Investigator (PI)
- Status: Granted (\$22,000)

SEAGRANT, Building Equitable Resilience: Integrating Social Vulnerability Risks with Coastal Hazard and Adaptation Planning (2013-2015)

- Role: Research Associate
- Status: Granted (\$85,000)

PROFESSIONAL EXPERIENCE

SEARS HOLDINGS CORPORATION, Manager/Strategy; Director, Quality, Continuous Improvement and Analytics/SLS (2003-2008)

HONEYWELL INTERNATIONAL, Quality Assurance/Process Engineer (1999-2003)

SELECTED PRESENTATIONS

- Presenter, Legal Considerations in Addressing Climate Change, New Jersey State Bar Association Environmental Law Forum (June 2023).
- Presenter, Reliance and Reliability, Berkeley/Penn Energy Law Scholars Workshop (May 2023).
- Presenter, Reliance and Reliability, 8th Annual SRP Sustainability Conference of American Legal Educators, Arizona State University College of Law (May 2023).
- Presenter, Utilities with Purpose, Vanderbilt-Pace PEG, ESG, and Sustainable Business Workshop (May 2023).
- Presenter, Reliance and Reliability, 5th Annual Consumer Law Scholars Conference, Berkeley Center for Consumer Law & Economic Justice (March 2023).
- Presenter, Virtual Energy, Symposium 2023: New Frontiers in Energy Trading & Blockchain for the Grid, University of Richmond School of Law Journal of Law & Technology (February 2023).
- Presenter, Warranting Health Equity, Health, Housing, and Environmental Threats, UCSF/UC Law SF Consortium on Law, Science & Health Policy (February 2023).
- Presenter, Adaptive Management and Its Implications for Historic Preservation, Taliesin Colloquium 2023: The Evolution of Preservation Standards and Guidelines, American Institute of Architects (February 2023).

- Presenter, Virtual Energy, New Scholarship in Environmental, Energy and Natural Resources Law, AALS Annual Conference (January 2023).
- Presenter, Managing Virtual Energy Resources and the need for Independent Distribution System Operators in the US, Law of Energy Market Design Seminar, University of Oslo (November 2022).
- Presenter, Regulating for Virtual Energy, Online Workshop for Environmental Scholarship (October 2022).
- Presenter, Regulating for Virtual Energy, Vermont Colloquium on Environmental Scholarship (September 2022).
- Presenter, Analyzing and Mapping Environmental Justice: Legal Considerations, NJSBA 2022 Environmental Law Forum (June 2022).
- Presenter, Electrifying Efficiency, ASU Sustainability Conference (May 2022).
- Presenter, Electrifying Efficiency, AESP 32nd Annual Conference (February 2022).
- Panelist, Past the Tipping Point: Looking at Ways to Mitigate the Inevitable Impacts of Climate Change, Energy Bar Association (January 2022).
- Presenter, Reliance and Reliability, New Scholarship in Environmental, Energy and Natural Resources Law, AALS Annual Conference (January 2022).
- Presenter, A Conversation on Ocean & Energy Governance: Offshore Wind and Transmission, Monmouth University Ocean and Coastal Law and Policy (November 2021).
- Presenter, Climate Adaptation and the Law: Historic Preservation Laws and Long-Term Climate Adaptation, University of New Mexico School of Law (November 2021).
- Presenter, Reliance and Reliability, Vermont Colloquium on Environmental Scholarship (September 2021).
- Presenter, Cut Off: Changing Utility Duties in the Era of Climate Change Disasters, 2021 Carolinas Climate Resilience Conference (May 2021).
- Presenter, Path to Net Zero, University of Oklahoma College of Law ONE-J (Oil & Gas, Natural Resources, and Energy Journal) Symposium (April 2021).
- Co-Presenter, Pandethics: A Transactional Setting, Justice Stewart Pollock Environmental Inn of Court (March 2021).
- Presenter, Unservice, New Scholarship in Environmental, Energy, Natural Resources, Agricultural, Food, and Animal Law, AALS Annual Conference (January 2021).
- Presenter, Water Law Works-in-Progress Workshop, University of Utah College of Law (December 2020).
- Presenter, Unservice, Vermont Colloquium on Environmental Scholarship (September 2020).

- Presenter, Decarbonization: Regulatory Pathways for Gas Utilities and Implications for Electric Utilities, Fueling the Energy to Change AESP Conference, on Zoom (September 2020).
- Presenter, The Natural Gas Paradox, RMI Building Decarb Regulatory Working Group, virtually (June 2020).
- Presenter, Pulling in Both Directions, Climate Change Symposium, Columbia Law School (March 2020).
- Presenter, Shape of the Coast: Offshore Wind in North Carolina, Festival of Legal Learning, University of North Carolina School of Law (February 2020).
- Presenter, Natural Gas Paradox, Stanford Climate and Energy Workshop (January 2020).
- Presenter, Natural Gas Paradox, Environment, Energy and Natural Resources Works in Progress, AALS Annual Conference (January 2020).
- Presenter, “A Conversation on Ocean & Energy Governance for Offshore Wind,” Rutgers Energy Institute (November 2019).
- Presenter, Natural Gas Paradox, St. John’s University School of Law Faculty Workshop (November 2019).
- Vermont Colloquium on Environmental Scholarship (September 2019).
- UCSB/UCLA Works-in-Progress Workshop (August 2019).
- Presenter, “Legal Aspects of Managed Retreat: Roads to Nowhere,” Columbia University Earth Institute At What Point Managed Retreat? Resilience Building in the Coastal Zone Conference (June 2019).
- Panelist, Integrating Renewables on the Grid, 3rd Annual North American Environment, Energy, & Natural Resources Conference (April 2019).
- Presenter, “How Regulators Should Address the Potential for Stranded Shale Gas Assets,” Widener University Commonwealth Law School (March 2019).
- Panelist, “Clean Energy Technologies - Growing Pains or Coming of Age?,” Texas A&M University School of Law 10th Annual Energy Law Symposium (February 2019).
- Presenter, “Shape of the Coast: Local Governments Planning for Resiliency as a Response to Sea Level Rise,” UNC School of Law Festival of Legal Learning (February 2019).
- Vermont Colloquium on Environmental Scholarship (September 2018).
- Presenter, “A Long Slog,” Nexus 2018: Water, Food, Energy and Climate, April 17, 2018, Chapel Hill, NC.

- Moderator, “Renewable Energy Policy in NC: The Future Beyond HB 589,” UNC Clean Tech Summit (March 2018).
- Presenter, Environmental Law Symposium, “Legislative Updates, HB 589 and the Value of Solar” and “Water Regulation in NC: From the Rivers, to the Seas, to your Drinking Water,” UNC School of Law Festival of Legal Learning (February 2018).
- Co-Presenter, “OWASA’s AMI Journey: A Joint Operations and Board Perspective,” DistribuTECH 2018, January 23, 2018, San Antonio, TX.
- Property Implications of the Sharing Economy Workshop, Penn State Law (University Park), October 6, 2017.
- Vermont Colloquium on Environmental Scholarship (September 2017).
- Presenter, “North Carolina’s Energy Future – Valuing Solar and Other Distributed Energy Resources,” Chapel Hill, NC (June 2017).
- Panelist, “Wastewater Regulatory Trends and Emerging Issues,” American Water Works Association (June 2017).
- LSU Law Faculty Speaker Series (April 2017).
- Moderator, “Expanding purchasing options—consumer “green buying” options; muni and co-op PPAs for renewable energy,” Municipal Utilities and Cooperatives: Transitioning to a Lower-Carbon Future Conference (March 2017).
- Panelist, “Trends in Energy and Climate Policy,” UNC Clean Tech Summit (March 2017).
- Presenter, “Not One Without The Other” Webinar (February 2017).
- Presenter, “Environmental Law Symposium: North Carolina Updates” (February 2017).
- Presenter, “Think In on the Pricing of Distributed Energy Resources” (November 2016).
- Vermont Colloquium on Environmental Scholarship (September 2016).
- Panelist, “Insurance, Hedges, Markets, and Adapting to Climate Change,” Carolinas Climate Resilience Conference (September 2016).
- University of Washington Junior Environmental Scholars Workshop (June 2016).
- Sabin Colloquium, Columbia Law School (May 2016).
- Presenter, “Third Party Financing” and “The Role of Solar and Law,” Law, Policy, and the Future of Solar Financing, UNC School of Law, April 22, 2016.
- Panelist, “The Role of the State in Setting the Future Energy Mix,” J.B. & Maurice C. Shapiro Environmental Law Symposium, George Washington University Law School, March 10, 2016.

- Presenter, “North Carolina Legal Updates,” University of North Carolina Festival of Legal Learning, February 13, 2016.
- Panelist, “North Carolina in Context: Regional and National Trends,” N.C. Clean Energy Policies: Where Do We Go From Here?, September 25, 2015, Chapel Hill, N.C.
- University of Washington Junior Environmental Scholars Workshop (July 2015).
- Panelist, “Graduate Study Opportunities in Clean Tech and Sustainability,” UNC Clean Tech Summit, February 19, 2015.
- “A Tale of Two Solar Installations,” DistribuTECH 2015, February 3, 2015, San Diego, CA.
- “Climate Change and the Energy Industry: Water Used in Hydraulic Fracturing,” Nexus 2014: Water, Food, Climate and Energy Conference, March 6, 2014, Chapel Hill, NC.

BLOG POSTS AND MEDIA

- John S. Kiernan, 2023’s Greenest States, WalletHub (Apr. 12, 2023) (quoted answering questions on environmental and climate policy)
- Heather Payne & Jennifer D. Oliva, The Public Health Case Against Gas Appliances, Bill of Health, Harvard Law Petrie-Flom Center (Mar. 10, 2023)
- Maria Wood, Garden State Serious About Protecting the Environment, New Jersey State Bar Foundation The Legal Eagle Lowdown (Jan. 4, 2023) (quoted regarding plastic bag ban, electric vehicles, and recent Supreme Court decisions)
- Adam McCann, 2022’s Most & Least Energy-Efficient States, WalletHub (Oct. 18, 2022) (quoted answering energy efficiency and policy questions under “Ask the Experts”)
- ABC9 WCPO Cincinnati, Rolling blackouts? Why parts of the Tri-State could go dark this summer (June 30, 2022) (quoted discussing the potential for reliability challenges in MISO due to small reserve margins and climate change-induced hotter temperatures)
- Liability and Litigation Stemming from the Texas Weather Crisis, Legal Talk Network - Lawyer 2 Lawyer (March 5, 2021) (featured on podcast discussing potential liability for Winter Storm Uri and the Texas electric grid)
- Debra Cassens Weiss, Suits multiply over Texas power outages; is power grid operator protected by sovereign immunity?, ABA Journal (Feb. 24, 2021, 12:11 PM CST) (quoted discussing potential liability for Winter Storm Uri in Texas)
- Amanda Bronstad, Lawsuits Surge Over Texas Winter Storm, but Actions Against Utilities Could Stumble Over High Hurdles, Law.com (Feb. 23, 2021, 5:40 PM) (quoted discussing potential liability for Winter Storm Uri in Texas)
- Gabrielle Gurley, Frozen: Natural Disaster, Energy Choices, and Inhuman Responses in Texas, The American Prospect (Feb. 19, 2021) (quoted discussing energy regulation in Texas)

- Keith Goldberg, 5 Clean Energy Lessons From Calif. Blackouts, Law 360 (Sept. 10, 2020, 8:28 PM EDT) (quoted discussing microgrids, resource adequacy, demand response and other issues)
- Blog Post, COVID Lockdowns: Why Didn't They Produce a Greater Reduction in Air Pollution? (June 25, 2020)
- Blog Post, Air Pollution and COVID-19 Mortality Rates (June 22, 2020)
- Tom Johnson, Are COVID-19 Stay-at-Home Regulations Responsible for NJ's Cleaner Air?, NJ Spotlight News (Mar. 27, 2020) (quoted discussing potential reasons for decrease in pollution)
- Tom Johnson, Shaping Up for a Big Fight in NJ on Question of Right to a Clean Environment, NJ Spotlight News (Oct. 17, 2018) (quoted discussing trend in legally recognizing the right to a healthful environment)

ACADEMIC AND COMMUNITY SERVICE

Chair, Seton Hall University School of Law Independent Research Committee (2021-present)

Faculty Advisor, Seton Hall Law Review (2020-present)

Faculty Advisor, Seton Hall Journal of Legislation and Public Policy (2023-present)

Faculty Advisor, Seton Hall University School of Law Student Animal Legal Defense Fund (SALDF) Chapter (2020-present)

Faculty Advisor, Seton Hall University School of Law Environmental Law Society (2021-present)

Consultor, New Jersey State Bar Association Public Utility Law Section (elected) (2022-present)

Chapter Secretary, Order of the Coif Seton Hall Law Chapter (2022-present)

Member, Grievance and Grading Complaints Committee (2023-present)

AALS Natural Resources & Energy Law Section Executive Committee (elected) (2022-present)

New Jersey State Bar Association Cannabis Law Special Committee (appointed) (2021-present)

Review Editor, Editorial Board of Climate Law and Policy, Frontiers in Climate (invited) (2021-present)

Campus Representative, Climate Science Legal Defense Fund (2017-present)

Seton Hall Law Alternate, AALS House of Representatives (2022-2023)

Chair, Seton Hall University School of Law Honor Council (2022-2023)

Member, Seton Hall University School of Law Budget Committee (2021-2022)

Member, Seton Hall University School of Law Curriculum Committee (2018-2021)

Member, Seton Hall University Charter Day Committee (2018-2021)

Member, Seton Hall University School of Law Admissions Committee (2018-2019)

Member, Seton Hall University School of Law Honor Council (2019-2020)

Faculty Coach, University of North Carolina School of Law Energy Moot Court Team (2016-2018)

Faculty Coach, University of North Carolina School of Law Environmental Moot Court Team (2016-2018)

Board Member, Orange Water and Sewer Authority (OWASA) (2013-2014, 2016-2017)

Secretary of the Board, Orange Water and Sewer Authority (OWASA) (2014-2016)

Board Vice Chair, Orange Water and Sewer Authority (OWASA) (2017-2018)

Member, Orange County Animal Services Advisory Board (2017-2018)

Certification Chair, American Society for Quality (ASQ) – Raleigh Section (2006-2016)

Member, Morehead Planetarium and Science Center Jupiter Ball Committee (2010-2018)

PROFESSIONAL MEMBERSHIPS

American Association of Law Schools (AALS); American Bar Association (ABA); New Jersey State Bar Association (NJSBA); Justice Stewart G. Pollock Environmental Inn of Court

BAR ADMISSIONS

North Carolina; United States District Court for the Eastern District of North Carolina; United States Patent and Trademark Office