

CURRICULUM VITA

CRAIG ANTHONY (TONY) ARNOLD

Boehl Chair in Property and Land Use
Professor of Law and Affiliated Professor of Urban and Public Affairs
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I. EMPLOYMENT AND AFFILIATIONS

A. CURRENT POSITIONS

University of Louisville, Louisville, Kentucky, 2005-present
Louis D. Brandeis School of Law
Boehl Chair in Property and Land Use and Professor of Law (with tenure)
Associate Dean for Curriculum and Scheduling (2019-2020)
Associate Dean for Research and Faculty Development (2013-2014)
Associate Dean for Academic Affairs and Faculty Development (2010-2011)
Director, Resilience Justice Project (formerly the Center for Land Use and Environmental Responsibility)
Department of Urban & Public Affairs, College of Arts & Sciences
Affiliated Professor of Urban and Public Affairs
M.U.P. Faculty in Urban Planning
Ph.D. Faculty in Urban and Public Affairs
Graduate Faculty in Sustainability

B. AFFILIATIONS

Current

Indiana University Ostrom Workshop in Political Theory and Policy Analysis
University of Exeter Centre for Environmental Law
University of Louisville Center for Integrative Environmental Health Sciences
Kentucky Climate Consortium (University of Kentucky)

Past

University of Florida Water Institute
University of Kentucky Center for Excellence in Watershed Management (KWRI)
University of Colorado Children, Youth and Environments Center for Research and Design
University of Louisville Center for Environmental Policy and Management

C. PRIOR POSITIONS

University of California, Los Angeles, California, Fall 2016
Visiting Scholar, UCLA Law School

University of Florida Levin College of Law, Gainesville, Florida, Fall 2009
Huber Hurst Visiting Eminent Scholar

University of Houston Law Center, Houston, Texas, Spring 2010
Visiting Professor of Law & Symposium Visiting Professor

University of Cincinnati, Cincinnati, Ohio, 2008- 2009
Visiting Scholar, School of Planning, College of Design, Architecture, Art, and Planning

Chapman University School of Law, Orange, California, 1996-2005
Donley & Marjorie Bollinger Chair in Real Estate, Land Use, and Environmental Law,
2004-2005
Professor of Law, 2002-2005
Director of the Center for Land Resources, 1999-2005
Tenured, March 26, 2001 (Assistant Professor, 1996-99; Associate Professor, 1999-2002)

University of Wyoming College of Law, Laramie, Wyoming, Fall 2003
E. George Rudolph Distinguished Visiting Professor

Stanford Law School, Stanford, California, 1995-1996
Teaching Fellow, Legal Research and Writing

University of Puerto Rico School of Law, Rio Piedras, Puerto Rico, Summer 1995
Visiting Professor, Land Use Planning

Trinity University Department of Urban Administration, San Antonio, Texas, Spring 1995
Adjunct Faculty, Urban Law

Matthews & Branscomb, P.C., San Antonio, Texas, 1991-1995
Associate, Public Law Department
Primary Areas: environmental, natural resources, water, municipal, administrative, and
constitutional law
City Attorney, City of Hondo; City Attorney, City of Shavano Park
Pro Bono General Counsel, Federación EcuMénica de Fe y Acción
Represented diverse clients, including private businesses, government entities, public
interest organizations, and water districts

The Honorable James K. Logan, Tenth Circuit U.S. Court of Appeals, 1990-1991
Judicial Law Clerk

II. EDUCATION AND HONORS

A. EDUCATION

STANFORD LAW SCHOOL 1987-1990

Doctor of Jurisprudence with Distinction

3.56 grade point average (estimated top 15%)

Executive Editor (Founding co-editor), *Stanford Law & Policy Review*

Graduate Student Fellow, Stanford Center on Conflict and Negotiation

Teaching Assistant, Major Issues in Public Policy (Political Science)

UNIVERSITY OF KANSAS 1983-1987

Bachelor of Arts with Highest Distinction, Political Science (Honors) and History (Honors)

4.00 grade point average; *Phi Beta Kappa*

Harry S. Truman Scholar (national scholarship)

TIME College Achievement Award (national honor)

B. HONORS

GENERAL

- Article selected by peer review as one of 10 best land use and environmental law journal articles published in 2002
- Article selected by peer review as one of 20 best land use and environmental law journal articles published in 2004
- Article selected by peer review as one of the leading articles on zoning and planning published in 2014
- Article selected by peer review as one of the 20 best environmental law articles published in 2021; ELPAR Award.
- Article selected by peer review as one of the 20 best environmental law articles published in 2022; ELPAR Award.
- Article selected by IUCN (World Conservation Union) as one of the top 12 essential readings in resilience and environmental law
- Article selected as one of 12 exemplary publications in environmentally responsible land use
- Book selected to be excerpted in collection of essential readings in urban planning
- Article selected as among the best ever published in the *Hastings West-Northwest Journal of Environmental Law & Policy*, 2008
- Social Science Research Network: Top 10% of all scholars in total downloads (for all time and also annually)
- Elected to Sigma Xi Scientific Research Honor Society
- Planning Accreditation Board (national accreditation entity for urban planning programs) selected my Land Use & Planning Law syllabus for national recognition as a best practice in planning education
- Visiting Scholar, UCLA School of Law, 2016
- Huber Hurst Visiting Eminent Scholar at the University of Florida, 2009
- Distinguished Visiting Lecturer in Environmental and Land Use Law, Florida State University, 2009
- Keynote Speech, New Zealand Center for Environmental Law Conference on Property Rights and Sustainability: The Evolution of Property Rights to Meet Ecological Challenges, University of Auckland, NZ, 2009
- Distinguished Lecture, Children, Youth and Environments Center for Research and Design, University of Colorado College of Architecture and Planning, 2008
- Distinguished Lecture, Human Rights and National Security Law Program, College of William and Mary Marshall-Wythe School of Law, 2008
- Jestrab Lecture on Water, University of Montana, 2011
- Stegner Center Green Bag Lecture, University of Utah Wallace Stegner Center, 2012
- Scholar of the Month, University of North Carolina, Chapel Hill, Center for Law, Adaptation, Environment, and Resources, January 2014
- Who's Who in the World* (multiple years); *Who's Who in America* (multiple years); *Who's Who in American Law* (multiple years); *Who's Who in American Education* (multiple years)
- Albert Nelson Marquis Lifetime Achievement Award, *Marquis Who's Who*, 2019
- Madison's Who's Who* (multiple years)

UNIVERSITY OF LOUISVILLE

Appointed to the Boehl Chair in Property and Land Use, 2005 (endowed chair created by Kentucky Research Challenge Trust Fund, also known as “Bucks for Brains”)
Trustees Award, 2013 (highest University honor for a faculty member; awarded for extraordinary impact on students)
Distinguished Faculty Award for Outstanding Research, Scholarship, and Creative Activity in the Social Sciences, 2011
Jonathan N. Helfat Award for Legal Scholarship, 2010
Law Alumni Council Outstanding Faculty Member Award for Teaching Excellence, 2018
University of Louisville Nominee for Acorn Award, 2013 and 2015 (statewide honor for outstanding teaching)
Faculty Favorite, 2020, 2021, 2022 (nominated by students)
Covid Hero, 2020 (nominated by students for going above & beyond during pandemic)
Selected by students as Hooding Faculty, Law School Convocation, 2023
Brandeis School of Law Nominee for University Distinguished Faculty Award for Career Achievement in Research and Scholarship, 2020, 2021
University of Louisville Senior Scholar Nominee for Andrew Carnegie Fellowship Program, 2020
Barbara B. Lewis Faculty Fellowship. 2021
Ferreri Family Faculty Fellowship. 2021
Honorable Thomas A. Ballentine Faculty Fellowship, 2021
University of Louisville Research Award, 2022, 2023 (for national and international impact of research and scholarship)

CHAPMAN UNIVERSITY SCHOOL OF LAW

Appointed to the Donley & Marjorie Bollinger Chair in Real Estate, Land Use, and Environmental Law, 2004
Chapman University Achievement Award for Excellence in Scholarship, 2003 (University-wide honor)
Outstanding Professor of the Year, 1999-2000 (voted by law student body)
Honored in *100 Years of Legal Scholarship: AALS, 1900-2000* (nationwide group of law professors honored with tributes by former students to the educators who most affected their lives)
Finalist, Outstanding Professor of the Year, 1998-1999
Hagman Scholar, UCLA Land Use Law & Planning Conference, 2000, 2002, 2004, 2005
Honored by City of Anaheim City Council and Planning Commission for Distinguished Service on the City of Anaheim Planning Commission and as Chairman, 2002

STANFORD LAW SCHOOL

Graduated *with Distinction* (estimated rank, top fifteen percent)
Executive Editor (Founding co-editor), *Stanford Law & Policy Review*
Graduate Student Fellow, Stanford Center on Conflict and Negotiation
Honorable Mention, Murie Award in Environmental Law
Outstanding Young Men of America (multiple years)
Rosemary Ginn National Mortar Board Fellowship
McKelvie Fellowship

UNIVERSITY OF KANSAS

Graduated *with Highest Distinction* (4.00 cumulative grade point average)
Honors in Political Science (thesis)
Honors in History (thesis)
Phi Beta Kappa
Harry S. Truman Scholar
National scholarship for academic performance and commitment to government service
TIME College Achievement Award
Among 100 college students nationally recognized for college achievement
Strickland Award (outstanding graduating senior: leadership, service, and scholarship)
Rusty Leffel Concerned Student Award (student leadership)
University Scholar (academic)
Chancellors Club Scholar (academic)
Summerfield Scholar (academic)
Hilltopper Award (leadership and service)
Undergraduate Research Award
Paul Lawson Award for Highest GPA
Awards in history and political science
Completed College Honors Program

III. SCHOLARSHIP

A. MAJOR CONTRIBUTIONS TO KNOWLEDGE, IDEAS, & PUBLIC POLICY

1. The concept of property as a web of interests
2. Environmental justice/racism perspectives on land use planning and regulation, and land use planning and regulation perspectives on environmental justice/racism
3. Resilience justice: concept, framework, applications
4. “Wet growth” tools to integrate water supply, water quality, and land use and development
5. Adaptive law for social-ecological resilience
6. Trends and issues in the privatization of public water services in the U.S.
7. Urban ecosystem services and issues of social, racial, and environmental justice
8. A systems analysis of the structure of the land use regulatory system in the U.S.
9. The emergence, evolution, and effects of watershed governance and planning
10. Adaptive governance and social-ecological resilience
11. Systems thinking at the intersection of law, society, and the environment

B. PUBLISHED OR IN PRESS

(Selected honors for publications and selected usage for governance and policy reforms listed for illustrative purposes; Extensive academic citations in many diverse disciplines not listed)

1. BOOKS and MONOGRAPHS

ARNOLD, POWELL, FOSL, AND ROTHSTEIN, EDs., RACIAL JUSTICE IN AMERICAN LAND USE
(Cambridge University Press, forthcoming)

RABIN, KWALL, KWALL, AND ARNOLD, FUNDAMENTALS OF MODERN PROPERTY LAW, SEVENTH
EDITION (Foundation Press 2017)

RABIN, KWALL, KWALL, AND ARNOLD, TEACHER’S MANUAL TO FUNDAMENTALS OF MODERN
PROPERTY LAW, SEVENTH EDITION (Foundation Press 2017) (extensive stand-alone book
of commentary, analysis, and scholarship)

RABIN, KWALL, KWALL, AND ARNOLD, FUNDAMENTALS OF MODERN PROPERTY LAW, SIXTH
EDITION (Foundation Press 2011)

RABIN, KWALL, KWALL, AND ARNOLD, TEACHER’S MANUAL TO FUNDAMENTALS OF MODERN
PROPERTY LAW, SIXTH EDITION (Foundation Press 2011) (extensive stand-alone book of
commentary, analysis, and scholarship)

ARNOLD, NORTON, AND WALLEN, KENTUCKY WET GROWTH TOOLS FOR SUSTAINABLE
DEVELOPMENT : A HANDBOOK ON LAND USE AND WATER FOR KENTUCKY COMMUNITIES
(University of Louisville Center for Land Use & Environmental Responsibility 2009)

- Received the 2010 Jonathan N. Helfat Award for Legal Scholarship
- Used by U.S. Environmental Protection Agency, U.S. Department of Housing and Urban Development, Kentucky Division of Water, Kentucky Division of Forestry, municipalities in Newfoundland and Labrador, Canada (land-use planning and local economic development projects), the Iowa Department of Economic Development, the Association of State Wetlands Managers, the Alliance for Community Trees, Lexington-Fayette County Urban Government’s land-development guidelines for

stormwater management, and local neighborhood and environmental groups in the Louisville KY area, among others.

- Used by land-use and water planners in U.S. Rocky-Mountain region states and in training by the Land Use Leadership Alliance

ARNOLD, FAIR AND HEALTHY LAND USE: ENVIRONMENTAL JUSTICE AND PLANNING (American Planning Association 2007)

- Received funding from the National Academy of Public Administration and the Ford Foundation
- Used as policy resource by U.S. Environmental Protection Agency (*Environmental Justice: Key Resources for Building a Community of Practice for Local Use Planning*), American Planning Association (*Resource Finder on Social Equity; Community-Based Food Systems planning report*), California Environmental Justice Alliance (*SB1000 Implementation Toolkit: Planning for Healthy Communities*), The City Project (*Using Civil Rights Tools to Address Health Disparities*), and the Los Angeles Sustainability Collaborative (Urban Freeway Cap Parks in Los Angeles), environmental justice advocacy groups in South Carolina, and many others
- Selected by Black graduate students at Harvard Graduate School of Design as one of top readings in new course on race and urban design, as publicized nationally by *Atlantic Magazine's City Lab*
- Excerpted in EVANS-COWLEY, ESSENTIAL READINGS IN URBAN PLANNING (Planetizen 2014)
- Listed as core reading for preparation for the American Institute of Certified Planners exam

ARNOLD, ED., WET GROWTH: SHOULD WATER LAW CONTROL LAND USE? (Environmental Law Institute 2005)

- Used and cited in Summit County, Utah, Board of Health's Water Concurrency Ordinance
- Used in development of Kansas City, Missouri, stream setback ordinance
- Used in watershed planning in the Fraser Basin in British Columbia, Canada
- Used by land-use and water planners in the American West and Florida Everglades
- Used in advocacy by environmental groups like the Sierra Club, Watershed Watch, and 10,000 Friends of Pennsylvania

ARNOLD, PRIVATIZATION OF PUBLIC WATER SERVICES: THE STATES' ROLE IN ENSURING PUBLIC ACCOUNTABILITY (State Environmental Resource Center, Madison, WI, 2004) (invited)

ARNOLD AND JEWELL, BEYOND LITIGATION: CASE STUDIES IN WATER RIGHTS DISPUTES (Environmental Law Institute 2002)

2. CHAPTERS

Arnold, Roseman, Klatt, Banda-Cruz, Williams, and Schuhmann, *Structural Inequality and the Evolving Movements for Land Use Justice: From Housing Injustice to Environmental Injustice to Resilience Injustice*, in ARNOLD, POWELL, FOSL, AND ROTHSTEIN, EDS., RACIAL JUSTICE IN AMERICAN LAND USE, (Cambridge University Press, forthcoming)

Boamah and Arnold, *Assemblages of Inequalities and Resilience Ideologies in Urban Planning*, in ARNOLD, POWELL, FOSL, AND ROTHSTEIN, EDS., RACIAL JUSTICE IN AMERICAN LAND USE, (Cambridge University Press, forthcoming)

- Arnold, Fosl, and Powell, *The Intransigence of Racial Injustice in American Land Use 100 Years After Buchanan v. Warley*, in ARNOLD, POWELL, FOSL, AND ROTHSTEIN, EDs., RACIAL JUSTICE IN AMERICAN LAND USE, (Cambridge University Press, forthcoming)
- Arnold, Powell, Rothstein, and Fosl, *Hope and Transformation: The Next 100 Years of Racial Justice in American Land Use*, in ARNOLD, POWELL, FOSL, AND ROTHSTEIN, EDs., RACIAL JUSTICE IN AMERICAN LAND USE, (Cambridge University Press, forthcoming)
- Arnold and Cartaxo, *Resilience Justice and Adaptive Law in European Cities*, in van der Berg & Verschuuren, eds., ENHANCING URBAN CLIMATE RESILIENCE: THE ROLE OF LAW 125-150 (Edward Elgar 2022)
- Arnold, *Adaptive Law*, in LYSTER AND VERCHICK, EDs., RESEARCH HANDBOOK ON CLIMATE DISASTER LAW: BARRIERS AND OPPORTUNITIES 169-186 (Edward Elgar 2018)
- Arnold, Gosnell, Benson, and Craig, *Cross-Basin Patterns of Systemic-Change Drivers and Adaptive-Governance Features*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 205-227 (Springer Press 2018)
- Arnold, Green, DeCaro, Chase, and Ewa, *Resilience of the Anacostia River Basin: Institutional, Social, and Ecological Dynamics*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 33-46 (Springer Press 2018)
- DeCaro, Arnold, Boamah, and Garmestani, *Theory and Research to Study Principles of Social Cognition and Decision Making in Adaptive Environmental Governance*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 289-309 (Springer Press 2018)
- Allen, Birgé, Angeler, Arnold, Chaffin, DeCaro, Garmestani, and Gunderson, *Uncertainty and Tradeoffs in Resilience Assessments*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 243-268 (Springer Press 2018)
- Craig, Garmestani, Allen, Arnold, Birgé, DeCaro, Fremier, Gosnell, and Schlager, *Stability and Flexibility in the Emergence of Adaptive Water Governance*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 167-181 (Springer Press 2018)
- Gosnell, Chaffin, Ruhl, Arnold, Craig, Benson, and Devenish, *Finding Flexibility in Section 7 of the Endangered Species Act through Adaptive Governance*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 183-202 ((Springer Press 2018)
- Cosens, Craig, Hirsch, Arnold, Benson, DeCaro, Garmestani, Gosnell, Ruhl, and Schlager, *Legal Pathways to Adaptive Governance in Water Basins in North America and Australia*, in COSENS AND GUNDERSON, EDs., PRACTICAL PANARCHY: LINKING LAW, RESILIENCE AND ADAPTIVE WATER GOVERNANCE OF REGIONAL SCALE SOCIAL ECOLOGICAL SYSTEMS 151-165 (Springer Press 2018)
- Arnold, *Framing Watersheds*, in HIROKAWA, ED., ENVIRONMENTAL LAW AND CONTRASTING IDEAS OF NATURE: A CONSTRUCTIVIST APPROACH 271-302 (Cambridge University Press, 2014) (invited)

- Arnold and Gunderson, *Adaptive Law*, in ALLEN AND GARMESTANI, EDs., SOCIAL-ECOLOGICAL RESILIENCE AND LAW 317-364 (Columbia University Press, 2014) (invited)
- Garmestani, Allen, Arnold, and Gunderson, *Introduction to Resilience and Law*, in ALLEN AND GARMESTANI, EDs., SOCIAL-ECOLOGICAL RESILIENCE AND LAW 1-14 ((Columbia University Press, 2014) (invited)
- Arnold, *Sustainable Webs of Interests: Property in an Interconnected Environment*, in GRINLINTON AND TAYLOR, EDs., PROPERTY RIGHTS AND SUSTAINABILITY: THE EVOLUTION OF PROPERTY RIGHTS TO MEET ECOLOGICAL CHALLENGES 167-193 (Martinus Nijhoff, 2011) (invited)
- Arnold, *Introduction: The Fragmentation and Integration of Land Use and Water*, in ARNOLD, ED., WET GROWTH: SHOULD WATER LAW CONTROL LAND USE? 1-55 (Environmental Law Institute, 2005)
- Arnold, *Polycentric Wet Growth: Policy Diversity and Local Land Use Regulation in Integrating Land and Water*, in ARNOLD, ED., WET GROWTH: SHOULD WATER LAW CONTROL LAND USE? 393-433 (Environmental Law Institute, 2005)
- Arnold, *Litigation as Dispute Non-Resolution: Lessons from Case Studies in Water Rights Disputes*, in ARNOLD AND JEWELL, EDs., BEYOND LITIGATION: CASE STUDIES IN WATER RIGHTS DISPUTES 1-14 (Environmental Law Institute, 2002)
- Arnold and Jewell, *The Real Public Trust Doctrine: The Aftermath of the Mono Lake Case*, in ARNOLD AND JEWELL, EDs., BEYOND LITIGATION: CASE STUDIES IN WATER RIGHTS DISPUTES 155-190 (Environmental Law Institute, 2002)
- Arnold, *The Remedy of Monetary Damages in Land Use Litigation*, in POWELL ON REAL PROPERTY, ch. 79E (2002) (invited) (most widely cited property treatise in the United States)
- Arnold, *Joint Tenancy*, in POWELL ON REAL PROPERTY, ch. 51 (2001) (invited)

3. SCHOLARLY ARTICLES

- Arnold & Resilience Justice Project Researchers, *Environmental Justice, Resilience Justice, and Watershed Planning*, 48 WILLIAM & MARY ENVIRONMENTAL LAW & POLICY REVIEW ____ (forthcoming 2024) (108 pp.)
- Arnold, Bencomo-Suarez, Stevenson, Eisert, Khan, Utz, & Wells-Gonzalez, *Justice, Resilience, and Disruptive Histories: A South Florida Case Study*, 34 COLORADO ENVIRONMENTAL LAW JOURNAL 213-264 (forthcoming 2023)
- Arnold & Resilience Justice Project Researchers, *Equitable Planning for Community Resilience with Green and Blue Infrastructure*, 45(10) ZONING & PLANNING LAW REPORT 1-11 (Nov. 2022)
- Arnold & Resilience Justice Project Researchers, *Resilience Justice and Urban Water Planning*, 52(5) SETON HALL LAW REVIEW 1399-1459 (2022)
- ELPAR Award for top 20 environmental law article published in USA in 2022
- Arnold and Resilience Justice Project Researchers, *Resilience Justice and Community-Based Green and Blue Infrastructure*, 45(3) WILLIAM & MARY ENVIRONMENTAL LAW & POLICY REVIEW 665-737 (2021)
- ELPAR Award for top 20 environmental law article published in USA in 2021

- Ruhl, Salzman, Arnold, Craig, Hirokawa, Olander, Palmer, & Ricketts, *Connecting Ecosystem Services Science and Policy in the Field*, 19(9) FRONTIERS IN ECOLOGY AND THE ENVIRONMENT 519-525 (2021)
- Ward, Torso, Arnold, Mitchell, and Bakermans, *Improving Environmental Decision-Making Through Integrated Governance, Public Engagement, and Translational Approaches*, 101(2) BULLETIN OF THE ECOLOGICAL SOCIETY OF AMERICA e01685 (April 2020)
- Allen, Birgé, Angeler, Arnold, Chaffin, DeCaro, Garmestani, and Gunderson, *Quantifying Uncertainty and Trade-offs in Resilience Assessments*, ECOLOGY AND SOCIETY 23(1):3 (2018)
- Arnold, Gosnell, Benson, and Craig, *Cross-interdisciplinary Insights into Adaptive Governance and Resilience*, ECOLOGY AND SOCIETY 22(4):14 (2017)
- DeCaro, Arnold, Boamah, and Garmestani, *Understanding and Applying Principles of Social Cognition and Decision Making in Adaptive Environmental Governance*, ECOLOGY AND SOCIETY 22(1):33 (2017)
- Gosnell, Chaffin, Ruhl, Arnold, Craig, Benson, and Devenish, *Transforming (Perceived) Rigidity in Environmental Law through Adaptive Governance: A Case of Endangered Species Act Implementation*, ECOLOGY AND SOCIETY 22(4):42 (2017)
- Cosens, Craig, Hirsch, Arnold, Benson, DeCaro, Garmestani, Gosnell, Ruhl, and Schlager, *The Role of Law in Adaptive Governance*, ECOLOGY AND SOCIETY 22(1):30 (2017)
- Gunderson, Cosens, Chaffin, Arnold, Fremier, Garmestani, Craig, Gosnell, Birge, Allen, Benson, Morrison, Stone, Hamm, Nemeč, Schlager, and Llewellyn, *Regime Shifts and Panarchies in Regional Scale Social-Ecological Water Systems*, ECOLOGY AND SOCIETY 22(1):31 (2017)
- Craig, Garmestani, Allen, Arnold, Birge, DeCaro, Fremier, Gosnell, and Schlager, *Balancing Stability and Flexibility in Adaptive Governance: An Analysis of Tools Available in U.S. Environmental Law*, ECOLOGY AND SOCIETY 22(2):3 (2017)
- Chaffin, Garmestani, Gunderson, Allen, Angeler, Arnold, Cosens, Craig, and Ruhl, *Transformative Environmental Governance*, 41 ANNUAL REVIEW OF ENVIRONMENT AND RESOURCES 399-423 (2016)
- Green, Garmestani, Allen, Gunderson, Ruhl, Arnold, Graham, Cosens, Angeler, Chaffin, & Holling, *Barriers and Bridges to the Integration of Social-Ecological Resilience and Law*, 13(6) FRONTIERS IN ECOLOGY AND THE ENVIRONMENT 332-337 (2015)
- Arnold, *Environmental Law, Episode IV: A New Hope?: Can Environmental Law Adapt for Resilient Communities and Ecosystems?*, 21(1) JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY LAW 1-45 (2015) (invited)
- Salzman, Arnold, Garcia, Hirokawa, Jowers, LeJava, Peloso, and Olander, *The Most Important Current Research Questions in Urban Ecosystem Services*, 25(1) DUKE ENVIRONMENTAL LAW AND POLICY FORUM 1-47 (2014)
- Used as policy resource by Ministère de la Transition Écologique et Solidaire, Government of France
 - Used by Asian Development Bank (*Green Solutions for Livable Cities*)
- Arnold, Green, DeCaro, Chase, and Ewa, *The Social-Ecological Resilience of an Eastern Urban-Suburban Watershed: The Anacostia River Basin*, 51(1) IDAHO LAW REVIEW 29-90 (2014)
- Used by the U.S. Army Corps of Engineers to reframe and redesign planning processes for stream restoration projects and watershed conservation
- Arnold, *Adaptive Water Law*, 62(4) KANSAS LAW REVIEW 1043-1090 (2014) (invited)

- Used extensively by the Everglades Law Center in policy proposals to optimize Florida’s water supplies while advancing restoration of the Florida Everglades
- Arnold, *Resilient Cities and Adaptive Law*, 50(2) IDAHO LAW REVIEW 245-264 (2014) (invited)
- Reprinted in the ZONING AND PLANNING LAW HANDBOOK (2015) as one of the most important zoning and planning law articles of 2014, as selected by peers
 - Cited and used in ordinance adopted by Lisbon, Portugal, city government
- Arnold and Gunderson, *Adaptive Law and Resilience*. 43(5) ENVIRONMENTAL LAW REPORTER 10426-10443 (2013) (invited)
- Selected as one of 12 *Essential Readings in Resilience and Environmental Law* by IUCN (World Conservation Union)
 - Selected by University of North Carolina Center for Law, Environment, Adaptation and Resources for Scholar of the Month feature
- Arnold, *Fourth-Generation Environmental Law: Integrationist and Multimodal*, 35(3) WILLIAM AND MARY ENVIRONMENTAL LAW AND POLICY REVIEW 771-884 (2011)
- Selected by University of North Carolina Center for Law, Environment, Adaptation and Resources for Scholar of the Month feature
- Arnold, *Legal Castles in the Sand: The Evolution of Property Law, Culture, and Ecology in Coastal Lands*, 61(2) SYRACUSE LAW REVIEW 213-260 (2011) (invited)
- Arnold, *Sustainable Webs of Interests: Property in an Interconnected Environment*, 2 JOURNAL OF ANIMAL AND ENVIRONMENTAL LAW 27-65 (2011)
- Arnold, *Adaptive Watershed Planning and Climate Change*, 5(2) ENVIRONMENTAL AND ENERGY LAW AND POLICY JOURNAL 417-488 (2010) (invited)
- Selected as a recommended reading in Resilience and Environmental Law by IUCN (World Conservation Union)
 - Used by the U.S. Geological Survey, by local governments and water planners in Australia, groundwater management agencies in their sustainability criteria, and in scenario planning in the Columbia River Basin
 - Selected by University of North Carolina Center for Law, Environment, Adaptation and Resources for Scholar of the Month feature
- Arnold, *Law’s Adaptive Capacity and Climate Change’s Impacts on Water*, 5(2) ENVIRONMENTAL AND ENERGY LAW AND POLICY JOURNAL v-xiii (2010) (invited)
- Arnold, *Exemplary Research in Environmentally Responsible Land Use*, 22 SUSTAIN: A JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY ISSUES 2-7 (2010) (invited)
- Arnold, *The Structure of the Land Use Regulatory System in the United States*, 22 SUSTAIN: A JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY ISSUES 36-42 (2010) (anthology of exemplary scholarship on environmentally responsible land use)
- Arnold, *Water Privatization Trends in the United States: Human Rights, National Security, and Public Stewardship*, 33(3) WILLIAM AND MARY ENVIRONMENTAL LAW AND POLICY REVIEW 785-849 (2009)
- Used extensively by Food and Water Watch in policy reports, fact sheets, and advocacy, U.S. Senator Elizabeth Warren’s policy statements on water privatization, Clean Water for North Carolina, and Harvard University’s comments submitted to the Ministry of Water Resources of the Government of India on a draft national water policy, among others
- Arnold, *The Structure of the Land Use Regulatory System in the United States*, 22(2) JOURNAL OF LAND USE AND ENVIRONMENTAL LAW 441-523 (2007) (invited)

- Selected for an excerpt to be reprinted as one of 12 exemplary works in environmentally responsible land use for the Spring/Summer 2010 issue of SUSTAIN: A JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY ISSUES
 - Selected for translation into Spanish and republication in REVISTA DE DERECHO ADMINISTRATIVO by the Circulo de Derecho Administrativo, Pontificia Universidad Católica de Perú (2014)
 - Cited in legal brief to Washington Supreme Court
- Arnold, *Planning for Environmental Justice*, 59(3) PLANNING AND ENVIRONMENTAL LAW 3-12 (March 2007) (invited)
- Used as policy resource by U.S. Environmental Protection Agency (*Environmental Justice: Key Resources for Building a Community of Practice for Local Use Planning*)
- Arnold, *Clean-Water Land Use: Connecting Scale and Function*, 23(2) PACE ENVIRONMENTAL LAW REVIEW 291-350 (2006) (invited)
- Featured and used as a resource by the Salt Lake County (Utah) Department of Public Works in its revisions to its foothills and canyons overlay zoning ordinance
- Arnold, *For the Sake of Water: Land Conservation and Watershed Protection*, 14 SUSTAIN: A JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY ISSUES 16-31 (2006) (invited)
- Arnold, *Is Wet Growth Smarter Than Smart Growth?: The Fragmentation and Integration of Land Use and Water*, 35 ENVIRONMENTAL LAW REPORTER 10152-10178 (2005)
- Arnold, *Privatization of Public Water Services: The States' Role in Ensuring Public Accountability*, 32(3) PEPPERDINE LAW REVIEW 561-604 (2005) (invited)
- Arnold, *Working Out an Environmental Ethic: Anniversary Lessons from Mono Lake*, 4 WYOMING LAW REVIEW 1-55 (2004) (invited)
- Selected as a finalist for 36 LAND USE AND ENVIRONMENT LAW REVIEW as one of the 20 best land use and environmental law articles published in 2004, as selected by peer review
- Arnold, *The Reconstitution of Property: Property as a Web of Interests*, 26 HARVARD ENVIRONMENTAL LAW REVIEW 281-364 (2002)
- Reprinted at 34 LAND USE AND ENVIRONMENT LAW REVIEW 65 (2003), as one of the 10 best land use and environmental law articles published in 2002, as selected by peer review
 - Used extensively by the United Nations Food and Agricultural Organization, World Bank (policy papers on land and poverty), International Food Policy Research Institute, Natural Resources Institute, and African land and water legal/policy reformers and advocacy groups
 - Cited in legal briefs to the Wisconsin Supreme Court
- Arnold and Jewell, *Litigation's Bounded Effectiveness and the Real Public Trust Doctrine: The Aftermath of the Mono Lake Case*, 8 HASTINGS WEST-NORTHWEST JOURNAL OF ENVIRONMENTAL LAW & POLICY 1-24 (2002)
- Reprinted as one of the best articles in the journal's history at 12 HASTINGS WEST-NORTHWEST JOURNAL OF ENVIRONMENTAL LAW & POLICY 1177 (2008)
- Arnold, *Land Use Justice*, 3.2 PROJECTIONS: THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY JOURNAL OF PLANNING 32-62 (2002)
- Used as policy resource by U.S. Environmental Protection Agency (*Environmental Justice: Key Resources for Building a Community of Practice for Local Use Planning*)

Arnold, *Land Use Regulation and Environmental Justice*, 30 ENVIRONMENTAL LAW REPORTER 10395-10433 (2000)

- Used as policy resource by U.S. Environmental Protection Agency (*Environmental Justice: Key Resources for Building a Community of Practice for Local Use Planning*)

Arnold, *How Do Law Students Really Learn? Problem-Solving, Modern Pragmatism, and Property Law*, 22 SEATTLE UNIVERSITY LAW REVIEW 891-920 (1999) (invited)

Arnold, *Planning Milagros: Environmental Justice and Land Use Regulation*, 76 DENVER UNIVERSITY LAW REVIEW 1-153 (1998)

- Cited by Supreme Court of Pakistan in landmark climate justice judicial opinion
- Used as policy resource by U.S. Environmental Protection Agency (*Environmental Justice: Key Resources for Building a Community of Practice for Local Use Planning*)
- Used by numerous grassroots environmental-justice organizations, including extensively by the Little Village Environmental Justice Organization in Chicago
- Used extensively by the National Association of City and County Health Officers and public health officials throughout the U.S.

Arnold, *Religious Freedom as a Civil Rights Struggle*, 2 NEXUS (2) 149-167 (1997) (invited)

Arnold, *Conserving Habitats, Building Habitats: The Emerging Impact of the Endangered Species Act on Land-Use Development*, 10(1) STANFORD ENVIRONMENTAL LAW JOURNAL 1-43 (1991)

- Honorable Mention, Murie Award in Environmental Law
- Cited in multiple legal briefs submitted to the U.S. Supreme Court and the U.S. Court of Appeals for the D.C. Circuit

Arnold, *Ignoring the Rural Underclass: The Biases of Federal Housing Policy*, 2 STANFORD LAW & POLICY REVIEW 191-206 (1990)

- Used by U.S. Department of Housing and Urban Development, U.S. Department of Agriculture,

Arnold, *Beyond Self-Interest: Policy Entrepreneurs and Aid to the Homeless*, 18 POLICY STUDIES JOURNAL 47-66 (1989)

- Best Undergraduate Paper, Southwest Political Science Association

4. ESSAYS, PROFESSIONAL ARTICLES, and BLOGS

Arnold, *The Evolution of Planning and Zoning for Environmental Justice*, in Christine Quattro, ENVIRONMENTAL JUSTICE AND ZONING LAW 9-10 (American Planning Association, forthcoming 2024)

Arnold, *The Emergence and Evolution of Watershed Institutions in the American West: Their Roles in Sustainable Communities*, conference paper distributed for and presented at the conference Realizing Sustainable Communities in a Post-Recession West, hosted by the University of Idaho in Boise, ID, October 11-13, 2012

Arnold and Norton, *A Voice Is A Terrible Thing to Waste: People Working for Environmental Justice in Their Backyards Speak for Themselves*, PLANNING 39-42 (Aug./Sept. 2010)

Arnold, *For the Public Good?*, Louisville Bar Briefs (Louisville Bar Association), October 2006, at 1 & 7

Arnold, *Takings and Land Use Regulation from A Comparative Perspective* (Book Review of TAKING LAND: COMPULSORY PURCHASE AND REGULATION IN ASIAN-PACIFIC COUNTRIES, Tsuyoshi Kotaka & David L. Callies, eds. 2002), 54.7 LAND USE LAW & ZONING DIGEST 8-9 (2002)

Arnold, *Why I Teach*, THE LAW TEACHER (Fall 2001)

Arnold, *Afterword: Unanswered Questions*, 5 NEXUS 91 (2000) (afterword to symposium on *Cole v. Oroville Union H.S.*)

Arnold, *The Practice of American Constitutional Law in an Imperfect World: A Reply to Professor Vogel's Relational Hermeneutic*, unpublished manuscript presented at a conference entitled "Relational Hermeneutics in a Fractured World: The Reality-Quest at the Turn of the Millenium, Chapman University (2000)

Arnold, *Introduction and Tribute to the Honorable Deanell Reece Tacha, Inaugural Distinguished Jurist in Residence*, 2 CHAPMAN L. REV. 1-5 (1999)

Arnold, *Local Environmental Infrastructure Along the Border: The Role of BECC and NADBank*, COMMERCIAL LAW UPDATE (1995)

Arnold, *Endangered Species Act Restricts Development & Business Activities*, COMMERCIAL LAW UPDATE (1993)

Arnold, *Recent Developments in Mexican Environmental Law*, MEXICO TRADE LETTER (1992)

Series of 5 essays on environmental stewardship and faith for Earth Keepers 360 blog (national organization of faith leaders engaged in environmental issues) and *Knox Notes* (Presbyterian church newsletter) 2019-2020

Contributing Editor, *Land Use Professor Blog*

Guest Contributor, *Biophilic Cities Blog*

Editor, *Mapping the Landscape: Resources on Land Use and the Environment* (blog associated with the University of Louisville Brandeis School of Law and the Center for Land Use and Environmental Responsibility)

Signatory to dozens of amicus briefs and regulatory comment letters submitted by scholars in environmental, natural resources, land use, housing, or water law

C. WORKS IN PROGRESS

Arnold and Resilience Justice Project Researchers, *Mill Creek Watershed & Community Report*

Arnold, Wells-Gonzalez, Boamah, Cartaxo, Ewers, and Stricklin, *Co-Governance and Resilience Justice*, Paper to be presented at the Ostrom Workshop on Political Theory & Policy Analysis (Indiana University) 7th Workshop on the Workshop (WOW7), June 19-21, 2024

Equitable Adaptation Project (Arnold, PI): 10 publications from the NOAA-funded research project, "Equitable Coastal Urban Adaptation to Climate Change: A Resilience Justice Assessment":

- 8 reports
- Guidebook
- Scholarly article

Arnold, *Stepping into the River: Water, Law, and Histories of Injustice*

RABIN, ARNOLD, K WALL, BRATSPIES, REED, AND ZIEGLER, FUNDAMENTALS OF MODERN PROPERTY LAW, 8TH EDITION

D. REPORTS, POSTERS, TOOLS, AND PROJECT DELIVERABLES

- Arnold, Bencomo-Suarez, Neal, Utz, Brown, Shumate, & Wells-Gonzalez, *Mill Creek Watershed Planning: Environmental Justice and Resilience Justice Frameworks* (Resilience Justice Project, July 2022) (funded by U.S. Environmental Protection Agency Clean Water Act Section 319(h) grant)
- Arnold, Bencomo-Suarez, Brown, & Shumate, *Mill Creek Watershed and Community Environmental Justice Audit* (Resilience Justice Project, Aug. 2022) (funded by U.S. Environmental Protection Agency Clean Water Act Section 319(h) grant)
- Arnold, Eisert, Garvey, Khan, Stevenson, and Szot, Resilience Justice Assessment of Green and Blue Infrastructure in Marginalized Neighborhoods in Louisville, Kentucky, and Tampa, Florida
- Arnold, Schuhmann, Cafferty, Gore, Mains, Klatt, Banda-Cruz, and Muwanga Resilience Justice Assessment of the Parkland Neighborhood
- Arnold, Schuhmann, Gore, Mattingly, and Cafferty, Resilience Justice Assessment of Louisville Metro Vacant and Abandoned Properties and Community Gardens Policies
- Arnold, Schuhmann, Mains, Cafferty, Gore, and Mattingly, Resilience Justice Assessment of Sacramento Urban Water Plans and Policies
- Arnold, Ernstberger, and Schuhmann, How Resilient and Just Is Your Policy or Program? The Resilience Justice Policy Assessment Tool (Poster)
- Arnold, Ernstberger, and Schuhmann, How Resilient and Just Is Your Water Plan? The Resilience Justice Policy Assessment Tool (Poster)
- Arnold, Resilience Justice Assessment of the Los Angeles River Restoration and Revitalization
- Arnold, Participatory Strategies for Marginalized Communities in Green and Blue Infrastructure Policy
- Arnold, Resilience Justice Tool to Analyze Public Policies and Programs
- Arnold, Resilience Justice Action Framework
- Arnold, Resilience Justice Action Framework: Short Version
- Pederson and Arnold, Georgetown-Scott County Scenario Planning Workshop: Summary of Emergent Ideas and Patterns
- Boamah and Arnold, Adaptive Governance for Resilient Urban Watersheds: The Case of the Anacostia Watershed (Poster)

E. EDITORIAL/PEER REVIEW

Editorial Board, Human Geography and Social Sustainability Section, SUSTAINABILITY
Guest Lead Editor, Special Issue on Environmental Justice and Ecosystem Co-
Governance, 2020-2021

Issue editor, SUSTAIN: A JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY ISSUES Volume 22
First Level Review Board, LAND USE AND ENVIRONMENT LAW REVIEW (first level of selecting
the best ten articles published in environmental and land use law in the preceding year)

Second Level Review Board, LAND USE AND ENVIRONMENT LAW REVIEW (second level of
selecting the best ten articles published in environmental and land use law in the
preceding year)

Editor, "Language Access for Land Use Processes," Sustainable Development Code brief, 2022

Peer Reviewer for POLICY STUDIES JOURNAL

Peer Reviewer for ENVIRONMENTAL PRACTICE

Peer Reviewer for REMOTE SENSING

Peer Reviewer for POLICY AND SOCIETY

Peer Reviewer for SUSTAINABILITY

Peer Reviewer for WASHINGTON JOURNAL OF ENVIRONMENTAL LAW & POLICY

Peer Reviewer for JOURNAL OF EDUCATION FOR SUSTAINABLE DEVELOPMENT (Sage)

Peer Reviewer for BLUE WATERS, GREEN CITIES: PROCEEDINGS OF THE WINGSPREAD WORKSHOP
ON CITIES OF THE FUTURE

Peer Reviewer for SEA GRANT LAW AND POLICY JOURNAL

Peer Reviewer for LAW AND SOCIETY REVIEW

Peer Reviewer for LAND USE POLICY

Peer Reviewer for Mississippi-Alabama Sea Grant Consortium Research Program

Peer Reviewer for National Institutes for Water Resources-U.S. Geological Survey National
Competitive Grants Program

Peer Reviewer for University Press of Kansas

Peer Reviewer for Environmental Law Institute

Peer Reviewer for Cambridge University Press (multiple books)

Peer Reviewer for PLOS-ONE

Peer Reviewer for RESOURCES

Peer Reviewer for IDAHO LAW REVIEW

Peer Reviewer for JOURNAL OF ENVIRONMENTAL MANAGEMENT

Examiner, PhD Thesis, University of Tasmania

Peer Reviewer for American Planning Association

F. GRANTS and FUNDED PROJECTS

Grant for “Equitable Coastal Urban Adaptation to Climate Change: A Resilience Justice Assessment”

- \$75,000 federal grant: National Oceanic & Atmospheric Administration (NOAA) grant through the National Sea Grant Law Center
- National competitive peer-review selection process; high score & praise by peer reviewers
- Principal Investigator
- University of Louisville Resilience Justice Project = lead partner
- Partners: Georgetown Climate Center at Georgetown Law School; Center for Comparative Study of Metropolitan Growth at Georgia State University
- Assessment of climate adaptation planning in 8 major coastal urban areas for equity with and for low-income communities of color: Boston, Savannah, Miami, Tampa, New Orleans, San Diego, Seattle, Cleveland
- Identification of best practices & legal, policy, & planning reforms for equitable climate adaptation planning
- Overseeing team of approximately 45 investigators at 3 universities

Environmental Justice and Resilience Justice in Mill Creek Watershed Planning: U.S.

Environmental Protection Agency Clean Water Act Section 319(h) Grant

- Grant of approximately \$30,000 from the US EPA, Kentucky Division of Water, and Louisville Metropolitan Sewer District, 2022-2023
- Integrate environmental justice and resilience justice principles and methods into watershed planning for Mill Creek watershed in southwestern Louisville
- Collaborate with Metropolitan Sewer District and various government, community, and environmental partners
- Inclusive community engagement and in-depth semi-structured interviews of community residents

Environmental Justice Advisor to the Community Engagement Core of the NIH-funded University of Louisville Center for Integrative Environmental Health Sciences (CIEHS)

2020 Real Estate Education Grant, Kentucky Real Estate Commission

- Grant of approximately \$32,000 from the Kentucky Real Estate Commission to the University of Louisville Department of Urban and Public Affairs, 2020
- Co-Investigator (Principal Investigator is Dr. Sumei Zhang)
- Develop and deliver program of real estate education to professionals, including a unit on real estate law

Resilience Justice and Urban Green and Blue Infrastructure Policy

- Surdna Foundation Grant to The City Project in the amount of \$75,000 with \$37,450 subgrant to the University of Louisville Brandeis School of Law and Center for Land Use and Environmental Responsibility, 2016-2017

- Co-Principal Investigator (Robert Garcia is Principal Investigator); additional researchers: Ariel Collins, Briana Lathon, Holden Pederson, Tim Mok, and Dominic Stine
- Development of policy framework for resilience justice in urban green and blue infrastructure planning and policy making in Los Angeles

The Role of Law and Public Participation in the Evolution of Watershed Institutions in Kentucky and Tennessee for Social-Ecological Resilience

- 2014 Multi-Disciplinary Research Grant (MRG) from the University of Louisville Office of the Executive Vice President of Research in the amount of \$9,902
- Principal Investigator (Dr. Daniel DeCaro is Co-Principal Investigator)
- Use of case study research, in-depth interviews, and surveys to assess the relationship between law and public participation in how 8 watershed governance institutions in Kentucky and Tennessee have adapted to changing conditions and disturbances
- Designed to develop data and models that will lead to further funding proposals (e.g., National Science Foundation Program in Law and Social Sciences)

Diverse Participation in Watershed Planning and Governance: Building Social –Ecological Resilience in Kentucky Watersheds

- 2014-2015 104b Student Research Enhancement Project Grant in the amount of \$5,000, funded by the U.S. Geological Survey and the National Institutes for Water Resources through the Kentucky Water Resources Research Institute at the University of Kentucky
- Co-Principal Investigators (other Co-Principal Investigators were student research assistants Jennifer-Grace Ewa and Alexandra Chase)
- Student research on participant preferences regarding participatory methods in watershed planning and governance
- Assessment of diversity and scope of public participation in watershed planning and governance in two Kentucky watersheds, one urban and one rural, with particular focus on certain groups with historically low participation rates: low-income and moderate-income residents, racial and ethnic minorities, farmers, ranchers, and other agricultural producers, and others

Social-Ecological Resilience: Climate Change and Adaptive Water Governance, 2013-2015

- Multi-university and multi-disciplinary research team
 - Member of Core Team
 - Participant in all planning and workshops
- Develop adaptive governance and administrative law models for water management in the face of climate change through a series of workshops
- Funding (approximately \$100,000 of travel and research expenses) from the National Science Foundation (NSF) through the National Socio-Environmental Synthesis Center (SESYNC), University of Maryland

- Researchers in law, social sciences, water resources, and ecology at the University of Idaho, Emory University, the University of Nebraska, the University of Louisville, the University of New Mexico, the University of Utah, Oregon State University, Vanderbilt University, Washington State University, and the US Environmental Protection Agency

Ecosystem Services, Law, and Urban Planning, 2013-2014

- Multi-university and multi-disciplinary research team
 - Invited to assist with development of workshop program, in particular recommendations of participants to invite
 - Participant in workshop; leader of one session
 - Presenter on literature review; co-author of article; leader of several aspects of project
- An investigation of how governance, institutional structures, and legal frameworks affect the adoption of an ecosystem services approach to urban planning
- Workshop in December 2013 attended by experts from a wide range of disciplines and settings including academia, government, and nonprofit organizations
- Funded by the National Academies Keck Futures Initiative with a \$10,000 grant to the Duke University Nicholas Institute for Environmental Policy Solutions

Kentucky Growth Readiness Workshops and Kentucky Wet Growth Handbook, approx. \$25,000 sub-grant from the U.S. Environmental Protection Agency (Clean Water Act Section 319 grant) to the Kentucky Division of Water and the University of Louisville Department of Geography for the Commonwealth Water Education Project

- Facilitated workshops on the impact of land use and development on water quality and mechanisms for adapting land development regulations and planning to protect water quality
- Wrote and disseminated handbook on land use tools to protect water quality, entitled KENTUCKY WET GROWTH TOOLS FOR SUSTAINABLE DEVELOPMENT (co-authors: Craig Anthony (Tony) Arnold, Carol Norton, and Dustin Wallen)
- Integrated material on relationships between land use and watersheds, land use impacts on water quality, low-impact development, watershed planning, land conservation, water supply planning, property rights and takings, and codes and ordinances analysis
- Developed relationships with local officials, community leaders, land development and environmental professionals, civic groups, the Commonwealth Division of Water, the Kentucky Waterways Alliance, and the Kentucky League of Cities
- Sub-grant recipient: Center for Land Use and Environmental Responsibility, as part of the Center's Healthy Watersheds Land Use Initiative, in coordination with the Kentucky Division of Water and the University of Louisville Department of Geography (the primary grant recipient), and in partnership with the University of Louisville Center for Environmental Policy and Management, the City Solutions Center, and the Urban Design Studio

HUD Sustainable Communities Capacity Building Grant: \$400,000 grant to the Center for Environmental Policy and Management from the U.S. Department of Housing and Urban Development and the U.S. Environmental Protection Agency to lead the Water Infrastructure Capacity Building Team

- The Center for Land Use and Environmental Responsibility (i.e., Professor Tony Arnold) was a member of the Water Infrastructure Capacity Building Team
- The Team was one of eight capacity building providers for Sustainable Community Grantees across the nation
- The Team provided assistance on incorporating water infrastructure planning and investments into local and regional planning efforts. The Team's technical assistance offerings helped communities create and implement complete land use development/re-development and transportation plans that take into account water infrastructure, including:
 - water conservation and protection
 - wetland preservation
 - stormwater and wastewater management
 - environmental justice and water
 - sustainable water utility financing
 - coordination with water utilities
 - utility asset management

Community Land Use Assessment for Fair and Healthy Neighborhoods: An Educational-Community Partnership in West Louisville, \$10,000 grant from the Center for Health Equity, Louisville Metro Department of Public Health and Wellness

- Developed community conditions assessment tools
- Taught Central High School students (juniors) about land use, environmental justice, community health conditions and health equity, and geographic information systems
- Worked with Central High School students to engage in analysis of land use and environmental conditions in a West Louisville neighborhood
- Taught Central High School students about land use planning and regulation, including zoning, permits, processes for changing land use policies and regulations, and public participation
- Assisted Central High School students in preparing and making a presentation about community conditions and the potential of planning and regulatory reform
- Grant recipient: Center for Land Use and Environmental Responsibility, as part of the Center's Fair and Healthy Land Use Initiative, the Law School's Partnership with Central High School, and the University's Signature Partnership Initiative with West Louisville

G. PRESENTATIONS, SPEECHES and LECTURES

(* = distinguished lectures and keynote speeches)

- Co-Governance and Resilience Justice*, Ostrom Workshop on Political Theory & Policy Analysis (Indiana University) 7th Workshop on the Workshop (WOW7), June 19-21, 2024 (with Rebecca Wells-Gonzalez)
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, Holy Cross Catholic High School STREAM Program, February 9 & 16, 2024
- Environmental Justice, Resilience Justice, & Watershed Planning*, Loyola Chicago Environmental & Natural Resources Law Scholars Workshop at Starved Rock State Park, October 18-21, 2023
- Environmental Justice, Resilience Justice, & Watershed Planning*, Environmental Law Scholars Online Workshop, October 9, 2023
- Resilience Justice*, Exeter University Environmental Justice Café, October 3, 2023
- Resilience Justice and Community-Based Green and Blue Infrastructure*, Sierra Club, Greater Louisville Chapter, August 15, 2023
- Resilience Justice*, University of Exeter, England (remote), November 23, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, Holy Cross Catholic High School STREAM Program, October 28 & November 4, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, KIPDA (Kentuckiana Regional Planning & Development Agency) Quarterly Meeting, October 5, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, University of Louisville Environmental Justice Field Day, September 9, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, Louisville Metropolitan Sewer District & Parks & Natural Areas Department combined Summer Works, July 15, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, National Wildlife Federation Mississippi River Partners, June 28, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, Louisville Metropolitan Sewer District Gateway Forum, June 23, 2022
- Environmental Justice and Resilience Justice in Urban Watershed Planning: Mill Creek*, Louisville Metropolitan Sewer Field Day (engineering continuing education workshop), May 11, 2022
- Resilience Justice and Urban Water Planning*, Seton Hall Law Review Symposium on Urban Justice, Seton Hall Law School, February 25, 2022
- West End TIF Concerns*, University of Louisville Yearlings Club, December 12, 2021
- From Toxic Communities to Resilience Justice: A 25-Year Journey to Broaden & Deepen the Struggle for Environmental Justice*, Engaging the World: Leading the Conversation on Environmental Justice, Chapman University Wilkinson College of Humanities and Social Sciences, November 5, 2021.

Adaptive Law and Resilience Justice in European Cities, Workshop: Enhancing Urban Climate Resilience: The Role of Law, Tilburg Sustainability Center at Tilburg University, UN HABITAT, and IUCN (World Conservation Union) Academy of Environmental Law, June 24, 2021 (with Tiago de Melo Cartaxo)

Resilience Justice, University of Louisville EcoReps Lunch and Learn Program, March 26, 2021

Resilience Justice, Southern Illinois University Law School Social Justice Seminar, March 3, 2021

Resilience Justice and Co-Governance of Green and Blue Infrastructure, William and Mary Environmental Law and Policy Review online symposium, College of William and Mary School of Law, February 2021

Resilience Justice and Urban Parks, International Webinar on Urban Parks, Urban Futures - A Path Towards Recovery, Equity, Wellbeing, Social Justice, and Resiliency, organized and sponsored by World Urban Parks (co-organizers: National Recreation & Parks Association, Canadian Parks & Recreation Association, IUCN, ICLEI, CBC, WCPA, National Park City Foundation, Salzburg Global Seminar, Nature for All, and Cities With Nature), October 14, 2020

* *From Environmental Injustice to Resilience Justice: The Story of DeWayne and Tanika*, Florida Gulf Coast University Diversity and Inclusion Lecture Series (online), September 30, 2020

Panelist, Delphi University (weeklong program about designing and implementing effective online education, University of Louisville Delphi Center for Teaching and Learning (online), July 21, 2020

Can U.S.A Environmental Law Effectively Address Climate Change?, Climate Change Law online course, School of Law, Nova University of Lisbon, Lisbon, Portugal, June 1, 2020

* *Adaptive Law for Systemic Resilience and Resilience Justice*, Permanent Seminar on the State and Study of Law (SPEED), School of Law, Nova University of Lisbon, Lisbon, Portugal, November 27, 2019

Climate Change and U.S. Environmental Law, Seminar on Environmental Law and Climate Change, Nova University School of Law, Lisbon, Portugal, November 25, 2019

Adaptive Law for Systemic Resilience and Resilience Justice, University of Antwerp Law School, November 20, 2019

* *Adaptive Law Theory*, University of Antwerp Metropolitan Legal Lab Research Workshop on Adaptive City Law in Europe Resolving the Disconnect between Sustainable Cities and the Law, University of Antwerp, Antwerp, Belgium, November 19, 2019

Resilience Justice: The Intersection of Resilience Science, Social Justice, Policy Analysis, and Community Capacities, Symposium Session on Improving Environmental Decision-Making Through Integrated Governance, Public Engagement, and Translational Approaches, Ecological Society of America, Louisville, KY, August 12-16, 2019

Resilience Justice, Summer Works-in-Progress Symposium organized by the University of Colorado School of Law and the Bren School of the Environment at the University of California Santa Barbara, Santa Barbara, CA, August 8-9, 2019

Resilience Justice, Panel on Criminal Justice Reform and Community Development, Kentucky Bar Association Annual Meeting, Louisville, KY, June 12, 2019

Resilience Justice: The Role of Green and Blue Infrastructure, Conference: The Olmsted Effect: Shaping the Future through Landscapes, organized by the American Society of Landscape Architects, the Olmsted Parks Conservancy, and the National Association for Olmsted Parks, Louisville, KY, April 11-13, 2019

Resilience Justice, Online Workshop for Environmental Law Scholarship, February 28, 2019

Resilience Justice, University of Louisville Sustainability Scholars Roundtable, October 12, 2018

Parkland Neighborhood Resilience Assessment, West Jefferson County Community Task Force, Louisville, KY, August 21, 2018

Planning Justice in the U.S.: Strategies for Progress, National Environmental Justice Conference, Washington, DC, April 27, 2018

Planning Justice in the U.S. and Louisville: Strategies for Progress, Louisville Bar Association and Journal of Animal and Environmental Law Symposium, Louisville, KY, April 13, 2018

From Land Use Injustice to Environmental Injustice to Resilience Injustice, Buchanan v. Warley Symposium on Racial Justice in Zoning: 100 Years after Buchanan, University of Louisville Brandeis School of Law, November 10, 2017

Webs of Interests in Green Infrastructure: The Emergence of Hybrid Institutions for Resilience, Brigham-Kanner Property Rights Conference, William & Mary Law School, Williamsburg, VA, October 13, 2017

Resilience Justice and Public-Private Partnerships with Community-Based Organizations for Green and Blue Infrastructure, Green Economy Symposium, University of Missouri at Kansas City, Kansas City, MO, October 6, 2017

Arnold, Ernstberger, and Schuhmann, *How Resilient and Just is Your Water Plan? The Resilience Justice Policy Assessment Tool*, Poster Presentation, Universities Council on Water Resources and Southern Nevada Water Authority WaterSmart Innovations Conference, Las Vegas, NV, October 4-6, 2017

Adaptive Water Governance, Social-Ecological Resilience, and Climate Change, 2016 UCOWR/NIWR Water Resources Conference, Pensacola, FL, June 23, 2016

Diverse Participation in Watershed Governance, 2016 UCOWR/NIWR Water Resources Conference, Pensacola, FL, June 22, 2016

Adaptive Water Planning and Resilience, 2016 UCOWR/NIWR Water Resources Conference, Pensacola, FL, June 21, 2016

Participant, Adaptive Water Governance Workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, May 2-3, 2016

Adaptive Planning and Resilience: An Important Aspect of Adaptive Governance, Second Annual Sustainability Conference of American Legal Educators, Sandra Day O'Connor College of Law, Arizona State University, Tempe, AZ, May 13, 2016

Wet Growth and Resilient Cities, 2016 Stegner Symposium on "Green Infrastructure, Resilient Cities: New Challenges, New Solutions," Wallace Stegner Center, S.J. Quinney College of Law, University of Utah, Salt Lake City, UT, March 31, 2016

Hot Towns, Hot Policies, and Hot Laws: An Introduction to Urban Heat Islands, Panel on Urban Heat Island Effect: Causes, Impacts, and Responses, American Bar Association Webinar, January 15, 2016

Panelist, Opening the Door to the Future of Fair Housing, University of Louisville Anne Braden Institute for Social Justice Research, Metropolitan Housing Coalition, and University of Louisville Brandeis School of Law, Louisville, KY, October 26, 2015

Hot Towns, Hot Policies, and Hot Laws: An Introduction to Urban Heat Islands, Panel on Urban Heat Island Effect: Causes, Impacts, and Responses, American Bar Association Section of State and Local Government Law 2015 Fall Council Meeting, Louisville, KY, October 9, 2015

Boamah and Arnold, *Adaptive Governance for Resilient Urban Watersheds: The Case of the Anacostia Watershed*, Poster Presentation by Emmanuel Frimpong Boamah and Craig Anthony (Tony) Arnold, Universities Council on Water Resources and Southern Nevada Water Authority WaterSmart Innovations Conference, Las Vegas, NV, October 7-9, 2015

Participant, Adaptive Water Governance Workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, June 8-11, 2015 (via video-conference)

Adaptive Water Governance Project: Social-Ecological Resilience, Climate Change, and Adaptive Water Governance, “Redefining Water Challenges” Workshop, Massachusetts Institute of Technology, Cambridge, MA, May 1-2, 2015

Colloquy Panelist, “Governing on the Edge: Cities, Climate Change, and the Polycentric-Global Governance Tension,” Urban Affairs Association Annual Conference, Miami, FL, April 9, 2015

Participant, Health and Environment Roundtable, Health and Harmony Summit, Louisville, KY, March 20, 2015 (participated in roundtable discussion with H.R.H. Charles, Prince of Wales, as well as global, national, and local leaders in health and/or the environment)

Panelist, Authors’ Panel, National Conference of Law Reviews, Louisville, KY, March 13, 2015

Panelist, Property Careers and Curriculum Panel, University of Louisville Brandeis School of Law, Louisville, KY, March 10, 2015

Adaptive Land Use Regulation and Resilient Communities, Association of American Law Schools Annual Conference, Environmental Law Section and State and Local Government Law Section Co-Sponsored Panel on “The Law of Resilient Cities: State and Local Adaptation to Climate Change, Washington, DC, January 3, 2015

* *Investing in Resilient Communities*, Keynote Address, HUD Sustainable Communities Workshop on “Linking Water Infrastructure to Community and Economic Development in Smaller Places,” Wichita, KS, October 28, 2014

* *The War on Poverty (50 Years Later) and Resilient Communities*, Boehl Distinguished Lecture in Land Use Policy, University of Louisville, Louisville, KY, October 14, 2014

Investing in Resilient Cities, IF Nature, Idea Festival, Louisville, KY, October 3, 2014

Participant, Adaptive Water Governance Workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, August 5-7, 2014

Participant, Adaptive Water Governance Workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, May 28-30, 2014

Social-Ecological Resilience and Adaptive Watershed Governance, University of Louisville Department of Biology Seminar Series, Louisville, KY, February 28, 2014

Potential Research Collaboration in Public Health and Law, University of Louisville School of Public Health and Information Sciences Research Incubation Workshop, Louisville, KY, February 25, 2014

Adaptive Water Governance and Social-Ecological Resilience, University of Louisville Sustainable Scholars Roundtable Workshop on Water Resources, Louisville, KY, February 19, 2014

Environmental Law, Episode IV: A New Hope?: Can Environmental Law Adapt for Resilient Communities and Ecosystems?, Keynote Speech, “Environmental Law 4.0: Adaptive and Resilient,” JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY LAW Symposium, University of Missouri School of Law, Columbia, MO, February 14, 2014

Adaptive Watershed Planning, Kentucky Division of Water and Kentucky Basin Coordinators, January 15, 2014

Review of Urban Ecosystem Services Literature, Workshop on Ecosystem Services, Urban Planning, and the Law, Nicholas Institute for the Environment, Duke University, December 12, 2013

Participant, Adaptive Water Governance Workshop, National Socio-Environmental Synthesis Center (SESYNC), Annapolis, MD, December 9-10, 2013

Adaptive Water Law, KANSAS LAW REVIEW Symposium, University of Kansas School of Law, Lawrence, KS, November 1, 2013

The Goal of Poly-Resilience and the Evolution of Watershed Institutions, University of Louisville Sustainability Scholars Roundtable, Louisville, KY, November 13, 2013

* *Can Environmental Law Adapt for Resilient Communities and Ecosystems?*, Keynote Speech, “Environmental Law 4.0: Adaptive and Resilient,” JOURNAL OF ENVIRONMENTAL AND SUSTAINABILITY LAW Symposium, University of Missouri School of Law, Columbia, MO, February 14, 2014 (forthcoming)

The Evolution of Watershed Institutions in the United States, Ostrom Workshop in Political Theory and Policy Analysis, University of Indiana, Bloomington, IN, September 16, 2013

Sustainability Scholars Roundtable: Stimulating Transdisciplinary Sustainability Research, AASHE 2013: Resiliency & Adaptation (conference of the Association for the Advancement of Sustainability in Higher Education), Nashville, TN, October 8, 2013

An Ecosystem of Learning: Former Student Feedback and Systems-Thinking about Teaching and Learning, Faculty Workshop Series, University of Louisville Brandeis School of Law, Louisville, KY, August 20, 2013

Participant, Water Law and the Public Interest Workshop, Water and Justice Program, Vermont Law School, South Royalton, VT, June 7, 2013

This Is Who We Are, University Commencement Address (as Trustees Award recipient), University of Louisville, Louisville, KY, May 11, 2013

Watershed Institutions in the U.S.: Emergence and Evolution, Environmental Law Virtual Guest Speaker Series, Mercer Law School, Macon, GA, February 3-10, 2013 (video webcast, PPT, and online discussion)

* *Watershed Institutions in the U.S.: Emergence and Evolution*, Stegner Center Green Bag Lecture, Wallace Stegner Center, University of Utah, Salt Lake City, UT, October 16, 2012

The Emergence and Evolution of Watershed Institutions in the American West: Their Roles in Sustainable Communities, Realizing Sustainable Communities in a Post Recession West Conference, University of Idaho, Boise, ID, October 11-13, 2012

The Emergence of Fourth-Generation Environmental Policy: The Example of Watershed Institutions., Graduate Research Presentation, University of Kansas Political Science Department, October 25, 2012

Three Strategies for Effectively Integrating Water into Sustainable Community Development, Workshop on Incorporating Water Management into the Community Planning Process (workshop for HUD Sustainable Community Grants recipients nationwide) University of Louisville, Louisville, KY, August 16, 2012

Group Discussion Leader, Laws that Affect the Built Environment, Workshop on Climate Change Adaptation: The Impact of Law on Private Sector Adaptation, University of North Carolina – Chapel Hill, Chapel Hill, NC, March 30, 2012
- Resulted in Center for Progressive Reform Briefing Paper No. 1209

Watersheds, Science class, Trinitas Classical School, Grand Rapids, MI, March 16, 2012

The Evolution of Water Institutions in the U.S., Anthropology of Water class, University of Louisville, Louisville, KY, March 8, 2012

Private Rights and Public Interests in Water, Anthropology of Water class, University of Louisville, Louisville, KY, March 6, 2012

Introduction to Negotiation, Presbyterian Church USA (PCUSA) Workshop on Negotiation and Church Conflict, Louisville, KY, February 20, 2012 (co-presenter: Mary Jo Gleason) (day-long series of workshop presentations and training to national audience)

* *Adaptive Watershed Planning and Climate Change*, The Frank and Elvira Jestrab Lecture on Water, University of Montana, Missoula, MT, September 27, 2011

Wet Growth, University of Montana School of Law, Missoula, MT, September 28, 2011

Wet Growth, Environmental & Land Use Law Society Lecture Series, University of Louisville School of Law, October 20, 2011

Kentucky Wet Growth Tools for Sustainable Development, Sierra Club, Louisville, KY, May 17, 2011

Fair and Healthy Land Use: Environmental Justice, Planning, and Sustainable Cities, Sustainable Cities Seminar, Chicago-Kent College of Law, Chicago, IL, April 19, 2011

Sustainable Webs of Interests: Reconceptualizing Property in an Interconnected Environment, Association for Law, Property, and Society (ALPS), Georgetown Law School, Washington, DC, March 5-6, 2010

Symposium Visiting Professor (organizer), Symposium on Climate Change, Water, and Adaptive Law, University of Houston Law Center and the *Environmental & Energy Law & Policy Journal*, Houston, TX, February 26, 2010

Adaptive Watershed Planning at the Intersection of Climate Change, Water, Land Use, and Law, Symposium on Climate Change, Water, and Adaptive Law, University of Houston Law Center and the *Environmental & Energy Law & Policy Journal*, Houston, TX, February 26, 2010

Wet Growth, Environmental Summit on a Sustainable Florida, Florida Coastal Law School and Jacksonville University, Jacksonville, FL, November 12, 2009

* *Fourth-Generation Environmental Law: Integrationist and Multimodal*, Distinguished Lecture in Environmental and Land Use Law, Florida State University College of Law, Tallahassee, FL, October 28, 2009

Fourth-Generation Environmental Law: Integrationist and Multimodal, Faculty Workshop. Florida State University College of Law, Tallahassee, FL, October 28, 2009

- Wet Growth*, Guest Lecture, Land Use Law course, Florida State University College of Law, Tallahassee, FL, October 29, 2009
- Clean Water Restoration Act Update*, Water Policy & Economics Conference: 21st Century Water Issues in the Southern States, Southern Region Water Program (a partnership of USDA CREES and Land Grant Colleges and Universities), University of Florida Institute of Food & Agricultural Sciences, Gainesville, FL, October 13, 2009
- * *Sustainable Webs of Interests: Reconceptualizing Property in an Interconnected Environment*, Keynote Speech, New Zealand Center for Environmental Law Conference on Property Rights and Sustainability: The Evolution of Property Rights to Meet Ecological Challenges, University of Auckland, Auckland, NZ, April 16, 2009 (via video-conference)
 - * *Sustainable Webs of Interests: Reconceptualizing Property in an Interconnected Environment*, University of Kansas (Honors and University Scholars Programs, Schools of Law and Architecture & Urban Planning, Departments of Sociology and Environmental Studies, Center for Sustainability), Lawrence, KS, April 18, 2009
- The Lake, the Trust, and the Map: Can Environmental Law Achieve Environmental Conservation?*, Environmental Law Virtual Guest Speaker Series, Mercer Law School, Macon, GA, March 2-7, 2009 (audio webcast, PPT, and online discussion)
- The Complex and Interdependent Relationship Between Land Use and Climate Change: Uni-Dimensional Policy Failure and Multi-Dimensional Policy Functionality*, Climate Policy for the Obama Administration, Symposium at the Washington and Lee University School of Law, Lexington, VA, February 20, 2009
- * *Law and Planning Are Not Enough: Interdisciplinary Research on Environmental Conservation and Discretionary Land Use Decision Making*, PhD Program Colloquium, University of Cincinnati College of Design, Architecture, Art, and Planning, Cincinnati, OH, October 23, 2008
- Discussion Leader, Local Laws Workshop Group, Workshop on Adapting Legal Regimes in the Face of Climate Change, University of North Carolina-Chapel Hill and the Center for Environment, Energy, and Natural Resources at the University of Houston Law Center, University of North Carolina, Chapel Hill, NC, October 18, 2008
- * *The Vitality Principle in Urban Environments for Children and Youth: Environmental Justice Lessons from Parks, Plans, Rivers, and Communities*, Distinguished Lecture, Children, Youth and Environments Center for Research and Design, University of Colorado College of Architecture and Planning, Boulder, CO, October 9, 2008
 - * *Water Privatization Trends in the U.S.: Issues of Human Rights and National Security*, Distinguished Lecture, Human Rights and National Security Law Program, College of William and Mary Marshall-Wythe School of Law, Williamsburg, VA, September 16, 2008
- Private Property Rights & Values: Opportunities for Responsible Development*, Kentucky Growth Readiness Workshop, Harrodsburg, KY, April 7, 2008
- The Mask of Voter: Deindividuation, Discrimination, Deliberation, and Judicial Review of Direct Democracy*, Faculty Workshop, University of Florida Levin College of Law, Gainesville, FL, April 4, 2008
- * *Models of Clean-Water Land Use*, Environmental and Land Use Capstone Colloquium on Land, Water, and Growth, University of Florida Levin College of Law, Gainesville, FL, April 3, 2008

Ecosystem Services, the Structure of the Land Use Regulatory System, and Discretionary Decision Making, Interdisciplinary Roundtable, University of Louisville, Louisville, KY, February 18, 2008

Fair and Healthy Land Use, Diversity Forum on “Here’s to Your Health: Crossing the Desert to Health Equity,” University of Louisville Brandeis School of Law, Louisville, KY, February 5, 2008

Fair & Healthy Land Use: Environmental Justice & Planning, Louisville Bar Association Environmental Law Section CLE Seminar, Louisville, KY, November 13, 2007

Vital Places: Healthy Child-Nature Connections in Plans, Codes, Projects, and Decisions, Panel Presentation for Session on Children, Nature, and Land Use, Symposium on Law, Ethics, and the Life Sciences, University of Louisville, Louisville, KY, October 26, 2007

Organizer, Session on Children, Nature, and Land Use, Symposium on Law, Ethics, and the Life Sciences, University of Louisville, Louisville, KY, October 26, 2007

Overcoming Barriers to Sustainable Redevelopment at Cleanup Sites: Issues of Psychology, Politics, and Justice, The Ohio River Valley Conference on Sustainable Redevelopment, sponsored by the U.S. Environmental Protection Agency, Louisville, KY, October 3, 2007

Planning Committee, The Ohio River Valley Conference on Sustainable Redevelopment, sponsored by the U.S. Environmental Protection Agency, Louisville, KY, October 3, 2007

Panelist, Discussion of *The Unforeseen*, a Sundance Film Festival movie, at a screening in Louisville, KY, August 24, 2007

An Ecology of Environmentalism, Democracy, and Land Use Planning & Regulation, Panel on Democracy, Environmental Law, and Land Use: Conflict or Confluence?, Southeast Association of Law Schools (SEALS), Amelia Island, FL, August 2, 2007

Organizer, Panel on Democracy, Environmental Law, and Land Use: Conflict or Confluence?, Southeast Association of Law Schools (SEALS), Amelia Island, FL, August 2, 2007

* *The Lake, the Trust, and the Map: Can Environmental Law Achieve Environmental Conservation?*, Luncheon Speaker, Phi Beta Kappa Awards Luncheon, Phi Beta Kappa Association of Kentuckiana, Louisville, KY, May 8, 2007

Zoning and Land Use Law for Engineers and Surveyors, Seminar on Kentucky Land Law for Engineers and Surveyors, Lexington, KY, April 27, 2007

* *Fair and Healthy Land Use: Environmental Justice and Planning*, Bettman Symposium Speaker, Correcting Environmental Injustices, American Planning Association 99th National Planning Conference, Philadelphia, PA, April 15, 2007

Organizer and Moderator, Forum on Mountaintop Removal Mining: Law, Environment, and Community, sponsored by the Center for Environmental Law, and co-sponsored by the Law School Diversity Committee (Diversity Forum) and Kentuckians for the Commonwealth, Louis D. Brandeis School of Law, University of Louisville April 10, 2007

Roundtable Discussion on Law, Law School, and the Legal Profession, University of Kansas Honors Program, Lawrence, KS, March 2, 2007

The Mask of Voter: Deindividuation, Discrimination, and Judicial Review of Direct Democracy, University of Kansas School of Law Faculty Workshop, Lawrence, KS, March 2, 2007

* *The Lake, the Trust, and the Map: Can Environmental Law Achieve Environmental Conservation?*, University of Kansas Honors Program, Lawrence, KS, March 1, 2007

Environmental Justice: Local and National Perspectives, Black Law Students' Association Black History Celebration, Louis D. Brandeis School of Law, University of Louisville, February 23, 2007

Land Use and Watersheds: Issues and Tools, Floyd's Fork Watershed Planning Group and Kentucky Waterways Alliance, Louisville, KY, February 23, 2007

* *The People's Land: Justice Brandeis, Environmental Conservation, and Wisdom for Today's Land Use Challenges*, Inaugural Boehl Distinguished Lecture in Land Use Policy, Louis D. Brandeis School of Law, University of Louisville, February 13, 2007

Fair and Smart: Forging the Links Between Environmental Justice and Smart Growth, Smart Growth Summit, Jeffersonville, IN, August 3, 2006

Who Framed Urban Watersheds?: Framing Effects and the "Law" of Sustainable Development, Panel on Viewing Environmental Policy and Law Through the Lens of Sustainable Development: Clarification or Muddle?, Southeast Association of Law Schools (SEALS), Palm Beach, FL, July 22, 2006

The Structure of Land Use Regulation, The Law and Policy of Ecosystem Services, a symposium at Florida State University School of Law, April 7, 2006

Organizer and Speaker, *The Slippery Slope: Water Quality, Urban Runoff, and the Issue of Authority*, a symposium at Chapman University School of Law, January 27, 2006 (sponsored by the Chapman Law Review)

Unexercised Authority to Control Urban Runoff, The Slippery Slope: Water Quality, Urban Runoff, and the Issue of Authority, a symposium at Chapman University School of Law, January 27, 2006 (sponsored by the Chapman Law Review)

Fulfilling the Promise: Integrating Environmental Justice Considerations into Land Use Planning and Regulation, Incorporating Environmental Justice into Land Use Planning, Albany Law School, Albany, NY, December 8, 2005, (organized by the Government Law Center of Albany Law School and the National Academy of Public Administration, with funding from the Ford Foundation)

Fulfilling the Promise: Integrating Environmental Justice Considerations into Land Use Planning and Regulation, Incorporating Environmental Justice into Land Use Planning, American Planning Association, Chicago, IL, November 30, 2005 (organized by the Government Law Center of Albany Law School and the National Academy of Public Administration, with funding from the Ford Foundation and co-sponsorship by the American Planning Association)

Environmental Injustice Floods the National Conscience: Katrina and the Wider, Deeper Problems of Environmental Injustice, Diversity Forum: Katrina and the Cross-Currents of Environmental Justice, Louis D. Brandeis School of Law, University of Louisville, November 7, 2005

Clean-Water Land Use: Connecting Scale and Function, Eastern Water Law Symposium; Integrating Land Use Law and Water Law: The Obstacles and Opportunities, Pace Law School, White Plains, NY, October 22, 2005 (co-sponsored by the Pace Environmental Law Review, the Pace Law School Land Use Law Center, the Government Law Center at Albany Law School, and the New York State Water Resources Institute at Cornell University)

Environmental Conservation and the Arctic National Wildlife Refuge, Forum on Drilling in the Arctic National Wildlife Refuge, Chapman University Law School, Orange, California, Spring 2005 (co-hosted by the American Constitution Society and the Land Resources Society)

* *Working Out an Environmental Ethic: Anniversary Lessons from Mono Lake*, Environmental Law & Policy Lecture, Chicago-Kent College of Law, October 21, 2004; E. George Rudolph Distinguished Visiting Lecture, University of Wyoming College of Law, November 20, 2003

Is Wet Growth Smarter Than Smart Growth?, California Association of Environmental Professionals, Orange County Chapter, October 6, 2004

Panelist, Recent Developments in Landlord-Tenant Law, The Law Professors on Recent Developments in Real Property Law, California State Bar 23rd Annual Real Property Law Retreat, April 24, 2004

The Mask of Voter: Deindividuation, Accountability, and Judicial Review of Direct Democracy, University of California – Davis, School of Law, Faculty Colloquium, February 24, 2003; University of Wyoming Faculty Colloquium (law faculty & psychology faculty), October 14, 2003; University of Wyoming Psychology & Law Lab (graduate student seminar), December 9, 2003

Organizer and Moderator, Wet Growth: Should Water Law Control Land Use?, National conference sponsored by the Center for Land Resources, Chapman University School of Law & the Environmental Law Institute, February 7, 2003

Panel on Religious Land Use Conflicts from a Problem-Solving Perspective (the Religious Land Use & Institutionalized Persons Act), UCLA Land Use Law & Planning Conference, January 31, 2003

Just Zoning? The Emerging Impact of Environmental Justice on Land Use Planning & Regulation, Rocky Mountain Land Use Institute, March 2002

Three Colliding World Views: Is Collaborative Problem-Solving a Possibility for Religious Land Use Conflicts?, presentation for Planning the City of God, a conference sponsored by the Claremont Institute, January 2002

Legal Issues in Drafting Trusts & the Ascertainable Standard, Presentation at Discretionary Distribution MCLE Seminar, First American Trust, June 2001

Organizer & Speaker, The Religious Land Use and Institutionalized Persons Act: A Program for Attorneys Representing Cities & Counties, MCLE Seminar sponsored by the Center for Land Resources, Chapman University School of Law, March 2001

Panel on Faculty Pro Bono Policies, Annual Meeting of the Association of American Law Schools, January 2001

Environmental Justice: What Is It and What Does It Mean for Industry and Development? Presentation to the Environmental Law Section of the Orange County Bar Association, November 2000

Participant, U.S. Department of Transportation Environmental Justice/Title VI Summit, July 17-18, 2000

Respondent to paper on American constitutional law and hermeneutics by Professor Howard Vogel, Conference on Relational Hermeneutics, Chapman University, February 25-26, 2000

The First Amendment and the Life of Faith, Trinity United Presbyterian Church (3 classes), 1999-2000

Organizer & Speaker, The Religious Land Use and Institutionalized Persons Act: A Program for Attorneys Representing Cities & Counties, MCLE Seminar sponsored by the Center for Land Resources, Chapman University School of Law, March 2001

Living a Life of Leadership and Service, University of Kansas Blueprints Leadership Conference, Panel of Former Leffel Award Recipients, February 27, 1999

Introduction and Tribute to the Honorable Deanell Reece Tacha, Inaugural Distinguished Jurist in Residence, Chapman University, February 8, 1999

Environmental Justice and Land Use Regulation, Los Angeles Chamber of Commerce & Los Angeles County Bar Association, Environmental Justice Seminar, November 1998

Moderator, The Future of Land Development in Southern California, Chapman University School of Law, January 1998

Environmental & Natural Resources Regulation of Private Property, Trinity University Political Science Department, Governmental Regulation & Individual Rights, Fall 1994

Wildlife Habitat Protection & Property Rights, Bexar Audubon Society Conference on Property Rights & Takings: An Urban Perspective, April 1995

Microenterprise Development in Immigrant and Refugee Communities, Conference, Lawyers' Committee for Civil Rights Immigrant & Refugee Rights Project, May 1995

An Ethic of Public Service, St. Mary's University, Personal & Academic Development, Fall 1994

San Antonio Bar Association CLE and Section Presentations:

International Environmental Law: Recent Trends & The North America Development Bank, May, June, & October 1994

The Environmental Dangers of Buying, Owning, and Selling Property, June 1993

Recent Developments in Endangered Species Law, August 1992

Policy Formulation & Homeless Legislation, University of Kansas Department of Political Science, Public Policy Analysis, Fall 1988

IV. TEACHING

A. COURSES TAUGHT

Property I & II (or Property)
Water Resources Law & Policy (or Water Law)
Land Use & Planning Law (or Land Use Regulation)
Urban Justice and Policy
Environmental Law
Land and Ecosystem Conservation
Upper-Level Writing and Research
Environmental Justice Practicum
Journal of Animal and Environmental Law
Adaptive Planning and Resilience
Environmental Field Study
Decedents' Estates and Trusts (or Wills and Trusts, or Trusts and Estates)
Real Estate Transactions
Natural Resources Law
Seminar in Biodiversity and Ecosystem Conservation
Title Reports & Insurance
Ecosystems & Legal Problem Solving
Environmental Justice Seminar
Advanced Seminar in Land Development and the Environment
Property Rights Field Research Seminar
Summer Enrichment Program: Property
Mock class on environmental justice, Black Law Students Association/Law School "Law Student for a Day" student recruitment event
Interdisciplinary environmental undergraduate courses (Keck Foundation Grant)
Numerous Ph.D. dissertation committees and independent study/directed research projects
Research Supervisor, Fulbright Research Visit, Tiago de Melo Cartaxo, PhD student in law at Nova University of Lisbon, Portugal, in residence at the University of Louisville, October 1, 2018 to January 31, 2019
PhD Dissertation Co-Supervisor for Tiago de Melo Cartaxo, Candidate for the PhD in Law at Nova University of Lisbon, Portugal, 2018-2020
PhD Dissertation Supervisor for Rebecca Wells-Gonzalez, Candidate for the PhD in Urban and Public Affairs, University of Louisville, 2021-present

B. FEATURES OF TEACHING

Developed and implemented A Humanizing Pedagogy, a set of human-centered, learner-centered, and justice-centered principles and methods of teaching and learning, built on Paulo Freire's *Pedagogy of the Oppressed*

Experiential: problem-solving, cultural competence, planning, negotiation, client counseling, administrative hearings, factual investigation, drafting, policy analysis and reform, interviewing

Interdisciplinary: law, urban planning, public policy, social sciences, environmental sciences, history, systems analysis

Justice-focused: environmental, resilience, social, and racial justice

Community-engaged

Field study

Mentoring of students

Planning Accreditation Board (national accreditation entity for urban planning programs)

selected my Land Use & Planning Law syllabus for national recognition as a best practice in planning education

V. SERVICE

A. SERVICE at the UNIVERSITY of LOUISVILLE

UNIVERSITY

University Graduate Council, 2023-present

University Sustainability Council, 2008-2016

Education and Research Committee, 2008-2022

Chair, Environmental Justice Task Force, 2021-2022

Chair, Sustainability Research Committee, 2011-2015

Created, organize, & implement Sustainability Scholars Roundtable

Created and organize interdisciplinary collaborative workshops

- Water Resources
- Resilient Communities
- Social Justice

Master of Urban Planning Program Strategic Planning and Accreditation Self-Study Committee, 2021-2022

University Selection Committee, University Awards for Service, 2020

Advisory Group, Academic and Research Priorities Committee, 21st Century University Initiative, 2013-2014

Council of Research Deans, 2013-2014

Organized interdisciplinary research collaboration planning

Internal Advisory Board, Logistics and Distribution Institute, 2007-2009, 2014-2015

Phi Beta Kappa Speakers Committee, 2010-2013

Faculty Liaison (from Law School), University Signature Partnership Initiative, 2006-2009

Advisory Board, Center for Real Estate Studies, 2008-2009

University Selection Committee, Awards for Outstanding Scholarship, Research, and Creative Activity, 2008, 2009, 2015

Director of the Resilience Justice Project (formerly the Center for Land Use and Environmental Responsibility)

Faculty Associate, Center for Environmental Policy and Management (past)

Proponent of and Co-Advisor to the Juris Doctor-Master of Urban Planning dual degree program

Creator and Organizer of Boehl Distinguished Lecture Series in Land Use Policy

Lead organizer of a major symposium on the centennial of *Buchanan v. Warley*, November 10, 2017 (SCOTUS racial zoning case arising out of Louisville)

Organizer of speaker event for students and faculty in several different units, featuring Richard Rothstein, author of *THE COLOR OF LAW*, February 12, 2018

Environmental justice advisor to the Community Engagement Core of the NIH-funded University of Louisville Center for Integrative Environmental Health Sciences (CIEHS)

LAW SCHOOL

Academic Standards Committee, 2023-2024

Faculty Co-Advisor, *Journal of Animal and Environmental Law* (JAEL), 2009-2012, 2022-2024

Personnel Committee, 2005-present

Faculty Advisor, JD-MUP Dual Degree Program in Law & Urban Planning, 2010-present
 Founder & Organizer, Brandeis Hiking Club, 2018-present
 Flexner Chair Selection Advisory Committee, 2011-2012, 2023-2024
 Associate Dean for Curriculum and Scheduling, 2019-2020
 Curriculum Committee
 Chair, 2010-2011
 Member, 2015, 2020-2021
 Co-Chair, 2019-2020
 Sustainability Committee
 Chair, 2014-2016
 Co-Chair, 2017
 Member, 2019-2020
 Associate Dean for Research and Faculty Development, 2013-2014
 Associate Dean for Academic Affairs and Faculty Development, 2010-2011
 Strategic Planning Committee
 Co-Chair, 2013-2014
 Member, 2010-2011, 2015-2016
 Co-Chair, Law School Dean Search Committee, 2006
 Chair, Faculty Appointments/Recruitment Committee, 2011-2012
 Admissions Committee, 2017-2018
 Chair, 2017-2018
 Faculty Excellence Committee,
 Chair, 2007-2009
 Member, 2010-2012, 2014-2015
 Dean's Advisory Committee, 2007-2009, 2017-2019
 Library Committee, 2019
 Library Personnel Committee, 2014-2016, Spring 2017
 Diversity Committee, 2005-2008
 Student Welfare Committee, 2005-2008
 Clerkship Committee, 2008-2009
 Alternate, Probation and Reinstatement Committee, Law School, 2005-2006
 Faculty Advisor, Appalachian Law Caucus, 2019-2021
 Faculty Advisor, Environmental Law and Land Use Society, 2007-2012, 2013-2016
 Faculty Advisor, Christian Law Society, 2008-2012, 2017-2020
 Co-coach, ABA Negotiation Competition Teams, 2010-2016
 Organizer and Regional Administrator, ABA Regional Negotiation Competition, 2013
 Co-coach, Environmental Competition Team, 2010-2011
 Faculty Leader, Orientation Service Day at Operation Brightside (2011), Olmstead Conservancy
 (2013), Law School Courtyards (2015)
 Co-leader of Law School Courtyards Revitalization Project, 2010-2017
 Co-founder, Equitable SERVEitudes sand volleyball team, 2018-2020

B. SERVICE at CHAPMAN UNIVERSITY SCHOOL OF LAW

Creator: Emphasis Program in Environmental, Land Use, and Real Estate Law
 Law School Committees: Admissions (Chair, 2004-2005)

Rank & Tenure (Chair, 2002-2003; Member, 2004-2005)
 Curriculum (Chair, 2000-2002, Spring 2004; Member, 1999-2000)
 Academic Standards (Member, 2001-2002)
 Honor Council (Member, 2001-2002)
 Faculty Appointments (Chair, 1998-99; Member, 1996-1998)
 Judicial Clerkship (Chair, 1998-2001; Member, 1997-1998, Spring 2004)
 Library (Chair, 1997-2000; Member, 1996-1997)
 Pro Bono (Chair, 1997-1999)
 Long Range Planning (Member, 2000-2001)
 Career Services Advisory Board (Member, 1999-2000)
 Academic Support (Member, 1996-1998)
 Teaching Effectiveness & Scholarship (Member, 1997-1998)
 Space Planning (Member, Spring 2004)
 University Committees: Budget (Member, 2000-2001)
 Truman Scholarship Nomination (Member, 1997-2001)
 Faculty Advisor: Land Resources Society (and predecessors), 1996-2005
 La Raza Latino Law Students Association, 2003-2005
 Coach: Negotiations Teams
 ABA Negotiation Competition), 1999-2001
 California Bar Association Environmental Negotiation
 Competition
 Supervisor: Faculty Support Staff, Spring 2001
 Development: Wrote faculty-driven law library collection development plan receiving
 \$1.5 million gift from the Darling Foundation
 Organized Wet Growth Conference, a national conference on the
 integration of land use, water use, and water quality controls with
 over \$20,000 in law firm or corporate sponsorships and registration
 fees, over 200 participants on-site and via live web broadcast,
 presentations by 9 nationally renowned scholars and 10
 lawyers/professionals, and a published book of conference papers
 Participated in interdisciplinary initiative for undergraduate education in
 environmental science and problem-solving, which received
 substantial grant from the Keck Foundation

C. GOVERNMENT SERVICE

Informal advisor to the Racial Equity Review and Reform of the Louisville Metro Land
 Development Code, Louisville Metro Government, 2020-2022
 Advisory Working Group, Beargrass Creek Watershed Planning and Restoration, Metropolitan
 Sewer District and U.S. Army Corps of Engineers
 Co-designed and co-facilitated Georgetown-Scott County (KY) Comprehensive Plan Update
 Scenario Planning Workshop (collaborative and participatory), including designing and
 overseeing systematic analysis of transcribed participant comments for major themes and
 perspectives (using NVivo qualitative data software) and co-authoring a report
 summarizing emergent ideas and patterns, Spring 2016

Kentucky Water Resources Committee on Research and Policy, 2014-2020
Louisville Metro Climate Change Committee, 2007-2009, Co-Chair, Subcommittee on Land Use, Transportation, and Urban Forestry
Louisville Metro Fine Particulate Matter Air Quality Task Force, 2007
City of Anaheim Planning Commission, 1999-2002: Chairman, 2001-2002
City of Anaheim General Plan Advisory Committee, 2000-2004
Judicial Law Clerk, The Honorable James K. Logan, Tenth Circuit U.S. Court of Appeals, 1990-1991
City Attorney, City of Hondo, Texas, 1993-1995
City Attorney, City of Shavano Park, Texas, 1994
Land Use Law Intern, Boston Redevelopment Authority, 1988
Congressional Intern, Honorable James Slattery, U.S. House of Representatives, Washington, DC, 1986
District Intern, Honorable Dan Glickman, U.S. House of Representatives, Wichita, KS, 1984

D. COMMUNITY SERVICE
(Some duplication with Government Service)

LOUISVILLE, 2005 – PRESENT

Resilience Justice Project
(formerly the Center for Land Use and Environmental Responsibility)
Providing resilience justice assessments of public policies or programs for government agencies, non-profit organizations, and community-based groups
Advisory Board, The Rapidan Institute, Rapidan, Virginia, 2020-2021
Informal information and assistance provided to various community-based groups, environmental groups, social-justice organizations, planning entities, and government agencies about environmental justice, land use justice, and resilience justice
Advisory Working Group, Beargrass Creek Watershed Planning and Restoration, Metropolitan Sewer District and U.S. Army Corps of Engineers, 2020-2021
The Nature Conservancy of Kentucky
Board of Trustees, 2013-2017
Vice-Chair
Board Liaison to Green River and Davis Bend Preserve Project
The City Project National Advisory Council, 2014-2020
Major urban civil rights organization based in Los Angeles, CA
Earth Keepers 360, Core Team, 2018-present
National organization of faith leaders concerned about environmental issues
Co-designed and co-facilitated Georgetown-Scott County (KY) Comprehensive Plan Update Scenario Planning Workshop (collaborative and participatory), including designing and overseeing systematic analysis of transcribed participant comments for major themes and perspectives (using NVivo qualitative data software) and co-authoring a report summarizing emergent ideas and patterns, Spring 2016
Kentucky Water Resources Committee on Research and Policy, 2014-2017
River Fields (environmental land conservation trust)
Board of Trustees, 2008-2009

Governance Committee; Marketing and Education Committee
 Habitat for Humanity of Metro Louisville, 2006-2009
 Board of Directors, 2007-2008
 Site Selection and Acquisition Committee, 2006-2008
 Lake Louisville Ad Hoc Committee, 2006-2007
 Coordinator, Historic Land Use Research Team, 2006-2009, 2010-2012
 Approved public service project of Brandeis Law School Greenbaum Public
 Service Program
 Board of Directors, West Jefferson County Community Task Force (community-based
 environmental justice organization), 2006-2008
 Louisville Metro Climate Change Task Force, 2007-2009
 Co-Chair, Subcommittee on Land Use, Transportation, and Urban Forestry
 Louisville Metro Fine Particulate Matter Air Quality Task Force, 2007
 Advisory Board, College of Liberal Arts and Sciences, University of Kansas, 2007-2014
 Chair, 2011-2014
 First Presbyterian Church of Santa Fe, New Mexico, 2020-present
 Adult education speaker (including classes on environmental justice and faith)
 Leader of Morning Prayer Service
 John Knox Presbyterian Church, 2014-2020
 Liturgist
 Adult Education Teacher
 Communion Server
 Pollinator Garden Project
 Redeemer Lutheran Church, 2010-2014
 Deacon, 2011-2013
 Lay Reader, 2011-2013
 Teacher, Christian Growth Fellowship classes, 2010-2013
 Chair/Moderator, Congregational Discernment Process, 2011-2012
 Pastoral Call Committee, 2012-2013
 Food Pantry Ministry, 2008-2014
 Project Compassion, 2011-2014
 Fresh Stops (locally grown healthy foods; food justice), 2011-2013
 Park Hill Corridor Brownfields Group (Re-Defining Brownfields Initiative), 2005-2006
 Environmental Issues Planning Group, Festival of Faiths, Louisville, 2006
 Liturgist, Our Savior Lutheran Church, 2006-2009
 Honorary Board, Passionist Earth and Spirit Center, 2008-2018

ORANGE COUNTY, 1996-2005

City of Anaheim Planning Commission, 1999-2002
 Chairman, 2001-2002
 City of Anaheim General Plan Advisory Committee, 2000-2004
 Lector, Immanuel Evangelical Lutheran Church, Orange, CA, 2004-2005
 Elder (ordained officer), Member of Session, Trinity United Presbyterian Church, 2001-2003
 Worship Ministry Team, Trinity United Presbyterian Church, 1999-2003 (Chair, 2002-2003)
 Theological Task Force, Trinity United Presbyterian Church, 2001

Advisory Board, Careers in Law Program, North Orange County Regional Occupational Program, 1998-1999
Co-Teacher & Leader, Builders Class, Trinity United Presbyterian Church, 1998-1999
Deacon (ordained officer), Irvine Presbyterian Church, 1997-1998
Volunteer Leader, Club 56, Irvine Presbyterian Church (program for 5th & 6th grade children), 1996-1997
Class Correspondent, Stanford Law School Class of 1990, 1995-2000
Advisory Board, Raymond Nichols League of Former Student Leaders, University of Kansas, 1999-2001

LOS ALTOS, CA, 1995-1996

Volunteer Youth Leader, High School Programs, Union Presbyterian Church

SAN ANTONIO, TX, 1991-1995

Board of Directors, Immigrant & Refugee Rights Project, Lawyers' Committee for Civil Rights Chair, Pro Bono Subcommittee
Vice-President, Board of Directors, & General Counsel, Federación EcuMénica de Fe y Acción Microenterprise loan fund & microenterprise development among low-income communities
Advisory Board, Good Samaritan Center (serving low-income Hispanic community & youth gangs)
Pro Bono College, State Bar of Texas (exceptional *pro bono* commitment)
Vice-President, San Antonio Bar Association Environmental Section
First Presbyterian Church
Deacon (ordained officer)
Church Strategic Planning Committee; Prayer Ministry Task Force
Worship Leader, Fourth Service; Fourth Service Worship Committee
Chairman, Young Adult Fellowship; Co-Leader, College Bible Study
Co-Leader, Spring Border Mission Trip, Proyecto Amistad, Piedras Negras, Mexico (1995)
Co-Leader, Fall College Mission Trip, Proyecto Amistad, Piedras Negras, Mexico (1994)
Work/Mission Trips to Nakuru, Kenya & Nuevo Laredo, Mexico
Alazan-Apache Courts Housing Project (San Antonio): work project; children's ministry
Founding Member, University of Kansas Political Science Department Alumni Committee
Willie Velásquez Book Fund Committee
Campaign Committee, Ramiro Cavazos for City Council, District 7
Judge, St. Mary's Law School Walker Moot Court Competition & First Year Moot Court Competition

E. SERVICE AS A STUDENT

STANFORD LAW SCHOOL, 1987-1990

Co-Founder & Executive Editor, *Stanford Law & Policy Review*
Co-Chair, Christian Legal Society

Organizer, Habitat for Humanity Build-a-thon
East Palo Alto Community Law Project & Centro Bilingue: compiled community services guide
Stanford Latino Law Students' Association East Palo Alto Tax Clinic

UNIVERSITY OF KANSAS, 1983-1987

Search Committee, Vice-Chancellor of Academic Affairs
Chairman, Student Senate Executive Committee
Chair and Organizer, Jefferson Bicentennial Meeting on the Constitution
President, Pearson Scholarship Hall
Chair and Founder, Undergraduate Academic Advisory Board
Chair and Founder, Honors Hosts Program
Co-President, Mortar Board Honor Society
University Council
University Libraries Committee
Student Recruitment Program Review Committee
Board of Directors, Legal Services for Students
Chancellor's Distinguished Teaching Awards Committee
Chancellor's Honors Scholarship Committee
Teacher, First United Methodist College Sunday School Class
Volunteer: Special Olympics
Volunteer, REACH program
Literacy Volunteers

VI. MEMBERSHIPS, LICENSES, and TRAINING

A. ACADEMIC AND PROFESSIONAL MEMBERSHIPS (most now inactive due to budget constraints)

American Bar Association (ABA) (including various sections)
Association of American Law Schools (AALS) (including various sections)
 Pro Bono Awards Subcommittee, 2001-02
American Planning Association (APA) (including various divisions)
 Smith-Babcock-Williams Student Writing Competition Panel of Judges, 2007, 2008
Southeast Association of Law Schools (SEALS)
 Program Committee, 2006-2010
Association for Law, Property, and Society (ALPS)
Universities Council on Water Resources (UCOWR)
 Lead Delegate from the University of Louisville
Law & Society Association (LSA)
 Awards Committee for Best Graduate and Undergraduate Papers, 2010-2011
Urban Affairs Association (UAA)
American Water Resources Association (AWRA)

B. BAR ADMISSIONS

Texas, 1992
Missouri, 1990
5th Circuit U.S. Circuit Court of Appeals, 1993
10th Circuit U.S. Circuit Court of Appeals, 1990
Western District of Texas, 1992

C. TRAINING

ICPSR Summer Workshop: Introduction to Network Analysis: Study Design and Methods,
Indiana University Bloomington, July 25-29, 2016
 Intensive weeklong workshop on research design and methods for social network
 analysis
Delphi University, University of Louisville, Louisville, KY, June 2015
 Intensive weeklong workshop on online course development and design, student learning
 outcomes, and assessment
Human Subject Research Training (Social & Behavioral Sciences)
 Online and periodic
Research Conflict of Interesting Training
 Online and periodic
AALS professional development programs on teaching, research, and administration
 Many and various over my career
 Institute for Law School Teaching programs, as well

VII. MEDIA FEATURES

- Quoted extensively in article on environmental-justice land-use lawsuit in Louisiana's Cancer Alley, published in *Inside Climate News*
- “‘Nothing Like This in the Country’: ‘Enormous’ West End TIF district would be Kentucky's largest,” by Marcus Green, WDRB, June 23, 2022: quoted
- Arnold's water privatization research and publications expressly discussed in Huffington Post article “Elizabeth Warren's Climate Justice Plan Aims To Keep Water Public, Study Pollution,” October 9, 2019
- Arnold's water privatization research and publications expressly discussed in wateronline.com article “Elizabeth Warren Joins Bernie Sanders In Opposition To Water Privatization,” October 22, 2019
- “Law lecture to address federal lands conflicts,” by James Bruggers, *Louisville Courier-Journal*, February 15, 2016: quoted about Boehl Distinguished Lecture in Land Use Policy
- “Bluegrass Pipeline loss big win for landowners” by James Bruggers, *Louisville Courier-Journal*, February 12, 2016:: quoted extensively on implications of eminent domain case favoring local landowners over out-of-state pipeline company
- Featured Expert Interview, “2015's Best & Worst Large Cities to Live in: Ask the Experts,” *WalletHub*, August 10, 2015
- Featured Interviewee, “Water Policy: Are We Running Out of Water?” Matt Townsend Show, BYU Radio, July 2, 2015 & July 4, 2015
- “MSD in the community: U of L students gain insight from MSD personnel” *StreamLine*, June 2015: quoted in local agency news publication about water resources field study seminar
- “There Are No Urban Design Courses on Race and Justice, So We Made Our Own Syllabus” by Brentin Mock, *The Atlantic CityLab*, May 14, 2015 (my *Fair and Healthy Land Use* book was listed 2nd in the list of publications selected by African American students at the Harvard University Graduate School of Design in developing a course syllabus and reading list for issues of race and justice in urban design)
- “How the Fastest-Warming City in the Country Is Cooling Off” by Erica Peterson, *Politico Magazine*, December 9, 2014: quoted on the effect of land use planning and regulation on urban heat islands and urban trees)
- Interviewed for “Do Something” feature on people who are making a difference for the Law School Courtyards Renovation Project at the University of Louisville Brandeis School of Law, WHAS 11 News, July 7, 2014
- Profile of the Center for Land Use and Environmental Responsibility in *Interdisciplinary Environmental and Sustainability Education and Research: Institutes and Centers at Research Universities*, National Council for Science and the Environment, 2014
- “Resilient Cities,” Building a Greener Idaho, *Idaho Public Radio*, April 1, 2014: Interview Conversation among resilience and law scholars Tony Arnold, Barbara Cosens, and Stephen Miller
- “Resilient Cities: A Conversation with Tony Arnold and Barbara Cosens” YouTube Video of Interview Conversation among resilience and law scholars Tony Arnold, Barbara Cosens, and Stephen Miller, for Idaho Public Radio (also posted on Land Use Prof Blog), March 26, 2014
- “From Liberal Arts to Law – Tony Arnold,” *Learning Without Boundaries*, University of Kansas College of Liberal Arts and Sciences, October 25, 2013

“What Businesses Need to Know about Environmental Responsibility,” *Business First*, October 11, 2013: Invited guest comment in Green Businesses edition of Louisville-region business journal

“Towns Try to Take Back Water Systems,” by William Harless, *Wall Street Journal*, August 19, 2013: Quoted on water privatization trends

“Ojai Voters to Decide Whether to Buy Out Private Water Company,” by Chris Richard, *California Report* (broadcast on California Public Radio) and KQED NewsFix, August 27, 2013: Quoted on water privatization trends

Quoted in Associate Press news article about faculty reaction to the University of Louisville’s acceptance into the ACC athletic conference and its impact on academics; article appeared in numerous media outlets, including the *San Francisco Chronicle*, the *Lexington Herald-Leader*, the *Durham Herald-Sun*, the *Syracuse Post-Standard*, the *Houston Chronicle*, the *Brownsville Herald*, and many others, November 28-29, 2012

Featured on a news profile on The Nature Conservancy website as a new Trustee, Fall 2012

“Giving Up Rights?” by James Bruggers, *Louisville Courier-Journal*, March 10, 2012: Quoted several times throughout front-page article about avigation easements

“Guardians of the Environment,” WBKI, April 27, 2012: local WB TV station video feature profiling Tony Arnold as a Guardian of the Environment for the work that he and his students have done on addressing urban tree canopy needs in the Louisville region

“Tony Arnold Does Everything He Wants,” *KU Honors Program News*, March 2012: Featured KU Honors Program alumnus

“A Growing Problem” by James Bruggers, *Louisville Courier-Journal*, October 28, 2011: Discussion of urban tree canopy plan produced by students in Tony Arnold’s Land Use & Planning Law class, including plan’s recommendations for urban tree policies and a quote

“Adaptive Watershed Planning and Climate Change,” Montana Evening Edition Interview with Tony Arnold, Montana Public Radio News, September 27, 2011

“Lunch With . . . Tony Arnold” *Louisville Courier-Journal*, April 11, 2008: Half-page newspaper interview feature with selected people of interest to the community (one per week); Arnold’s feature was on why land conservation and land health should matter to all of us, and various aspects of land conservation

“Fluid Values: Battles Over Water Rights” by Matt Jenkins, *Orion Magazine*, October 2007: Arnold and Jewell article discussed extensively and recommended by Jenkins for die-hard readers interested in the Mono Lake case and its history

“Zeon Case Could Limit Rights” by James Bruggers, *Louisville Courier-Journal*, September 20, 2007: Quoted on settlement agreement of environmental lawsuit between Zeon and West Louisville residents

News Feature on Habitat for Humanity TeamBuild with University of Louisville Brandeis School of Law Students, Staff, and Faculty, WLKY evening news, August 25, 2007 (interviewed)

Louisville Courier-Journal website news, *Louisville Business Journal*, *Business First*, and several other electronic or Internet media features on the launching of the Boehl Distinguished Lecture Series in Land Use Policy, February 2007, and several subsequent features about scheduled Boehl Lectures

“Champion of the Environment” by Craig Anthony (Tony) Arnold, *Louisville Courier-Journal*, November 12, 2006, at H1 & H3: Forum feature on the ideas of Louis D. Brandeis on land use and environmental conservation, as part of a Brandeis Sesquicentennial focus

“U of L Professor Warns About Dangers of Pesticides in Kentucky Waterways” by Matt Thacker, *The Voice-Tribune*, June 8, 2006, at A-2, A-3: Article discussing my research on land use and watersheds

“Watershed Moment” by Todd Wetzel, *IMPACT*, Winter 2006, and various Internet and blog versions: Article discussing my research on land use and watersheds

“Residents, City Await Toxic-Air Decisions” by James Bruggers, *Louisville Courier-Journal*, March 9, 2006: Quoted on impact of proposed bill requiring city council approval of every new air-pollution regulation

“Wal-Mart on Ballot in Inglewood” by Andrew Galvin, *Orange County Register*, April 6, 2004, at B1, B4: Quoted on legality of Wal-Mart land use initiative on ballot in Inglewood

Interviewed on City of Cypress taking of Cottonwood Christian Center’s land (issues of religious freedom, takings, referendum law, and redevelopment agency powers): *Orange County Register*, KFWB Radio News, and Adelphia Cable Television News Show, July and August 2002

Quoted in numerous articles about the Anaheim Planning Commission, *Orange County Register*, 1999-2002

“Why California Hasn’t Built More Power Plants”: Featured Guest, Life & Times News Program, KCET TV (public television), January 27, 2001

“Courts and Elections”: Featured Guest, Prime Story, OCN TV (local news station), December 15, 2000

“Measure F Ruled Unconstitutional (Constitutionality of County Land Use Initiative Concerning Use of El Toro Marine Air Base as a Commercial Airport)”: Featured Guest, Prime Story, OCN TV (local news station), December 1, 2000

“Government and Religious Speech”: Featured Guest, Michael Reagan Talk Show, syndicated to 220 radio stations nationwide, April 26, 2000

“Economy v. Ecology”: Featured Guest, Economic Journal with Jim Doti, KOCE TV, November 13, 1999

“Zoning Laws and Religious Freedom”: Featured Guest, Talk of the City, KPCC-FM Radio, August 31, 1999

“When Regulations and Religious Freedom Collide” by Michael Luo, *Los Angeles Times*, August 29, 1999, at B1: Quoted on trends in conflicts between land use regulation and religious uses

“Where Herds Once Roamed Will Become Home For Thousands” by Jim Radcliffe, *Orange County Register*, July 25, 1999, at A06: Quoted on impact of development

“Leffel Award Winners Gather to Celebrate Legacy of Student Leadership,” *Kansas Alumni Magazine*, March 1999, at 11: Quoted on student leadership

“It’s Academic: Teaching Offers a Rich and Varied Work Environment” by Joel Cone, *Orange County Reporter*, April 29, 1998, at 6: Featured in article on law professors

“Newport Beach Homeowners Association Seeks to Keep Out Sexual Offenders”: Interviewed about property law, CC&Rs, and civil rights laws, OCN TV, January 29, 1998

“Rev. Drake Convicted in Zoning Case” by Thao Hua and Lesley Wright, *Los Angeles Times*, July 29, 1997, at A1: Quoted on trends in conflicts between local regulation and religious activities

“Government v. Religion: Which is the Higher Power?” by Craig Anthony (Tony) Arnold,
Editorial, *Los Angeles Times* (March 2, 1997)