SPEA2017-18:

An inventory of scholarship at the School of Public and Environmental Affairs at Indiana University Bloomington
Advancing Knowledge and Preparing Leaders for the Greater Good

This report, the fourth in our annual series, highlights our scholarship and research and profiles SPEA’s faculty.

**SPEA Today**
Indiana University Bloomington’s School of Public and Environmental Affairs (SPEA) is one of the largest schools of its kind. Founded in 1972, SPEA is a world leader in public and environmental affairs and is consistently ranked in the top tier of graduate schools of public affairs. With more than 90 full-time and more than 100 part-time faculty members, SPEA provides international scope, influential research, and focused opportunities for students to pair a comprehensive foundation of knowledge with hands-on experience in the field.

**Comprehensive Degree Offerings**
Now in its fifth decade, SPEA has grown to offer undergraduate and graduate degree programs spanning public affairs, public policy, environmental science, arts management, and healthcare management and policy. Its expertise and coursework now include international development, civic engagement, and sustainability studies.

**Undergraduate Degrees**
- Public Affairs (BSPA)
- Environmental Science (BSES)
- Environmental & Sustainability Studies (BAESS)
- Healthcare Management & Policy (BSHMP)
- Arts Management (BSAM)

**Master’s Degrees**
- Public Affairs (MPA)
- SPEA Connect Online MPA & Certificate Programs
- Environmental Science (MSES)
- Public Affairs-Environmental Science Dual Degree (MPA-MSES)
- Environmental Sustainability (MES)
- Arts Administration (MAAA)
- Healthcare Management (MSHM)
- Public Affairs-Arts Administration Dual Degree (MPA-MAAA)
- Accelerated Masters Program
- Additional Dual Degrees
- Certificates

**Doctoral Degrees**
- Public Affairs (Ph.D. PA)
- Environmental Science (Ph.D. ES)

SPEA's new Paul H. O'Neill Graduate Center, completed in 2017. >
Rajendra Abhyankar is a professor of practice of diplomacy and public affairs. He is the former Indian ambassador to the European Union, Belgium, and Luxembourg as well as Turkey, Azerbaijan, and Syria. He was also the deputy chief of India’s mission to Iraq. His book *Indian Diplomacy: Beyond Strategic Autonomy* will be published by Oxford University Press shortly. He has six other books to his credit. Publications worldwide seek his expertise on international relations and India. His op-eds have appeared in American and Indian newspapers including *The New York Times, Wall Street Journal, Hindustan Times, Indian Express, Eurasia Review, Gateway House, Asian Survey,* and *Huffington Post.*


Dr. Robert Agranoff is a professor emeritus and one of the longest-serving members of SPEA’s faculty, having been with the school for more than 30 years. He is an expert in intergovernmental management, federalism, and network collaboration. With Michael McGuire and another, he co-authored the chapter “Collaborative Public Management” in *Foundations of Public Administration.* His latest book is *Crossing Boundaries for Intergovernmental Management.*

Dr. Alexander Alexeev is a lecturer with research interests in quantitative policy analysis, risk and security modelling, benefit-cost analysis, and environmental economics.

Dr. Shahzeen Attari focuses on perceptions and biases that shape people’s decisions about resource use and climate change. In the 2017-18 academic year, she is serving as a fellow at the Center for Advanced Study in the Behavioral Sciences (CASBS) at Stanford University, a world-leading incubator designed to bring together deep thinkers from diverse disciplines to confront critical issues of our time. Most recently, she co-authored “Energy Conservation Goals: What People Adopt, What They Recommend, and Why” and “Perceptions of Water Systems,” both in Judgment and Decision Making, along with “Statements about climate researchers’ carbon footprints affect their credibility and the impact of their advice” in Climatic Change. In 2017, she was awarded a National Science Foundation grant to understand and correct misperceptions of energy use. She also received IU’s Outstanding Junior Faculty Award, which celebrates tenure-track faculty working on nationally recognized research programs. She won the Andrew Carnegie Fellowship in 2018.

Distinguished Professor Dr. David B. Audretsch is the Ameritech Chair of Economic Development, director of the Institute for Development Strategies, and director of the SPEA International Office. He is an honorary professor of industrial economics and entrepreneurship at the WHU-Otto Beisheim School of Management in Germany and a research fellow of the Centre for Economic Policy Research in London. He wrote “Entrepreneurship and Universities” in International Journal of Entrepreneurship and Small Business, and, a prolific co-author, he contributed to 14 other journal articles and six books including “The Strategic Management of Places and Regional Competitiveness” in Handbook of Regions and Competitiveness and “The Knowledge Spillover Theory of Entrepreneurship and the Strategic Management of Places” in The Wiley Handbook of Entrepreneurship.

Dr. Claudia N. Avellaneda, chair of the Governance and Management Faculty Group, specializes in governance, public management, and local governments in Latin America. She authored “The Delegation of Municipal Spending in Honduras: Does Decision Context Matter?” and co-authored “Explaining Expansion of Brazilian Municipal Revenues: Politics or Managerial Competency” in the book she co-edited, Comparative Public Management: Why National, Environmental, and Organizational Context Matter (Georgetown University Press). She co-authored the chapter “Performance Management and Public Administration” in the Oxford Research Encyclopedia of Politics. She co-authored “Identifying the Macro-Level Drivers of Adolescent Fertility Rate in Latin America: The Role of School-Based Sexuality Education” in the American Journal of Sexuality Education and “Mayoral Quality and Municipal Performance in Brazilian Local Governments” in Organizações & Sociedade. She organized and directed the first Leadership Executive Advanced Program (LEAP) for 20 Brazilian public managers.
Dr. **Matthew Baggetta** is an expert on civil society and voluntary associations. With Brad Fulton, he received a research grant from the Corporation for National and Community Service (CNCS) for a study entitled "What Happens in Civil Society Organizations?: The Effects of Internal Dynamics on Organizational Outcomes." He serves on the board of directors of the Melos Institute, a think-tank focused on nonprofit member-based organizations and authored a featured essay at *Mobilizing Ideas*, "‘Leader’ Should be Plural."

Professor Emeritus Dr. **Randall Baker** is an international expert on historical perspectives in the analysis of contemporary environmental policy and problems. He is a Distinguished Professor at New Bulgarian University in Sofia, Bulgaria.

**A. James Barnes,** J.D., is an expert in environmental law and policy. He is a former SPEA dean and was instrumental in the formation of the U.S. Environmental Protection Agency in 1970 and later served as its General Counsel and its Deputy Administrator. He is the co-author of *Business Law: The Ethical, Global and E-Commerce Environment* (17th edition) and of *Law for Business* (13th edition).

Dr. **Keith B. Belton** is the director of the Manufacturing Policy Initiative, focused on public policies affecting the competitiveness of the manufacturing sector. He co-authored “Regulatory Reform in the Trump Era” (with Kerry Krutilla and John D. Graham) in *Public Administration Review* and authors the monthly policy brief *Insight into Manufacturing Policy.*
Dr. **Charles F. Bonser**, dean emeritus and Ameritech Professor emeritus, was the founding dean of SPEA in 1972. He is an expert in economic development, public finance, management, and leadership.

Dr. **Jennifer Brass** is the director of the newly designed SPEA Undergraduate Honors Program, and a recipient of the 2017 IU Trustees Teaching Award. She is an expert on African governance and service provision, with particular focus on NGOs and electricity provision. She co-authored “Political Autonomy and Resistance in Electricity Sector Liberalization in Africa” in *World Development*, “Expectations of Power: The Politics of State-Building and Access to Electricity Provision in Ghana and Uganda” in *The Journal of African Political Economy of Development*, and “Global Expansion of Renewable Energy Generation: An Analysis of Policy Instruments” in *Environmental and Resource Economics*. She received a grant to systematically review existing scholarship on NGOs with Allison Schnable and others.


**Beth Cate**, J.D., whose expertise includes intellectual property law, data privacy and security, research regulation, and constitutional law, co-authored the chapter “The Supreme Court and Information Privacy” in *Bulk Surveillance: Systematic Government Access to Private Sector Data*. She is authoring a chapter on technology transfer and research administration for a new Elgar handbook on intellectual property, which will come out in 2019. Cate also serves as the faculty sponsor to the graduate student-run research journal, the *Journal of Public and Environmental Affairs* based at SPEA.
Professor Ashley Clark, director of the Center for Survey Research, focuses on survey methodology and applied survey statistics. With Denvil Duncan, John D. Graham, and others, she co-authored “The Road Mileage User Fee: Level, Intensity, and Predictors of Public Support” in Transport Policy and “Searching for a Tolerable Tax: Public Attitudes toward Roadway Financing Alternatives” in Public Finance Review. She is a member of the Shale Gas Research Group with Graham, Keith Belton, Sanya Carley, and John Rupp.


Professor Brian DeLong focuses on national and international security policies from an argumentation, rhetorical, and critical cultural perspective. He is the coach for the debate team at IU – a collaborative effort of SPEA, the College of Arts and Sciences, and the Office of the Vice Provost of Undergraduate Education. Under DeLong’s direction, debate has seen a resurgence at IU, sending the school’s first team to the National Debate Tournament in 26 years.
Dr. Sameeksha Desai specializes in entrepreneurship and economic development policy. Recognizing her entrepreneurship research, the Kauffman Foundation appointed Desai as Director of Knowledge Creation and Research, where she will lead the research division, and will design and implement the Foundation’s research-based thought leadership strategy in entrepreneurship. She was also the U.S. co-chair of the Transatlantic Policy Consortium. She authored “Destructive Entrepreneurship and Security Context: Program Design Considerations for Disarmament, Demobilization and Reintegration (DDR) and Counterinsurgency” in the Journal of Entrepreneurship and Public Policy, “Economic Effects of Terrorism” in Geography Compass, “Measurement Considerations Related to Entrepreneurship,” in IZA World of Labor, and the book Corruption, Social Welfare and Entrepreneurship with David Audretsch and SPEA Ph.D. graduate Farzana Chowdhury, published with a Springer contributor to a report for the Swedish Economic Forum on economic integration of refugees.

Dr. Denvil Duncan is an expert in public economics, exploring the impact of taxes on behavior. With co-authors Ashley Clark, John D. Graham, and others, he published “The road mileage user-fee: Level, intensity, and predictors of public support” in Transportation Policy. With co-authors Sanya Carley, John D. Graham, Nikolaos Zirogiannis, and another, he published the policy report A Macroeconomic Study of Federal and State Auto Regulations with Recommendations for Analysts, Regulators, and Legislators along with follow-up responses. He also co-authored “Liar Liar: Experimental Evidence on the Effect of Confirmation-Reports on Dishonesty” in Southern Economic Journal.


Dr. Burnell Fischer is a clinical professor emeritus specializing in urban and community forestry. He teaches urban forest management and urban ecology. With Sarah K. Mincey and others he co-authored “Does Collaborative Tree Planting Between Nonprofits and Neighborhood Groups Improve Neighborhood Community Capacity?” in Cities. He leads the Bloomington Urban Forestry Research Group (urbanforestry.indiana.edu/), which studies the urban forest as a social-ecological system.

Professor **Vickie A. Fry**, an expert in governmental and nonprofit accounting, is a CPA with experience in both the public and private sectors. She received a SPEA Outstanding Undergraduate Teaching Award in 2017.

Dr. **Brad R. Fulton**, an expert in organizational theory and network analysis, examines the social, political, and economic impact of community-based organizations. He authored the article “Organizations and Survey Research” in *Sociological Methods & Research* and the article “Fostering Muslim Civic Engagement” in the *Journal on Muslim Philanthropy and Civil Society*. He co-authored the article “Civil Society Organizations and the Enduring Role of Religion” in *Voluntas* and the article “Prevalence and Predictors of Mental Health Programs among U.S. Congregations” in *Psychiatric Services*. With funding from the Corporation for National and Community Service, he is co-investigator for the Observing Civic Engagement project and with funding from the Lilly Endowment Inc., he is co-investigator for the National Study of Congregations’ Economic Practices and co-investigator for the Indiana Data Partnership project. He also received the Felice Davidson Perlmutter Best Paper Award from ARNOVA.

Dr. **Beth Gazley**, professor and director of the Master of Public Affairs Program, specializes in nonprofit management and nonprofit-government relations. She received the 2017-18 IU W. George Pinnell Award for Outstanding Service and the 2017 IU-Bloomington Distinguished Service Award. With various authors including Jill Nicholson-Crotty and Douglas Noonan, she coauthored two articles in *Nonprofit and Voluntary Sector Quarterly*, entitled “What Drives Good Governance? A Structural Equation Model of Nonprofit Board Performance” and “Philanthropic Support of National Parks: Analysis using the Social-Ecological Systems Framework.” She also wrote book chapters for two nonprofit HRM textbooks. She has served on the editorial boards of *Public Administration Review, Nonprofit Management and Leadership*, and *Nonprofit and Voluntary Sector Quarterly*. 
Dr. **David Good**, the director of SPEA’s Transportation Research Center, is an expert in quantitative policy modeling, productivity measurement in public and regulated industries, and urban policy analysis.


Professor **Daniel Grundmann** specializes in the field of human resource management. He serves on the board of the Society for Human Resource Management’s state affiliate HR Indiana SHRM, and on the board of directors of the Indiana Business Leadership Network as an advocate for the employment of people with disabilities. He is a Senior Certified Professional (SHRM-SCP) with the Society for Human Resource Management and has maintained certification as a Senior Professional in Human Resources (SPHR) since 2000. He is the faculty lead for the Human Resource Management major, and a visiting lecturer with the Department of Management Studies at the University of West Indies, Cave Hill.

Dr. **Kirsten Grønbjerg**, an expert on nonprofit and public sector relationships, is SPEA’s associate dean for faculty affairs, holds the Efroymson Chair in Philanthropy at the Lilly Family School of Philanthropy at Indiana University-Purdue University, Indianapolis, and is a fellow of the National Academy of Public Administration. She co-authored “Voluntas symposium: Comments on Salamon and Sokolowski’s re-conceptualization of the third sector” and “Advances in Research on Nonprofit Organizations and Civic Engagement,” both published in *VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations*. She directs the Indiana Nonprofits Project (nonprofit.indiana.edu) that works to help community leaders develop effective, collaborative solutions and inform public policy decisions, including a recent project report on “Indiana Local Government Officials and 2-1-1 Service.”
Dr. **Hendrik Haitjema** is a professor emeritus and an expert in groundwater hydrology and groundwater flow modelling. In addition to offering consulting services through Haitjema Consulting, Inc., he serves as editor-in-chief of the journal *Groundwater*, an international scientific publication of the National Groundwater Association.

**Lee H. Hamilton** is one of the nation’s foremost experts on Congress and representative democracy. Hamilton founded the Center on Congress at IU in 1999 and served as its director until 2015, after serving in the U.S. House of Representatives, where he represented Indiana from 1965-1999. He also served as president and director of the Woodrow Wilson Center in Washington, DC, from 1999-2010. He is a recipient of the Presidential Medal of Freedom (2015). Hamilton currently serves as a Professor of Practice at SPEA and as a Distinguished Scholar in the School of Global and International Studies. In 2017 he was named the Gold Winner, Next Generation Indie Book Award for *Congress, Presidents, and American Politics*. His commentaries on national issues are regularly published in hundreds of print and online outlets.


The Honorable **Paul Helmke** is a professor of practice and founding director of the Civic Leaders Center. He is an expert in mayoral leadership, gun control, urban issues, law and public policy, civic education and participation, and nonprofit leadership and frequently comments on current events for print and broadcast news. He authored a review of “Godless Democrats and Pious Republicans? Party Activists, Party Capture, and the ‘God Gap’” by Ryan L. Claassen in *Contemporary Sociology: A Journal of Reviews* and a commentary titled “Up in the Air? PILOTs, SILOTs, and Politicians” in *Public Administration Review*. 

Dr. Adam Herbert is the former president of Indiana University and a professor emeritus with expertise in public and higher education policy and politics.

Dr. Monika Herzig is an accomplished jazz pianist/composer who tours and performs internationally. She leads the Jazz Education Network Research Committee and her expertise is in jazz history, the music industry, and arts entrepreneurship. Her new release “SHEROES” on Whaling City Sound (March 23, 2018) features some of the world’s leading female jazz performers and she recently presented the grant-supported Jazz Girls Days in Indianapolis and South Bend, Indiana, advocating for increased female participation in jazz. She wrote the book *Experiencing Chick Corea: A Listener’s Companion* and recently co-authored “The Jam Session Model for Group Creativity and Innovative Technology” published in the *Journal of Technology Transfer*.

Dr. Alex Hollingsworth specializes in health economics and health policy. His current research focuses on the impact of environmental regulation on respiratory health. He also conducts research on the role of substance abuse and access to institutions on population health. He was part of a cross-country bicycle tour aimed at learning why many rural Americans are opposed to Obamacare and co-authored “Opposition to Obamacare: A Closer Look” in Academic Medicine. With Kosali Simon and another, he recently co-authored “Macroeconomic Conditions and Opioid Abuse” in the Journal of Health Economics.

Professor Cheryl Hughes is an expert in human resource management in the for-profit and nonprofit sectors, especially in the fields of manufacturing, service, public relations, and education. She has extensive professional experience in recruitment, training, professional development, employee relations, compliance, benefits, compensation, and process improvement initiatives. She serves on the board of the Indiana State Council of the Society for Human Resource Management and has received the IU Trustee Teaching Award twice, in 2013 and 2018.

Dr. Craig Johnson is an expert in capital markets and financial intermediation, financial management, public budgeting and finance, financing economic development, and environmental and infrastructure finance.

Professor William W. Jones is a clinical professor emeritus. He is an expert in lake and watershed management, especially diagnosing water quality problems and preparing management plans.
Dr. John R. Karaagac is an expert in the American presidency, domestic and foreign policy, and international and comparative politics. He teaches courses on public affairs, national security, and comparative policy. He divides his time between Washington, DC, and Bloomington where he moderates the popular SPEA panel series, White House Wednesdays.


Dr. Robert S. Kravchuk specializes in public finance, macro-budgeting, public debt markets and the political economy of reform in formerly socialist countries. He is currently working on two books: Money in the Theory and Practice of Public Financial Management, and Public Finance as Monetary Policy.

Dr. Kerry Krutilla is an expert in the theory and practice of benefit-cost analysis, and also specializes in environmental and energy policy analysis. In 2017 he co-authored a study using differential game theory to evaluate cybersecurity investment (published by the U.S. Army Research Laboratory), and co-authored articles on regulatory reform in the Trump era in Public Administration Review and a guide to Regulatory Impact Analysis in the Journal of Benefit Cost Analysis. He was also invited to lecture at the University of Economics in Ho Chi Minh City, Vietnam, on property rights conflict over environmental policy design.
Dr. Ursula Kuhar is a lecturer in the Arts Administration program, with expertise in community engagement, arts education, performing arts organizations, and cultural diplomacy. A mezzo-soprano, she is an active teaching artist and recent Metropolitan Opera National Council Auditions Regional Finalist. Kuhar is also the founding director of the SPEA in Israel overseas program.

Dr. Marc Lame is a national leader in the promotion of integrated pest management (IPM) in schools and one of the developers of the “Monroe Model,” a national standard for pest management. Lame serves as adviser to the National School Integrated Pest Management Working Group and as a subject matter expert regarding vector-borne disease for the Centers for Disease Control and Prevention.

Professor Melissa Laney specializes in limnology, watershed management, and water resources. She is the director of the Indiana Clean Lakes Program and project manager and quality control officer for the Limnology Lab. She authored water quality white paper reports for Lake Lemon with Sarah Powers. In addition to the state’s monitoring program, she directed Indiana’s effort in the U.S. EPA National Lakes Assessment.

Dr. Leslie Lenkowsky is Professor Emeritus in Public Affairs and Philanthropy with expertise in volunteering and civic engagement, nonprofits and public policy, civil society in comparative perspective, education and social welfare policy, and social entrepreneurship. He is one of the editors of the book When Ideas Mattered: A Nathan Glazer Reader and a regular contributor to The Chronicle of Philanthropy.
Professor **Mark M. Levin** brings more than 40 years of professional experience in city management to the classroom. He teaches courses in local government, economic development, and government budgeting. He is frequently sought for comment as a local government management expert by local and national media outlets.

Professor **Frank Lewis** is an expert in art museum administration, curation, art history, contemporary theory, and criticism. He teaches courses in museum management.

Dr. **Anthony Liu** is an expert in climate change policy and the environment in developing countries. He currently teaches courses on international environmental policy, public program evaluation, and environment science. He co-authored “The Effects of Subway Expansion on Traffic Conditions: Evidence from Beijing” in the *Journal of Environmental Economics and Management*, “Efficacy of Command-and-Control and Market-Based Environmental Regulation in Developing Countries” in the *Annual Review of Resource Economics*, and “Can Induced Technological Change Produce a Double Dividend?” in *Environmental and Resource Economics*.

Dr. **Deanna Malatesta** is an expert in contract design with an interest in governance and public management. She has an extensive professional background in regulation and cable television franchising procedures. Her recent research appears in *Public Administration Review, Journal of Public Administration Research and Theory*, and the *Journal of Strategic Contract and Negotiation*. 
Dr. Joyce Y. Man is an expert on public finance and budgeting, urban and regional economics, China’s fiscal policy, urban housing and land issues, and sustainable development. She is a primary force behind the development of SPEA’s China Society, a network of students, faculty, and staff with an interest in fostering research and a better understanding of U.S./China relations. She co-authored “International Experiences of Affordable Housing Policy: Models and Instruments” in The Commercial Press.

Professor Antonette McCaster teaches courses in public sector and nonprofit accounting and financial reporting.

Dr. Eugene B. McGregor Jr. is a professor emeritus whose research program began as a two-dimensional exploration of the interaction of political power and public administration operations, followed by an extended policy analytic exploration of the workforce impacts of massive post-industrial change. His most recent work focused on the relationship between strategy and complex public systems. Before retirement, he served as director of SPEA’s Overseas Education Program and ran the SPEA in Barcelona Program for several years. He currently serves as director of Emeriti House.

Dr. **Vicky J. Meretsky** is the director of the Environmental Masters Programs and a science advisor to the Indiana Nature Conservancy and the Sycamore Land Trust of Indiana. She studies conservation science, planning, and policy at landscape scales and conservation under climate change. She co-authored “State Imperiled Species Legislation” in *Environmental Law* and “Planning for Off-Road Vehicle Use on U.S. National Wildlife Refuges” in *Journal of Fish and Wildlife Management*.

Dr. **Kand McQueen** teaches courses in statistics and has a methodological focus on instrument development. Beyond statistics, McQueen has a national reputation as an expert, keynote speaker, and workshop facilitator on topics concerning gender identity, including issues specific to transgender and intersex individuals.

Professor **Jayma M. Meyer**, Esq., teaches sports law and public policy, consults on matters impacting student-athletes, and lectures on Title IX, amateurism, and other ethical issues in sports. She authored “It’s on the NCAA: A Playbook for Eliminating Sexual Assault” in *Syracuse Law Review* and co-authored “Reforming College Sports: The Case for a Limited and Conditional Antitrust Exemption for the NCAA,” in the *Antitrust Bulletin*.

Chancellor’s Professor Emeritus **Dr. John L. Mikesell** is an expert in governmental finance, especially questions of policy and administration of sales and property taxation and public budgeting. The tenth edition of *Fiscal Administration, Analysis and Applications for the Public Sector* was published. With Justin Ross, he co-authored “The Labor Incidence of Capital Taxation: New Empirical Evidence from the Retail Sales Taxation of Manufacturing Machinery and Equipment” in *National Tax Journal*. He also co-authored “Corruption and State and Local Government Debt Expansion” in *Public Administration Review*. He authored “Disparities in State Retail Sales Taxes in Fiscal 2016” in *State Tax Notes*. He was awarded the Tax Foundation Award for Outstanding Achievement in State Tax Reform.
Dr. Theodore K. Miller is a professor emeritus who developed expertise in statistical analysis and geography during his 32 years at SPEA.

Dr. Sarah K. Mincey is the academic and administrative director of the Integrated Program in the Environment and the IU Research and Teaching Preserve as of July, and research associate with the Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis and the Bloomington Urban Forestry Research Group. She is a social-ecological systems scientist with expertise in community-based natural resource management and environmental governance, with particular emphasis on urban forest management. With Burnell Fischer and others, she co-authored “Does Collaborative Tree Planting Between Nonprofits and Neighborhood Groups Improve Neighborhood Community Capacity?” in Cities. She also co-authored “Best Practices for Yard Tree Distribution Programs” in Arborist News and “Branching Out to Residential Lands: Missions and Strategies of Five Tree Distribution Programs in the U.S.” in Urban Forestry and Urban Greening.

Professor Roger Morris is an expert in database management, IT services and governance, and network infrastructure.

Dr. Andrea Need is the director of Undergraduate Academic Affairs. She has worked for Indiana state government and a non-profit on environmental, administrative, and conservation law issues. She teaches law courses at SPEA.
Dr. Ashlyn Aiko Nelson is an economist who examines causes and consequences of inequality in the overlapping housing finance and education finance sectors. She is the director of SPEA’s Office of Diversity, Equity, and Inclusion.


Dr. Sean Nicholson-Crotty is the director of the Ph.D. in Public Affairs and the Ph.D. in Public Policy programs. Named a fellow of the National Academy of Public Administration, his expertise is in public management, federalism, intergovernmental relations, and comparative state policy. With Jill Nicholson-Crotty and Sergio Fernandez he co-authored “Will More Black Cops Matter? Officer Race and Police Involved Homicides of Black Citizens” and “Performance and Management in the Public Sector: Testing a Model of Relative Risk Aversion,” both in Public Administration Review.

Professor Frank Nierzwicki is an expert in civil engagement at the state and local level; urban studies at the federal, state, and local levels; and community development and planning at the local level. He served on the executive board of the American Planning Association – Indiana Chapter as the professional development officer.
Professor **Mark Norrell** is a healthcare management professional with expertise in healthcare operations, strategic planning, and business development. He is a fellow of the American College of Healthcare Executives and a licensed nursing home administrator.

Dr. **Kimberly A. Novick** is an expert in forest ecology, ecosystem carbon and water cycling, and biometeorology. In 2017, she co-authored seven papers, including: “Historic and Projected Changes in Evaporative Demand Suggest a Continental-Scale Drying of the U.S. Atmosphere” in *Journal of Geophysical Research*, “Dynamics of Stem Water Uptake Among Isohydric and Anisohydric Species Experiencing a Severe Drought” in *Tree Physiology*, and “Capturing Species-level Drought Responses in a Temperate Deciduous Forest Using Ratios of Photochemical Reflectance Indices Between Sunlit and Shaded Canopies” in *Remote Sensing of the Environment*. She also began work on two new externally funded projects. The first, funded by the USDA, is focused on understanding how key Eastern U.S. tree species respond to drought stress. The second, funded by NASA, is aimed at detecting signals of plant stress in satellite observations.

Dr. **Patrick O’Meara** is Vice President Emeritus of International Affairs and Special Advisor to the President at Indiana University. A professor emeritus, he is an expert on South Africa and southern Africa.

Dr. **Clinton V. Oster Jr.** is a professor emeritus and an expert in transportation policy, transportation safety, energy policy, environmental policy, and economic development. He serves on the Truck Size and Weight Limits Research Plan Committee of the National Academy of Science’s Transportation Research Board. With C. Kurt Zorn and John Strong, he co-authored the chapter “Aviation Safety in the Age of Liberalization” in *Air Transport Liberalization: A Critical Assessment*. 
Dr. David E. Parkhurst is a professor emeritus and a mathematical biologist with expertise in physiological plant ecology and statistics. He is appointed to the City of Bloomington Environmental Commission.

Dr. Roger B. Parks is a professor emeritus with expertise in police organization and performance.

Dr. Victoria Perez is a health economist who studies the impact of public insurance design on macroeconomic financial outcomes, provider decisions, and household finances. She has published in Health Economics and the International Journal of Health Economics and Management.

Dr. Flynn Picardal is an environmental microbiologist and engineer, dealing with diverse research topics in environmental microbiology and biogeochemistry. Most recently, he co-authored “Effect of Silicic Acid on Aggregation Properties of Goethite” in the *European Journal of Soil Science*, “Silicic Acid as a Dispersibility Enhancer in a Fe oxide-rich Kaolinitic Soil Clay” in *Geoderma*, and “Simulation of Silicon Leaching From Flooded Rice Paddy Soils in the Red River Delta, Vietnam” in *Chemosphere*. He regularly teaches courses in environmental engineering and water treatment.


Dr. Orville Powell is a clinical associate professor emeritus and an expert on local government and the United States Constitution.

Professor Daniel Preston is the chair of SPEA’s honors program review and directs international programs in Cuba and the Balkans. He is an expert in international development finance and maintains ongoing advisory relationships with organizations including the OECD, World Economic Forum, and the Center for Global Development. For the OECD, he co-authored three chapters in *Making Blended Finance Work for the Sustainable Development Goals*. For the World Economic Forum he co-authored “Blended Finance” and, as part of the Payouts for Perils Working Group for the Center for Global Development, he co-authored “Payouts for Perils: Using Insurance to Radically Improve Emergency Aid.”
Dr. **Avram G. Primack** uses geographic information systems (GIS) to create large datasets for analytical use. He has used GIS to examine human impacts on wetlands and waterbodies, document human changes to landscapes, and to model hydrology and estimated vegetation responses to climate change. He has worked with the Sierra Gorda and Sierra de Manantlan Biosphere Reserves in Mexico on projects involving carbon sequestration and good data management. He co-authored “Extreme Passive Acoustic Telemetry Detection Variability on a Mesophotic Coral Reef, United States Virgin Islands,” in *Marine Biology* and “An Extreme Climate Transition in the Caribbean’s Virgin Islands 1. Evidence of Teleconnection with the 1976/77 Pacific Climate Shift,” in the *International Journal of Climatology*.


Dr. **Jonathan D. Raff** is an expert in the area of environmental chemistry, with a research focus on understanding the atmosphere-soil exchange of gases that impact atmospheric composition and air quality. He is the recipient of an NSF CAREER Award and a grant from DOE’s Early Career Research Program. He co-authored “Evidence for Quinone Redox Chemistry Mediating Daytime and Nighttime NO2-to-HONO Conversion on Soil Surfaces” and “The Role of Iron-Bearing Minerals in NO2 to HONO Conversion on Soil Surfaces” in *Environmental Science & Technology*. He also co-authored “Hidden Complexities in the Reaction of H2O2 and HNO Revealed by Ab Initio Quantum Chemical Investigations” in the journal *Physical Chemistry Chemical Physics*.

Dr. **J.C. Randolph** is a professor emeritus with expertise in forest ecology and the ecological aspects of climate change.
Dr. Rafael Reuveny is an expert in international political economy, sustainable development, and the political economy of the Middle East.

Dr. Edwardo L. Rhodes is a professor emeritus who focuses his studies on applications of operations research and management science to public policy. This includes the areas of environmental justice and common property resource decisionmaking.

Dr. Kenneth R. Richards is an expert on the policy and law of environmental protection, climate change, energy, and sustainability. With co-authors Justin Ross, Anthony Liu, Anh Tran, and others, he published a three-volume set entitled: *Carbon Tax Guide: A Handbook for Policy Makers*.

Dr. Todd V. Royer is an expert on water quality and aquatic biogeochemistry. His laboratory addresses questions related to land management and water quality, particularly the cycling of nitrogen, carbon, and phosphorus in streams and rivers. He wrote the chapter “Human-Dominated Rivers and River Management in the Anthropocene” in *Stream Ecosystems in a Changing Environment* (Academic Press). He co-authored the articles “Modeling Nutrient Removal Using Watershed-Scale Implementation of the Two-Stage Ditch” in *Ecological Engineering*, “Initial Nitrogen Enrichment Conditions Determines Variations in Nitrogen Substrate Utilization by Heterotrophic Bacterial Isolates” in *BMC Microbiology*, and “Occurrence, Leaching, and Degradation of Cry1Ab Protein from Transgenic Maize Detritus in Agricultural Streams” in *Science of the Total Environment*.

Dr. Barry Rubin is a professor emeritus with expertise in urban and regional economic development and impact analysis, state-level energy policy analysis, and strategic planning and management. With Trent Engbers, he co-authored “Policy Recommendations for Fostering Economic Development through Social Capital,” in *Public Administration Review*. He also co-authored “Industry Clusters and Regional Economic Performance: A Study Across U.S. Metropolitan Statistical Areas” in *Economic Development Quarterly*.

Dr. Michael Rushton is the IU Director of Strategic Planning and Associate Vice President for University Academic Affairs. He is an expert in cultural economics, policy and administration, nonprofit organizations, and tax policy. He wrote “Thinking Outside the Empathy Box” in *Cultural Trends* and “Should Public and Nonprofit Museums Have Free Admission? A Defense of the Membership Model” in *Museum Management and Curatorship*. With Joanna Woronkowicz and Thomas M. Rabovsky, he co-authored “Performance Measurement as Policy Rhetoric: The Case of Federal Arts Councils” in *International Journal of Cultural Policy*.

Dr. **Amina Salamova** is an assistant research scientist who couples organic and analytical chemistry to identify and measure toxic pollutants in the environment. She is one of investigators for NIH studies “Protecting the Health of Future Generations: Assessing and Preventing Exposures to Endocrine-Disrupting Flame Retardant Chemicals and PCBs in Two Alaska Native Arctic Communities on St. Lawrence Island” and “Assessing Air Pollution Exposures among a Vulnerable Rural Disparities Population.” She co-authored “Polybrominated Diphenyl Ethers (Flame Retardants) in Mother-Infant Pairs in the Southeastern U.S.” in *International Journal of Environmental Health Research*. With Ronald Hites and Marta Venier and others she co-authored “Bioaccumulation of Dechloranes, Organophosphate Esters, and Other Flame Retardants in Great Lakes Fish” in *Science of Total Environment*.

Dr. **Allison Youatt Schnable** is a sociologist with expertise in globalization, nongovernmental organizations, nonprofit management, and the sociology of religion. She won the 2017 RGK Center-ARNOVA President’s Award for proposed research on building capacity of grassroots international NGOs. Schnable is a co-principal investigator of the NGO Knowledge Collective, a project to assess scholarly literature on nongovernmental organizations in development.

Dr. **Joseph Shaw** is an expert in environmental toxicology, environmental genomics, and comparative physiology. He leads the Environment Care Consortium, a collaboration of researchers in seven countries that formed in 2012 to advance the understanding of and response to toxic chemicals in the environment and which is currently working on “Mapping the Chemosphere.” He wrote the chapter “The Genomics of Cladoceran Physiology: Daphnia as a Model” in *The Physiology of Cladocera*. He co-authored “Thermal Variation and Factors Influencing Vertical Migration Behavior in Daphnia Populations” in *Journal of Thermal Biology*, “The Genomic Landscape of Rapid Repeated Evolutionary Adaptation to Toxic Pollution in Wild Fish” in *Science*, “The Atlantic Killifish (Fundulus Heteroclitus) Genome and the Landscape of Genome Variation Within a Population” in *Genome Biology and Evolution*, and “Single Toxin Dose-Response Models Revisited” in *Toxicology and Applied Pharmacology*.

Dr. **Roy W. Shin** is a professor emeritus, Ameritech Scholar, and an expert on the global economy, investment, and trade. He was a senior Fulbright scholar and was appointed Special Advisor to the President of IU on Global Partnerships.
Dr. Susan Siena teaches courses in national and international affairs. Her research interests include techniques to promote active learning and critical thinking in the classroom as well as issues related to terrorism and national security. She wrote “Lessons from a Flipped Classroom: A New Approach to Public Affairs Instruction” in NASPAA News.

Dr. Daniel Simon is an expert in firm strategy, competition, and customer satisfaction. He co-authored “The Impact of Mergers on Service Quality: Evidence from the Airline Industry” in Journal of Industrial Economics.


Rudy Professor Dr. Philip S. Stevens, chair of the Environmental Science Faculty Group, is an expert in characterization of the chemical mechanisms in the atmosphere that influence regional air quality and global climate change. He co-authored the chapter “Recent Advances in the Chemistry of OH and HO2 Radicals in the Atmosphere: Field and Laboratory Measurements” in Advances in Atmospheric Chemistry, Volume 1. He co-authored the articles “Chemistry of Volatile Organic Compounds in the Los Angeles Basin: Nighttime Removal of Alkenes and Determination of Emission Ratios” in Journal of Geophysical Research: Atmospheres and “Differences in BVOC Oxidation and SOA Formation Above and Below the Forest Canopy” in Atmospheric Chemistry and Physics.
Dr. Anh Tran is an expert in institutions and behaviors of bureaucrats, entrepreneurs, and workers in developing countries. He is the director of Vietnam Initiatives at IU and the co-founder and director of the Vietnam Young Leaders Award, a scholarship program that brings exceptional government officials from Vietnam to the United States for postgraduate degrees. He wrote “Does PAPI Monitoring Improve Local Governance? Evidence from a Natural Experiment in Vietnam” in *International Journal of Development Issues* and “The Effect of Having Children on Women’s Marital Status” in *Journal of Development Studies*.


Dr. Frank J. Villardo is a professor emeritus with expertise in public and private health administration. His focus is on injuries as a public health problem from a behavioral perspective. He was the founder of SPEA’s program in healthcare management and policy.

Dr. Henry K. Wakhungu is an expert in development of growth simulation models for sustainable management of indigenous community forests, experimental designs in tropical forestry research, and service learning research. He received a SPEA 2017 Outstanding Undergraduate Teaching Award and is faculty advisor to IU’s African Students’ Association and the IU Men’s Lacrosse Team.

Dr. Jeffrey R. White, named IU’s 2018 Distinguished Faculty Research Lecturer, is director of IU’s Integrated Program in the Environment. He studies the effects of human activity on the functioning of aquatic and terrestrial ecosystems. He co-authored “Spatial Variation in Stable Isotopic Composition of Organic Matter of Macrophytes and Sediments from a Small Arctic Lake in West Greenland,” in Arctic, Antarctic and Alpine Research, “Exceptional Summer Warming Leads to Contrasting Outcomes for Methane Cycling in Small Arctic Lakes of Greenland,” in Biogeoosciences, “Hydrogen Isotopic Composition of Arctic and Atmospheric CH4, Determined by a Portable Near-Infrared Cavity Ring-Down Spectrometer with a Cryogenic Pre-Concentrator” in Astrobiology, and “Large Fractionations of C and H Isotopes Related to Methane Oxidation in Arctic Lakes” in Geochimica Et Cosmochimica Acta.

Professor Michael Wilkerson, director of the arts administration programs, is an expert in arts administration and cultural policy.

Dr. Coady Wing is an expert on health and social policy, the regulation of labor markets, causal inference, and applied econometrics. He co-authored “Did States Use Implementation Discretion to Reduce the Stringency of NCLB? Evidence From a Database of State Regulations” in Educational Researcher, “Estimated Costs of Sporadic Gastrointestinal Illness Associated with Surface Water Recreation: A Combined Analysis of Data from NEEAR and CHEERS Studies,” in Environmental Health Perspectives, “What Can We Learn From A Doubly Randomized Preference Trial? – An Instrumental Variables Perspective” in Journal of Policy Analysis and Management, “Relaxing Occupational Licensing Requirements: Analyzing Wages and Prices for a Medical Service” in Journal of Law and Economics, and “The Regression Discontinuity Design and the Social Corruption of Quantitative Indicators” in Observational Studies. He also co-authored articles related to weight and veteran’s environments in Health Affairs, Preventing Chronic Disease, and American Journal of Health Promotion.
Dr. Charles R. Wise is a professor emeritus with expertise in public law, public organization design, intergovernmental relations, and democratization in Ukraine. He is the former editor of *Public Administration Review* and was the founding director of the John Glenn College of Public Affairs at The Ohio State University. His articles have been awarded the William E. Mosher and Frederick C. Mosher award three times for best academic article published in the *Public Administration Review* for the year.

Dr. Lois Recascino Wise is a professor emeritus and an expert in public management, comparative public administration, employment policies and practices, work motivation, and the effects of heterogeneity on organizational performance.


Dr. Nikolaos Zirogiannis is an environmental economist with a focus on energy policy research and applied econometrics. With Sanya Carley, Denvil Duncan, John D. Graham, and Saba Siddiki he co-authored the policy report *A Macroeconomic Study of Federal and State Automotive Regulations with Recommendations for Analysts, Regulators and Legislators*. With David M. Konisky and Alex J. Hollingsworth he co-authored “Understanding Excess Emissions from Industrial Facilities: Evidence from Texas” in *Environmental Science and Technology*. He also co-authored “Dynamic Factor Analysis for Short Panels: Estimating Performance Trajectories for Water Utilities” in *Statistical Methods and Applications* and “The Effect of Traumatic Brain Injury History with Loss of Consciousness on Rate of Cognitive Decline Among Older Adults with Normal Cognition and Alzheimer’s Disease Dementia” in the *Journal of Alzheimer’s Disease*. 
**Other SPEA faculty, not pictured:**

Professor *Terri Renner*, chair of the Teaching and Learning Faculty Group, teaches several courses in financial management. She has an extensive background and interest in healthcare financial management.

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Dr. **C. Kurt Zorn** is an expert in state and local finance. He is the IU Associate Vice Provost for Undergraduate Education and also serves as the IU Faculty Athletics Representative. With Clinton V. Oster and others he co-authored the chapter “Aviation Safety in the Age of Liberalization” in *Air Transport Liberalization: A Critical Assessment*. 
# U.S. News and World Report 2019 Rankings
## Best Public Affairs Schools

### THE TOP SCHOOLS

<table>
<thead>
<tr>
<th>Rank/School</th>
<th>Score</th>
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<tr>
<td>#1 Indiana University—Bloomington</td>
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<tr>
<td>#2 Syracuse University (Maxwell)</td>
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<tr>
<td>#2 University of Southern California (Price)</td>
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<td>#4 Harvard University (Kennedy)</td>
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### TOP SPECIALITIES

#### ENVIRONMENTAL POLICY & MANAGEMENT
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#### NONPROFIT MANAGEMENT
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#### PUBLIC FINANCE & BUDGETING
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#### PUBLIC POLICY ANALYSIS
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