

**SMART**  
SUSTAINABLE  
**CITIES AND**  
**REGIONS**

**INTERNATIONAL  
REFUGEE  
RESEARCH  
PARTNERSHIP**

**THE BELOVED  
COMMUNITY  
INITIATIVE**

**EVIDENCE  
FOR COMPLEX  
COLLECTIVE  
DECISION  
MAKING:  
DATA TO  
POLICY**

**DEVELOPING  
GOVERNING  
CAPACITY**

**ADVANCING  
GLOBAL  
GOVERNANCE  
AND  
ENGAGEMENT**

# School of Public & International Affairs

2016 Report  
of  
Faculty  
Research & Scholarship



College of Architecture and Urban Studies



# SCHOOL OF PUBLIC & INTERNATIONAL AFFAIRS

2016

## REPORT OF FACULTY RESEARCH & SCHOLARSHIP

p 14faculty

*tenured & tenure-track*

p 20honors & awards

*for research, scholarship,  
instruction, & outreach*

p 21publications

*books or monographs authored  
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meetings & invited presentations*

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School of Public and  
International Affairs



## *a note from the director...*

Virginia Tech's School of Public and International Affairs (VT SPIA) prepares students for public service and policy leadership and scholarship, translates scholarship to practice to address challenging public problems, and SPIA engages with communities and organizations across Virginia and the world to work on questions of planning, policy, administration and governance, performance, security, sustainability, collaboration, resilience, economic development, and more. VT SPIA is strategically located in the Blacksburg main campus, the National Capital Region, and in the State Capital of Richmond, and offers 6 degree programs. The highlights of SPIA's accomplishments for the 2016 calendar year are summarized in this report.

### **SPIA Highlights**

- Ranked #34 overall by U.S. News and World Report for graduate public affairs programs out of 272 programs nationally (2016).
- Ranked #22 by U.S. News for public management administration.
- Ranked #15 nationally by Best Value Schools.
- Ranked a Top 25 national program in Urban Planning by *Planetizen*.



*Anne Khademian*

## Highlights

## highlights

**SPIA is a major player** in Virginia Tech's drive to be a global leader in the destination areas of Integrated Security, Intelligent infrastructure, and Data Analytics and Decision Sciences. SPIA professors and students will be at the forefront of developing research and policies in these high-priority global destination areas, and SPIA is a leader in developing the Policy Strategic Growth Area, <http://provost.vt.edu/destination-areas.html>.

**During the 2016 Calendar year**, the BOV approved SPIA's proposed online Master's degree in Nonprofit and NGO Management (MANGO), a unique online degree program that will meet a growing demand for leadership in the nonprofit world. The proposal is now under review by SCHEV.

**SPIA's new undergraduate** programming continued to develop this year, including the approval of a new Pathways Minor in Community Systems and Engagement in partnership with VT Engage, with the new majors in Smart Sustainable Cities and Environmental Planning and Policy to launch in Spring 2018.

**In partnership with** the Virginia Tech Office of the President, SPIA convened two additional Capital Hill Round Tables lead by SPIA Professor of Practice, former Congressman **Jim Moran**, the first on [security policy 15 years after 9-11](#), and the second on [cyber security](#).





**SPIA will lead a major leadership development initiative** for the State of Virginia in Richmond beginning in Fall 2017, building on the [educational partnerships and forums underway](#).

**SPIA launched a small cities initiative** with Hollins University and the Global Forum on Urban and Regional Resilience with the [first combined studio course in Roanoke](#) in Fall 2016.

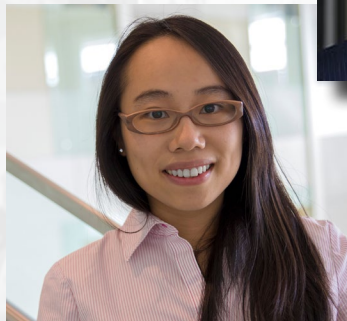
**We reached a major milestone** in the [Two Capitals, Two Degrees Master's program](#) with the University of Kent as the first graduate of the program crossed the stage in May.

**SPIA welcomes two new faculty members** in Fall 2017:

***Raymund Zuniga*** in the Center for Public Administration and Policy. Ray's research interests include higher education policy and issues concerning Latinos in the United States.



***Wenwen Zhang*** in Urban Affairs and Planning. Wenwen's research focuses on the interaction between land use and transportation and the rise of shared autonomous vehicles.



**SPIA's international educational** programming in Europe and Malawi continued apace, and we initiated work for additional opportunities in China and in Dar es Saalam.

And SPIA's **Todd Schenk** led a university wide Frenemies Day aimed at “communicating our differences of opinion through healthy, productive conversations.”

**SPIA expanded** the Washington Semester to include a semester on Global Engagement in partnership with the International Studies program.



**The Institute for Policy and Governance (IPG)** and the Metropolitan Institute (MI) continued successful programs of research, engagement, and technical support focused on vulnerable populations and community engagement, and broad metropolitan issues of metrics, performance, and more. IPG's Community Voices continued to provide an outstanding forum for forward thinking and engagement while the MI sponsored workshop on Collaboration as Big Data Ethics highlighted the range of expertise and breadth of knowledge around the governance and ethical dimensions of big data.



**SPIA faculty contributed** to a 2016 European Union and United Nations report on global sustainability and transportation best practices.

**SPIA partnered with** the Hume Center to launch [Cyber 2020](#), a Hewlett Foundation sponsored program to emphasize the integration of policy and technology in educating the future leaders of cyber security.

**The SPIA Advisory Board** met for a video conference meeting in February and again in June of 2016 in Blacksburg, and SPIA continued to develop an alumni community through the work of the SPIA Alumni Council. In April, SPIA hosted the annual awards ceremony with approximately 100 students, faculty and alumni in attendance in Owens banquet hall in Blacksburg, and SPIA announced the first inductees to the SPIA Alumni Hall of Fame: **Ryan**

**Eargle** (PUA 2006) and **William Murray** (MPA 1991 and PAPA 1993).

**Faculty and students traveled** across the nation and the globe to present research at major conferences and [workshops](#); students participated in hands on studios from water and sanitation work in Malawi to the documentation of the history and culture of [Vietnamese neighborhoods in Arlington](#); and SPIA is instrumental in supporting the development of a [Policy Strategic Growth Area](#) as a key component of the development of the global land grant university.

**Faculty-student research** on how role-playing exercises improve people's ability to collaborate on divisive issues like politics and climate change drew national media attention throughout the 2016 presidential election.



## Faculty, Staff, Student and Program Recognition

### recognition

This year SPIA's faculty, students and staff have been recognized for excellence in scholarship and service.

**Leigh Bower** was recognized with the prestigious Elizabeth Roberson Award for Staff Excellence.



*Leigh Bower with Dean Jack Davis*

**Maggie Cowell** was promoted to associate professor with tenure, and she was recognized by the American Planning Association for the Karen B. Smith Award for the 2015 diversity study (with APA Virginia) for Outstanding Outreach to the Community.

Associate professor **Ralph Hall** was recognized with the Outstanding Dissertation Advisor Award in Social

Sciences, Business, Education, and Humanities by the Graduate School.

Assistant professor **Robin Lemaire** was recognized with the CAUS Certificate for Excellence in Teaching, and Professor **Max Stephenson** was recognized with the CAUS Certificate for Excellence in Scholarship.



*Robin Lemaire*



*Max Stephenson*



Professor **Joyce Rothschild** was recognized by the University for Excellence in Teaching.

The Virginia Tech Real Estate Program recognized Associate Professor **David Bieri** as the Junior Faculty Fellow, and endowed 3-year appointment.

Assistant Professor **Steve Hankey** received the 2016 Outstanding Paper Award from the Transportation Research Board - Committee on Pedestrians for his paper, "Facility-Demand Models of Peak-Period Pedestrian and Bicycle Traffic: A Comparison of Fully-Specified and Reduced-Form Models."

Associate Professor **Patrick Roberts** was recognized as the Wertheim Study Researcher-in-Residence, New York Public Library, and received the Visiting Scholar Award 2015-16, at Rutgers University - Newark.

Professor **Anne Khademian** was elected to the National Academy of Public Administration Board of Directors.

Among SPIA students, Planning Governance and Globalization (PGG) student **Saul N'Jie** was selected for the Bouchet Honor Society, and he presented a paper on micro-credit in

Gambia at the induction ceremony at Yale University.

PGG student **Marc Fialkoff** was selected as a 2017 Eno Fellow for the cultivation of future leaders in transportation policy, and he was awarded the Charles William Koch Award recognizing exceptional academic achievement and leadership qualities evidenced by a student specializing in transportation operations.



*Marc Fialkoff*

PGG student **Putu Desy Apriliani** was recognized for the Graduate Citizen Scholar Award, and Master of Public and International Affairs student **Heather Elizabeth Lyne** was recognized for the same award. Master of Urban and Regional Planning student **Meliha 'Lida' Aljabar** was recognized as outstanding Master's student in CAUS.

# Teaching and Learning

## Teaching & learning

SPIA’s degree programs are led by outstanding faculty dedicated to the development of strong scholars and sophisticated public sector leaders. SPIA degree programs emphasize holistic, interdisciplinary approaches to critical thinking and problem solving, the sophisticated use of multiple forms of evidence in decision mak-

ing, collaborative leadership and governance, and thoughtful consideration of the values and assumptions that drive policy, planning, and engagement. SPIA’s new undergraduate degree program will launch in Spring 2018 with majors in Smart Sustainable Cities and Environmental Planning and Policy.

**Table 1 SPIA Student Credit Hours by Degree Program**

Undergraduate Academic Majors Spring 2016	
932	Environmental Policy and Planning
519	Public and Urban Affairs
1451	TOTAL Undergraduate Student Credit Hours
Graduate Academic Majors Fall 2016	
<i>Certificate Programs</i>	
558	Local Government Management Certificate Program
<i>Master’s Degree Programs</i>	
524	Public Administration
170	Public and International Affairs
546	Urban and Regional Planning
1140	TOTAL Graduate/Master Student Credit Hours
<i>Doctoral Degree Programs</i>	
424	Public Administration and Public Affairs
446	Planning, Governance, and Globalization
870	TOTAL Graduate/Doctorate Degree Majors

# Research and Discovery

SPIA faculty had a strong year in research and discovery. SPIA Faculty continue to build on the outstanding support from the Institute for Society Culture and Environment (ISCE) to develop successful proposals for external funding. This past academic year, ISCE funding supported Todd Schenk’s work on facilitating civil discourse, Steve Hankey’s work on mood state in transportation, **Ariel Ahram**’s Middle East initiative, Maggie Cowell’s leadership of the DC Initiative, and **Patrick Robert**’s work on nuclear governance.

Including external and internal support, total research expenditures for SPIA, including the Institute for Policy and Governance and the Metropolitan Institute, were \$1,531,408.58 (Table 2). And SPIA

faculty were the PI or co-PI on grant awards over \$2,000,000.

SPIA faculty members continue to be leaders in the profession with editorial board service and significant presentations at conferences and workshops across Virginia, the US and the globe. We will continue to emphasize and support research conference travel for students and faculty as professional development and learning from the interaction of ideas and research in a broader audience.

The tables below highlight scholarship and research for SPIA faculty. Table 3 highlights publications, presentations, and editorial leadership with a comparison across five years.

**Table 2 SPIA Research Expenditures, 2016**

	SPIA TOTAL	IPG TOTAL	MI TOTAL	TOTAL
Research Expenditures	\$237,337	\$1,004,773	\$289,299	\$1,531,409

note from the director



Table 3 SPIA Faculty Scholarship Indicators, 2012-2016

	2012	2013	2014	May-Dec 2015	2016
Books	15	19	12	8	9
Book chapters	44	36	37	18	29
Articles	41	75	68	49	50
Other papers and reports	58	46	38	26	38
Presentations	109	137	137	99	116
Editorial Boards	22	16	39	28	37
Journal editors and assoc editors	/	/	5 eds/ 4 assoc eds	5 eds/ 4 assoc eds	3 editors 2 co-editors 2 assoc eds 2 guest-eds

## Outreach and Engagement

It is the obligation of SPIA as a publicly funded school of public and international affairs to model the governance internally that we expect of govern-



ment more generally, to offer insight and support for the most pressing problems of our time, and to be a voice for public service and the importance of research and knowledge in the policy making process. SPIA faculty and students and staff engage in Blacksburg and the Roanoke region, Alexandria and the National Capital Region, and across the globe through research, teaching, and service in multiple ways to strengthen communities, share knowledge, learn, collaborate and participate.

SPIA publishes Virginia Issues and Answers (VIA), an online publication providing insight and advice for policy makers and managers across Virginia. See the latest issue, [here](#).

## Diversity

*diversity*

### InclusiveVT

SPIA is continuously engaged in efforts to enhance the diversity of thought, race, nationality, experience, and gender among students, faculty and staff, in the curriculum, in our research topics, and in our outreach and engagement efforts.

Building on the report of the SPIA Diversity Task Force, disseminated in early FY 15-16, SPIA continued to develop programs and prioritize faculty and student recruitment to advance the diversity of the School, create

a more inclusive learning environment, and explore the sources and implications of inequality in theory and practice. SPIA's annual Rid-enour Faculty Fellowship conference focused on rebuilding trust in government, with the keynote address by Virginia Tech Professor Marc Edwards leading the effort to bring clean and safe drinking water to the residents of Flint, Michigan through scientific testing and reporting. Professor Edwards will join a team of SPIA faculty to launch the Beloved

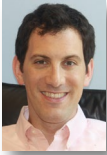
Community Initiative, a long term effort to examine race and inequality through the frames of inclusive economics, environmental justice, and political agency through the arts.



*Marc Edwards*

## Faculty

faculty



**Ariel  
Ahram**

2012. GIA. Ph.D. Georgetown University (2008), government. Assistant Professor. Non-traditional components of security, human security, state formation/failure, militias and paramilitary groups, comparative political development, Middle East politics.



**David  
Bieri**

2015. UAP. Ph.D. Virginia Tech (2010), planning, governance, and globalization. Associate Professor. The intersection of public finance, monetary theory and economic geography; regulatory aspects of international finance, global monetary governance, and their role in the process of financialization; history of economic thought.



**John  
Browder**

1988. UAP. Ph.D. University of Pennsylvania (1986), city and regional planning. Professor. International development planning, environmental policy and planning, Latin American studies, environmental ethics, planning theory.



**Ralph  
Buehler**

2008. UAP. Ph.D. Rutgers University (2008), planning and public policy. Associate Professor. Transportation, land use, energy, regional government.



**Brian  
Cook**

2008. CPAP. Ph.D. University of Maryland (1984), government and politics. Professor and Chair, CPAP. Public administration, public policy, american politics.



2010. Ph.D. Cornell (2010), city and regional planning. Assistant Professor. Building resilient regions; economic complementarity in polycentric regions; effects of economic restructuring on shrinking regions.

*Margaret  
Cowell*



2007. GIA. Ph.D. Rutgers University (2007), global affairs. Associate Professor. Relationship between developing countries' governments and financial markets, sovereign debt restructuring episodes.

*Giselle  
Datz*



2006. CPAP. Ph.D. University of Wisconsin-Madison (2006), political science. Associate Professor. Political institutions, administrative politics, policy.

*Matthew  
Dull*



2012. CPAP. Ph.D. Ohio State University (2011), public policy and management. Assistant Professor. Policy analysis, environmental policy, urban policy, public and nonprofit management, research methods, evaluation, American government.

*Adam  
Eckerd*



2009. UAP. Ph.D. Massachusetts Institute of Technology (2006), technology, management and policy. Assistant Professor. Sustainable infrastructure systems.

*Ralph  
Hall*



2014. UAP. Ph.D. University of Minnesota (2014), civil engineering. Assistant Professor. Measuring and modeling non-motorized traffic; modeling within-city spatial patterns of air pollution; health impacts of the built environment and neighborhood design; real-time, mobile measurements of air pollution.

*Steve  
Hankey*





**Karen  
Hult**

1998. CPAP. Ph.D. University of Minnesota (1984), political science. Organizational theory; U.S. national institutions (especially the presidency, executive branch, and the courts); state politics; social science methodologies..



**Laura  
Jensen**

2006. CPAP. Ph.D. University of Connecticut (1996), political science. Associate Professor. Public policy and public management, state building, state capacity, governance, accountability, social welfare policy.



**Anne  
Khademian**

2003. CPAP. Ph.D. Washington University (1989), political science. Professor and SPIA Director. Public management and governance, changing patterns of government, democratic participation and accountability, organizational collaborations, public policy management.



**Paul  
Knox**

1985. UAP. Ph.D. University of Sheffield (1972), geography. University Distinguished Professor and Sr. Fellow for International Advancement. Comparative analysis of urbanization and urban planning; social production of the built environment.



**Robin  
Lemaire**

2012. CPAP. Ph.D. University of Arizona (2012), public administration and policy. Assistant Professor. Organization networks and interorganization relations, public and nonprofit management, public and nonprofit organization theory, management and organization of health care systems.



**Timothy  
Luke**

1981. GIA. Ph.D. Washington University – Saint Louis (1981), political science. University Distinguished Professor in Political Science; Chair, GIA; and Fellow for Arts, Humanities, and Social Science. Environmental politics, cultural studies, comparative politics, international political economy, and modern critical social and political theory, history of political thought, contemporary political theory, comparative and international politics.

2012. Ph.D. University of California - Irvine (2010), planning, policy and design. Assistant Professor. Social and cultural consequences of the Internet and digital communication technologies, health and behavioral impacts of environmental stressors from virtual environments, environment and behavior studies, science of team science.

**Shalini Misra**



2005. Ph.D. Massachusetts Institute of Technology (2006), urban studies and planning. Associate Professor of Practice. Community design policy and preservation, urban design, historic preservation, commemoration.

**Elizabeth Morton**



2012. Ph.D. University of Texas at Arlington (2006), urban and public administration. Assistant Professor. Critical social theory, governance, philanthropy and the non-profit sector, politics of knowledge production.

**Patricia Nickel**



2006. GIA. Ph.D. St. Antony's College – Oxford (1987), international relations. Professor. Conflict resolution, post-conflict peace-building, Israeli-Palestinian peace process, regional cooperation, regional security.

**Joel Peters**



1994. CPAP. Ph.D. University of California at Berkeley (1986), jurisprudence and social policy. Associate Professor. Public and private sector self-regulation, organization culture, social policy, and ethics.

**Joseph Rees**



2006. CPAP. Ph.D. University of Virginia (2005), political Science. Associate Professor. Public policy, public organizations, federal agencies.

**Patrick Roberts**







**Joyce  
Rothschild**

1991. GIA. Ph.D. UC-Santa Barbara (1977), sociology. Professor. Democratic governance especially in civil society; critical organizational theory especially alternatives to bureaucracy and hierarchy; economic restructuring and its implications for democracy and social equity.



**Tom  
Sanchez**

2010. UAP. Ph.D. Georgia Tech (1996), city planning. Professor. Transportation, land use, residential location behavior, and questions of social equity in planning; geographic information systems.



**Todd  
Schenk**

2015. UAP. Ph.D. Massachusetts Institute of Technology (2015), public policy and planning. Assistant Professor. Collaborative planning and decision making; public sector dispute resolution; joint fact finding; environmental policy and planning; climate change adaptation; sustainable development; serious games for action research.



**Tom  
Skuzinski**

2015. UAP. Ph.D. University of Michigan (2015), urban urban and regional planning. Assistant Professor. Planning and law; policy implementation and governance; land use and housing policy at local, interlocal, and regional levels in the U.S.; the “cultural cognition of governance.”



**Max  
Stephenson**

1989. UAP. Ph.D. University of Virginia (1985), government. Professor, and Director, Institute for Policy and Governance. Public administration, policy implementation, non-profit organizations and management.



**Gerard  
Toal**

1989. (Ó Tuathail, Gearóid) GIA. Ph.D. Syracuse (1989), political geography. Professor. Political geography, critical geopolitics, globalization theories, global conflicts, post-war reconstruction, discourse analysis, global governance, social theory, post-Communist states, nationalism, demographic change, Europe, Bosnia-Herzegovina, northern Caucasus, economic geography.

2006. UAP. Ph.D. Cornell University (1991), city and regional planning. Associate Professor and Co-chair, UAP. Environmental planning, urban development, hazardous waste, water resources, hazards, GIS, spatial analysis.

*Kris  
Wernstedt*



1995. UAP. Ph.D. SUNY-Syracuse (1986), land use planning. Associate Professor and Co-chair, UAP. Land use planning, comprehensive planning, neighborhood revitalization, crime prevention.

*Diane  
Zahm*



2008. UAP. Ph.D. Texas A&M University (2006), urban and regional studies. Assistant Professor. Environmental planning; environmental science; research methods; fundamentals of GIS; advanced GIS applications; land use planning; planning methods; applied planning.

*Yang  
Zhang*



## Honors and Awards

## honors & awards



**David  
Bieri**

**Virginia Tech Real Estate  
Program Junior Faculty  
Fellow**

Virginia Tech  
2016-2019



**Maggie  
Cowell**

**Promotion to Associate Professor  
with Tenure**

Virginia Tech  
Spring 2017



**Ralph  
Hall**

**2016 Outstanding Dissertation  
Advisor Award in Social Sciences,  
Business, Education, and  
Humanities**

Virginia Tech

**2016 Karen B. Smith Award for  
Outstanding Outreach to the  
Community**

American Planning Association

**2016 National Capital Region  
Faculty Association Outstanding  
Faculty Award and Lecture**

Virginia Tech



**Patrick  
Roberts**

**Wertheim Study  
Researcher-in-Residence**

New York Public Library  
2015-2016



**Steve  
Hankey**

**2016 Outstanding Paper Award**

Transportation Research Board -  
Committee on Pedestrians

**Visiting Scholar Award**

Rutgers University - Newark  
2015-2016



**Joyce  
Rothschild**

**University Teaching Excellence Award**

Virginia Tech  
April, 2016

# Publications

## publications

### books and monographs

#### Paul Knox

Marston, S., P. Knox, et al. (2016). *World Regional Geography*, 6th edition. New York: Pearson.

Knox, P. (forthcoming). *Metroburbia: The Anatomy of Greater London*. London: Merrell.



#### Tom Sanchez

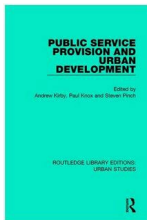
Sanchez, T. W. (forthcoming). *Planning Knowledge and Research*. New York, NY: Routledge.

#### Tom Skuzinski

Skuzinski, T. (forthcoming). *The Risk of Regional Governance*, Routledge 2017.

### books edited

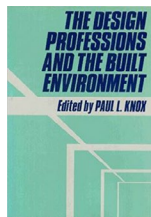
#### Paul Knox



Kirby, A., P. L. Knox, and S. Pinch (eds.). (In press). *Public Service Provision and Urban Development*. London: Routledge Library Editions, e-book and print.

Bohland, J., S. Davoudi, P. Knox, and J. Lawrence (eds.). (In press). *The Resilience Machine*. London: Routledge.

Knox, P. L. (ed.). (2016). *The Design Professions and the Built Environment*. London: Routledge Library Editions, e-book and print.



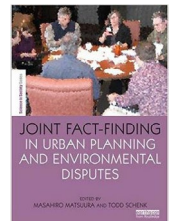
#### Joyce Rothschild

Rothschild, J. (guest editor). (2016). Special thematic issue of *The Sociological Quarterly* on *Building Towards a Cooperative Economy and Democracy 2.0* (pp. 150). Wiley Blackwell Publishers.



#### Todd Schenk

Matsuura, M. and T. Schenk (eds.). (2016). *Joint Fact-Finding in Urban Planning and Environmental Disputes*. London and New York: Routledge.





## book chapters

### David Bieri

Bieri, D. S. (Forthcoming). "Back to the Future: Lösch, Isard, and the Role of Money and Credit in the Space-Economy," in R. L. Jackson and P. V. Schaeffer (eds.), *Regional Research Frontiers: The Next Fifty Years*. Heidelberg and New York: Springer.

Bieri, D. S. (Forthcoming). "Conceptualizing Financial Resilience: The Challenges for Urban Theory," in J. Bohland and J. Harald, *The Resilience Challenge: Looking at Resilience through Multiple Lenses*. Springfield, IL: Charles Thomas Publishers.

### Brian Cook

Cook, B. J. (2016). "Public Administration and Constitutional Theory: Reflections on 'The Organ of Experience,'" in *The Constitutional School of American Public Administration*. New York: CRC Press.

### Maggie Cowell

Cowell, M. and K. DeSouza. (In press). "Micro-scale Disasters and Local Resiliency," in J. Bohland, J. Harald and D. Brosnan (eds.), *The Resiliency Challenge: Transforming Theory to Action*. Springfield, IL: Charles C Thomas Press.

Cowell, M. and H. Mayer. (2016). "Anchoring a Federal Agency in a Washington, DC Community: The Department of Homeland Security at St. Elizabeths," in D. Hyra and S. Prince (eds.), *Capital Dilemma: Growth and Inequality in Washington, DC*. New York and London: Routledge.

### Karen Hult

Hult, K., D. Cohen, and C. Walcott. (2016). "The Chiefs of Staff in the George W. Bush White House," pp. 93-107 in M. Bose and R. Himelfarb (eds.), *The George W. Bush Presidency: Domestic and Economic Policy*. New York: Nova Science Publishers.

Hult, K. (2016). "Representation in and by the White House," pp. 147-164 in J. M. Martin and M.A. Borrelli (eds.), *The Gendered Executive: A Comparative Analysis of Presidents, Prime Ministers, and Chief Executives*. Philadelphia: Temple University Press.

### Sara Jordan

Jordan, S. R. (2016). "Positive Leadership Behavior," in *Global Encyclopedia of Public Administration, Public Policy and Governance*. Springer.

Jordan, S. R. (2016). "Public Organization and Regulation," in *Global Encyclopedia of Public Administration, Public Policy and Governance*. Springer.

Jordan, S. R. (2016). "Formal Rulemaking in Public Administration," in *Global Encyclopedia of Public Administration, Public Policy and Governance*. Springer.

### Paul Knox

Wei, F. and P. Knox. (In press). "Neighbourhood change and spatial transformation in the North Carolina Piedmont region, 1980-2010," in J. Nijman (ed.), *The Life of North American Suburbs*. University of Toronto Press.

## book chapters

### Knox continued

Knox, P. (In press). "Reflexive Neoliberalism, Urban Design, and Regeneration Machines," in H. Westlund and T. Haas (eds.), *In the Post-Urban World*. London: Routledge.

### Tim Luke

Luke, T. W. (2016). "Caring for the Low Carbon Self: The Government of Self and Others in the World as a Gas Greenhouse," in H. Bulkeley, M. Patterson, and J. Strippel (eds.), *Towards a Cultural Politics of Climate Change Devices, Desires and Dissent*. Cambridge University Press.

### Shalini Misra

Misra, S. and C. Trivedi. (In press, February 2017). "Psychological impacts of technological change," in A. Czopp and A. Blume (eds.), *Social Issues in Living Color: Challenges and Solutions from the Perspective of Ethnic Minority Psychology*. Praeger.  
<http://www.abc-clio.com/Praeger/product.aspx?pc=A4522C>

### Patrick Roberts

Roberts, P. S., K. Wernstedt, J. Arvai, and K. Redmond. (In Press.) "The Emergency Manager as Risk Manager," chapter in J. Kendra and S. Knowles (eds.), *The New Environmental Crisis*. Springer.

### Joyce Rothschild

Rothschild, J. (2016, forthcoming). "Democratic Decision-Making in Community Organizations," in R. Cnaan and C. Milofsky (eds.), *Handbook on Voluntary and Community Organizations*. Springer.

### Tom Sanchez

Sanchez, T. W. and N. Afzalan. (Forthcoming). "Mapping the Knowledge Domain of Planning," in T. W. Sanchez (ed.), *Planning Knowledge and Research*. New York, NY: Routledge.

### Todd Schenk

Schenk, T. (2016). "Facts for now, facts for use: satisficing and adapting in joint fact-finding," pp. 82-99 in M. Matsuura and T. Schenk (eds.), *Joint Fact Finding in Urban Planning and Environmental Disputes*. London and New York: Routledge.

Czaika, E., D. Rumore, and T. Schenk. (2016). "Finding the facts about joint fact-finding: criteria and approaches for rigorous evaluation," pp. 181-203 in M. Matsuura and T. Schenk (eds.), *Joint Fact Finding in Urban Planning and Environmental Disputes*. London and New York: Routledge.

Matsuura, M. and T. Schenk. (2016). "Introduction: the theory and practice of joint fact-finding," pp. 1-13 in M. Matsuura and T. Schenk (eds.), *Joint Fact Finding in Urban Planning and Environmental Disputes*. London and New York: Routledge.

Matsuura, M. and T. Schenk. (2016). "Conclusion," pp. 204-210 in M. Matsuura and T. Schenk (eds.), *Joint Fact-Finding in Urban Planning and Environmental Disputes*. London and New York: Routledge.

## book chapters

### Schenk continued

Schenk, T., E. Chaika, D. Rumore, and M. Russo. (2016). "Joint Fact-Finding: An approach for advancing interactive governance when scientific and technical information is in question," pp. 376-399 in J. Edelenbos and I. van Meerkerk (eds.), *Critical Reflections on Interactive Governance*. Cheltenham, UK: Edward Elgar Publishing.

### Tom Skuzinski

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### Max Stephenson

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## ***Presentations***

### *presentations*

#### **David Bieri**

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Bieri, D. S. (2016). "Commodity, Fiat, or Credit? Economic Geographies of Money and Finance and Their Uneasy Relationship with Monetary Theory." AAG Annual Meetings, American Association of Geographers, San Francisco, CA, March.

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#### **Ralph Buehler**

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### Adam Eckerd

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Eckerd, A. and R. Hedelberg. (2016). "Administering Participation: Citizens and NEPA." American Political Science Association, Philadelphia, PA, September.

Eckerd, A. and A. Girth. (2016). "Contract Design As Risk Management: Assessing Complexity and Mission Criticality." Academy of Management Conference, Anaheim, CA, August.

Eckerd, A. (2016). "Using Agent-Based Models to Understand Complex Public Policies." Andrew Young School of Policy Studies at Georgia State University, Atlanta, GA, January.

### Ralph Hall

Gupta, K. and R. P. Hall. (2016). "[Measuring Smart Cities in India](#)." 2016 Smart Cities Summit.

Hall, R. P. (2016). "[Providing Video Feedback on Assignments](#)." The 2016 Conference on Higher Education Pedagogy, Virginia Tech, Blacksburg.

Wenzel, S. G. and R. Hall. (2016). "Visualizing Water Services for Decision Making: The Creation of a Highly Interdisciplinary and International Research Endeavor." Virginia Tech College of Architecture and Urban Studies Research Symposium.

Hall, R. (2016). "[Sustainable Transportation Research Needs](#)." Transportation Research Board (TRB), Annual Meeting. Washington, D.C.

Hall, R. (2016). "Designing the Impact Evaluation of the MCC Rural Water Program in Nampula, Mozambique." Mzuzu University, Malawi.

Hall, R. (2016). "[Data Anonymization: Lessons from a Millennium Challenge Corporation Impact Evaluation](#)." 2016 Open Data Week, Virginia Tech, Blacksburg, VA.

Hall, R., and E. Vance. (2016). "[\(Some of\) the Data's Out There, Now What?](#)" The MCC Open Data: Big Impact Seminar, Millennium Challenge Corporation, Washington, D.C.

### Steve Hankey

Wang, J., S. Hankey, and G. Lindsey. (2016). "Exposure to risk and the built environment, an empirical study of bicycle crashes in Minneapolis." Meeting of US Department of Transportation - UTC.

Wang, J., S. Hankey, and G. Lindsey. (2016). "Exposure to risk and the built environment, an empirical study of bicycle crashes in Minneapolis." Meeting of Association of Collegiate Schools of Planning (ACSP).

Hankey, S. and P. Sforza. (2016). "A real-time, mobile air quality monitoring platform for developing spatial models." Meeting of International Society of Environmental Epidemiology (ISEE).

## presentations

### Hankey continued

Hankey, S. and G. Lindsey. (2016). "Land use regression models for active travel: Spatial estimates of walking and biking for exposure assessment." Meeting of International Society of Environmental Epidemiology (ISEE).

Lu, T. and S. Hankey. (2016). "Using temporal patterns of bicycle and pedestrian traffic to define factor groups." Meeting of North American Travel Monitoring Exposition and Conference (NATMEC).

Wang, J., S. Hankey, and G. Lindsey. (2016). "Monitoring and modeling urban trail traffic: Validation of direct demand models in Minneapolis, MN and Columbus, OH." Meeting of Transportation Research Board (TRB).

Hankey, S. (2016). "Designing Bicycle and Pedestrian Traffic Count Program to Estimate Performance Measures on Streets and Sidewalks in Blacksburg, VA." Charlottesville, VA.

Hankey, S. (2016). "Bicycle and Pedestrian Count Program in Blacksburg, VA." Charlottesville, VA.

Hankey, S. (2016). "Building clean, health-promoting cities: Making the case for active travel." Atlanta, GA.

### Laura Jensen

Jensen, L. (2016). "Three Neglected Concepts: State Capacity, Sovereignty, and Legitimacy." 2016 Public Management Research Association Research Conference, Aarhus University, Aarhus, Denmark, June.

Jensen, L. and D. Sedgwick. (2016). "Separate and Dissimilar: Federalism and the Making of Parallel Preschool Programs." 2016 Policy History Conference, Nashville, TN, June.

### Sara Jordan

Jordan, S. R. (2016). "Oligarchy and American Institutions." Liberal Arts International Conference, Texas A&M University Qatar, 31 January -2 February.

Jordan, S. R. and J. Edwards. (2016). "Defining Agency and Vulnerability: PEPFAR and the Role of Women in HIV/AIDS Prevention." Women's Health in Global Perspective Conference and Workshop, George Mason University, March.

Jordan, S. R. (2016). "Sustainability and Resilience: New Political Virtues or Old Tropes of Power." Midwest Political Science Association, April.

Jordan, S. R. and D. Larson. (2016). "Keeping up with the Europeans: Phthalates and the Effort to Maintain Safety Parity." Midwest Political Science Association, April.

Jordan, S. R., S. Adkins, and J. Edwards. (2016). "Dense Networks and Conflicts of Interest: A Challenge for Ethical Governance of Global Programs." Midwest Political Science Association, April.

Jordan, S. R. (2016). "Chasing the Horses after they are Already in the Barn: Consenting Elites for Social Science Research." Experiments in Political Science, West Virginia University, Morgantown WV, May.

### Jordan continued

Jordan, S. R. (2016). "Ethics Concerns or Leaders and Employees of Unmanned Aerial Systems Businesses," James Madison University, August.

Jordan, S. R. (2016). "What is the social in social good and social benefit?" International Ethics Summit, Texas A&M University, Qatar, December.

Jordan, S. R. (2016). "What we talk about when we speak about ethics." International Ethics Summit, Texas A&M University, Qatar, December.

Jordan, S. R. (2016). "The Global Initiative for Ethical Considerations in the Design of Autonomous Systems." IEEE The Hague, August.

Jordan, S. R. (2016). "Defining Ethical Terms Empirically." IEEE P7000 Working Group Meeting.

### Robin Lemaire

Lemaire, R., J. Potter, C. Mann, D. Hariharan, A. Hazra, and J. Ruducha. (2016). "Targeting Newborn Health in Uttar Pradesh, India: The Role of Community Platforms in Changing Health Behaviors." ARNOVA, November.

Lemaire, R. and M. Linder-Zarankin. (2016). "The Functions of Community Organizations as Partners in Emergency Response: An AGIL View." ARNOVA, November.

Sedgwick, D. and R. Lemaire. (2016). "The Iron cage of Collaboration: Isomorphic Pressures and the Degree of Public-Public Pre-school Program Collaboration." Public Management Research Association national meeting, June.

Van der Oord, S., R. Lemaire, P. Kenis, and B. Cambre. (2016). "Governance, Structure, and Processes: A configurational framework for the study of goal-directed networks." Public Management Research Association national meeting, June.

Lemaire, R. and S. Leischow. (2016). "The Ties to Practice: An Examination of Information Sharing Ties and Implementation of Evidence-Based Practices in a Smoking Cessation Network." Goal-Directed Network Workshop, June.

Lemaire, R., R. Mannak, S. Ospina, and M. Groenleer. (2016). "What do we know about the study of goal directed networks?: Striving for State of the Art via Meta-Synthesis." Goal-Directed Network Workshop, June.

### Tim Luke

Luke, T. W. (2016). "Hiding in the Hybridities of Climate Change: Interrogating the Anthropocene." Annual meeting of the American Political Science Association, Philadelphia, PA, September 1-4.

Luke, T. W. (2016). "Spinning Anthropocenarios." Annual meeting of the American Association of Geographers, San Francisco, CA, March 29-April 1.

## presentations

### Luke continued

Luke, T. W. (2016). "On the Anthropocene." Annual meeting of the American Association of Geographers, San Francisco, CA, March 29-April 1.

Luke, T. W. (2016). "Turning Political Theory towards The Anthropocene: An Open Road or another Dead-End?" Annual meeting of the Western Political Science Association, San Diego, CA, March 24-26.

Luke, T. W. (2016). "Reflections from a Damaged Planet: The Anthropocene as Accompaniment to Adorno." Annual meeting of the Western Political Science Association, San Diego, CA, March 24-26.

Luke, T. W. (2016). "The Nuclear Condition." Annual meeting of the International Studies Association, Atlanta, GA, March 16-20.

Luke, T. W. (2016). "The Ascetic Dimension: Ethics for Governance of the Self and Others in Responding to Rapid Climate Change." 2016 Telos Conference: "Beyond Nostalgia: Ethics, Politics, and the Critique of Modernity," New York University, January 15-18.

Luke, T. W. (2016). "Dismantling the Resilience Machine as a Restoration Engine." Dismantling the Resilience Machine as a Restoration Engine Workshop. Arlington, Virginia.

Luke, T. W. (2016). "Grounding Sociologies of the Future: Anthropocene Futures Emerging from the Present Burning Up the Past." Third ISA Forum on Sociology. Vienna, Austria.

### Shalini Misra

Misra, S. (2016). "The Digital Mind: Psychological Science in the Age of Fleeting Attention." 2016 American Psychological Association Annual Convention, August.

### Trish Nickel

Nickel, P.M. (2016). "Philanthropy and the Politics of Well-Being." American Political Science Association Annual Meeting, Philadelphia, PA, September 1-4.

Nickel, P.M. (2016). "Racing Philanthropy: 'Actually Existing' Charity and the Politics of Significance." Political Studies Association UK Sport and Politics Group.

### Joel Peters

Peters, J. (2016). Lecture on Israeli foreign policy to 2nd annual conference on Modern Israel Studies, University of Arizona Tuscon, December.

### Patrick Roberts

Roberts, P. (2016). "Risk and Recovery from Megadisaster." Korean Association for Policy Studies, Seoul, Korea, September.

Roberts, P. (2016). "Policy Transfer at the U.S. Fusion Center Network." Security Policy Coordination Workshop, Dalhousie, Halifax, Nova Scotia, August.

Roberts, P. (2016). "Expanding the Timeline of Disaster: The Case of Hurricane Katrina." Midwest Political Science Association, Chicago, IL, April.



### Roberts continued

Roberts, P. (2016). "The CTBTO and the IAEA and the Fukushima Response." American Society for Public Administration, Seattle, WA, March.

Roberts, P. and K. Wernstedt. (2016). "Decision Biases and Heuristics in Mis-Interpreting Forecast Information." Seattle, WA, March.

Roberts, P. (2016). "Administrative Statesmanship in the CTBTO and the IAEA during the Fukushima Response." Classical Realism Meets Critical Theory Workshop II, Leverhulme Trust, Aberystwyth, UK, January.

Roberts, P. (2016). "Disaster Resilience and Recovery." Woodrow Wilson Center, Washington, DC, November.

Roberts, P. (2016). "The US Congress Staff System." Korean National Assembly Chiefs of Staff Meeting, Seoul, Korea, September.

Roberts, P. (2016). "Risk and Recovery from Megadisaster: The Case of Hurricane Katrina." Kookmin University, Seoul, Korea, September.

Roberts, P. and K. Wernstedt. (2016). "Decision Biases and Heuristics Among Emergency Managers." Institutions and Market Processes Colloquium, Department of Economics, New York University, April.

### Joyce Rothschild

Rothschild, J. (2016). "Democratic Decision-making in community and social movement organizations." Community Scholars Seminar, Seattle, WA, August.

Rothschild, J. (2016). "Critique of Do-It-Yourself Democracy." American Sociological Association, Seattle, WA, August.

Rothschild, J. (2016). "Two Forms of Democratic Decision-Making: Representative vs. Participatory." ARNOVA, Washington, D.C, November.

Rothschild, J. (2016). "Cultural Inclusivity and Emergent Values in Workers' Cooperatives." Beyster Symposium on Workers' Ownership and Workers' Cooperatives, Rutgers University, New Brunswick, NJ, January.

### Tom Sanchez

Sanchez, T. W. (2016). "Faculty Evaluation Using Citation Analysis: What's It All About?" Association for Collegiate Schools of Planning Annual Conference, Portland, OR.

Sanchez, T. (2016). Journal Editors Roundtable, Association for Collegiate Schools of Planning Annual Conference, Portland, OR.

Sanchez, T. W. (2016). Planners of Color Interest Group (POCIG) and the ACSP Committee on Diversity Joint Roundtable: "Moving Faculty of Color through the Pipeline from Associate to Full." Association for Collegiate Schools of Planning Annual Conference, Portland, OR.

## presentations

### Sanchez continued

Sanchez, T. W. (2016). Roundtable moderator - Lessons from Housing Policy Debate's Special Issue on Location Affordability. Association for Collegiate Schools of Planning Annual Conference, Portland, OR.

Sanchez, T. W. (2016). "Metropolitan Governance: The Metropolitan Planning Organization Model." Inter-American Development Bank, Washington, DC.

### Todd Schenk

Schenk, T., E. Czaika, and D. Rumore. (2016). "Finding the Facts About Joint Fact-Finding: Criteria and Approaches for Rigorous Evaluation." Association of Collegiate Schools of Planning Annual Conference, Portland, OR.

Chu, E., J. Klein-Rosenthal, C. Roan, and L. Shi. (2016). Roundtable – "Beyond Environmental Sustainability: Emerging Paradoxes of Planning for Climate Resilience in Cities." Association of Collegiate Schools of Planning Annual Conference, Portland, OR.

Schenk, T. (2016). "Facilitating Climate Change Adaptation in Urban Environments." Association of American Geographers Annual Meeting, San Francisco, CA.

Shi, L., K. Goh, T. Schenk, Z. Lamb, and J. Holler. (2016). "Spatializing Urban Climate Change Governance." Association of American Geographers Annual Meeting. San Francisco, CA.

### Tom Skuzinski

Skuzinski, T. (2016). "Cooperative Land Use Planning Among Local Governments: Toward an Institutional Typology and Theoretical Framework." International Academic Association on Planning, Law, and Property Rights, 10th Annual Conference, February.

Skuzinski, T. and H. Le (2016). "Using Cultural Cognition to Understand Travel Mode Choice." Urban Affairs Association 46th Annual Conference, March.

Weinreich, D. P. and T. Skuzinski. (2016). "Getting to Work or Not? Assessing the Importance of Regional Governmental Autonomy in Metropolitan Transportation Policy." Association of Collegiate Schools of Planning, 56th Annual Conference, November.

Skuzinski, T. and E. Linkous. (2016). "Private, Public, Participatory, or More? Examining Competing Ideologies in Land Use Law." Association of Collegiate Schools of Planning, 56th Annual Conference, November.

### Max Stephenson

Stephenson, M. O. and L. Zanolli. (2016). "Exploring the Nexus of Aesthetics, Agency and Peacebuilding." CAUS Biannual Research Conference. Blacksburg, VA.

Stephenson, M.O. and L. Zanolli. (2016). "Developing the Building Blocks for a Theory of the Arts for Peacebuilding." International Studies Association.

### *Stephenson continued*

Zanotti, L. and M. Stephenson. (2016). "International Aid, Development and Higher Education: an analysis of one initiative in rural Haiti." European Group on Organization Studies, July.

Zanotti, L., M. Stephenson, C. Zennaro, and A. Grando. (2016). "Mutual Learning. Agency, Accountability and Development in two Cases." International Society for Third Sector BI-annual conference.

### *Susan Sterett*

Sterett, S. (2016). "What's the Evidence? Data Analytics and Law as Alternative Frames." Interpretive Policy Analysis Conference, Hull, England, July.

Sterett, S. (2016). "Disaster and Sociolegal Studies." International Sociology Association Meetings, Vienna, Austria, July.

### *Gerard Toal*

Toal, G. (2016). "The Novorossiia Project." Association for the Slavic, East European and Eurasian Studies, Washington DC.

Toal, G. (2016). "Rescue Fantasies: Russian Invasions as Affective Storylines." Association for the Study of Nationalities, New York.

Toal, G. (2016). Discussion of Political Geography plenary lecture by Dr John O'Loughlin. Association of American Geographers. San Francisco.

### *Yang Zhang*

Zhang, Y. (2016). "Building Food Resilient Cities: Modeling Effects of Land Development on Flooding." The 2016 Beijing JiaoTong University Symposium on Synergy Development of Transportation and Mega-region, Beijing, China, June.

Zhang, Y. (2016). "Writing Literature Review." The 10th International Association of China Planning (IACP) Conference, Beijing, China, July.

## **Funded Projects**

*funded projects*

### **Ralph Buehler**

Eisenhower Graduate Fellowship - Lukacs, Federal Highway Administration, Department of Transportation, USD 5,000, Pls: Buehler Ralph (100%), 09/14/2015-09/13/2016

GRA Rails to Trails Conservancy, Rails to Trails Conservancy, USD 17,000, PI: Buehler Ralph (100%), 08/01/2015-06/30/2016

### **Maggie Cowell**

Appealing to the Authority of Data: Social Complexity, Fragmented Decisionmaking, and the Politics of Smart Cities. National Science Foundation. Pls S. Sterett (44%) and A. Eckerd (44%); Co-Pls Orr (8%) and Cowell (4%). \$200,000, 8/16-8/17

Smart, Sustainable, Small Cities (a partnership between Virginia Tech and Hollins University) Global Forum for Urban and Regional Resilience. PI Cowell (80%); Co-PI J. Bohland (20%) \$6,000, 05/16-10/16

Youngstown Code Enforcement Capacity Building Project. Wean Foundation. PI: Schilling (11/15-2/16); PI Cowell: (2/16-10/16). \$79,627, 11/15-10/16

Youngstown Code Enforcement Capacity Building Project. Youngstown Foundation PI: Schilling (11/15-2/16); PI: Cowell (2/16-10/16). \$20,000, 11/15-10/16

Same Ecosystem, Different Entrepreneurs: A proposal to create and pilot an entrepreneurial ecosystem assessment. Kauffman Foundation. PI: S. Lyon- Hill (40%); Co-Pls: Cowell (30%), Provo (5%), Tate (20%), Mohammed (5%). \$45,000, 10/15-10/16

### **Adam Eckerd**

Appealing to the Authority of Data: Social Complexity, Fragmented Decisionmaking, and the Politics of Smart Cities. National Science Foundation. Pls: Sterett Susan M (44%), Eckerd Adam M (43%), Orr Mark G ( 9%), Cowell Margaret M ( 4%). \$199,999, 06/01/2016-08/31/2017

Fairfax County Economic Success Plan, Fairfax County. Pls: Bulka Lauren M (48%), Eckerd Adam M (48%), Khademian Anne M (4%). \$60,000, 01/01/2016-12/31/2016

## *funded projects*

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### *Ralph Hall*

International Program and Sustainable Infrastructure Development, University Grant Commission, USD 61,576. Pls: Hall Ralph P (34%), Garvin Michael J (33%), Misra Shalini (33%), 08/01/2012-07/31/2016

Interdisciplinary Exploratory Research: Visualizing Water Services for Community Decision Making, Institute for Society, Culture, and Environment (ISCE), 04/15/2015

### *Steve Hankey*

Center for Air, Climate, and Energy Solutions. Environmental Protection Agency. \$278,629 Pls: A Robinson, J Marshall, P Adams, J Apte, I Azevedo, A Boies, M Brauer, R Burnett, J Coggins, N Donahue, M Ezzati, S Hankey, J Hill, P Jaramillo, H Matthews, J Michalek, D Millet, N Muller, S Pandis, S Polasky, C Pope, A Presto. 08/01/2016-07/31/2021.

Multi-city, national-scale direct-demand models of peak-period bicycle and pedestrian traffic Mid-Atlantic Transportation Sustainability University Transportation Center. Department of Transportation. \$89,232. Pls: S Hankey, R Buehler. 06/01/2016-05/31/2017.

Designing a bicycle and pedestrian traffic count program to estimate performance measures on streets and sidewalks in Blacksburg, VA. Mid-Atlantic Transportation Sustainability University Transportation Center. Department of Transportation. \$147,218. Pls: S Hankey, R Buehler, A Mondschein. 01/01/2015-05/31/2016.

Mood state in transport environments: Assessing the impact of mode, purpose, and the built environment. Institute of Society, Culture, and Environment. \$9,430. Pls: S Hankey, S Geller 07/01/2016-06/30/2017.

### *Sara Jordan*

Spring and Summer 2016. Virginia Tech Transportation Institute, project 459069. \$246,000

### *Shalini Misra*

Creating a culture of collaboration at George Washington University (C3GWU) (2016-2018)  
Role: Project Lead for "Being a Cross-Disciplinary Scientist" Think Tank. Sponsor: George Washington University

Faculty Mentoring Grant, Office of the Provost, Virginia Tech. Role: Principal Investigator, (\$1500)

D.C. Initiative (2013-2017). Role: Team member; Director: Maggie Cowell. Sponsor: Institute of Society Culture and Environment, Virginia Tech. Amount: \$100,000.00



## *funded projects*

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### *Patrick Roberts*

Visiting Scholar Award 2015-16, Rutgers University – Newark, Rutgers University, USD 53,000, 08/10/2015-08/15/2016

Managing Flood Recovery and Resilience, Korean Research Institute for Human Settlements, with Woodrow Wilson Center, USD 30,000, Principal Investigators: Patrick Roberts, Yang Zhang, 01/15/2014-08/15/2016

National Science Foundation, “Emergency Management in Rural America: Decision-Makers’ Use of Climate Science in Flood Planning and Management,” Award 1133263, Co-PI with Kris Wernstedt, \$399,597 total, Virginia Tech share is \$192,209, 8/2011-12/2016 (extended).

### *Tom Sanchez*

Housing and Economic Development. PIs: Melissa Jones, Andrew McCoy, Thomas Sanchez, Charles Koebel. Sponsor: Virginia Housing Development Authority. Amount: \$615,138.00 (August 18, 2015 - November 20, 2017).

### *Todd Schenk*

The Frenemies Project: Facilitating civil discourse among the utterly opposed, VT Institute for Society, Culture, and Environment, 04/08/2016-06/06/2016 (funded - USD 3,580)

Faculty Mentoring Grant, Office of the Provost, 04/01/2016-present (funded – USD 1,500)

### *Tom Skuzinski*

NSF proposal #1714330 (RAPID). Co-PI: James R. Bohland. \$49,879. Expressed Values in Recovery Policy Formation in the Aftermath of Hurricane Matthew. (11/21/16)

NSF proposal #1662959. \$312,992. Co-PI: Tripp Shealy (Civil and Environmental Engineering) Integrating informational interventions about infrastructure impacts in Municipal Land Use Decision-making Processes. (9/13/16)

Department of Energy Office of Energy Efficiency and Renewable Energy Cities Leading through Energy Analysis and Planning (LEAP) #1403-1513. Co-PI: Tripp Shealy (Civil and Environmental Engineering); Co-PI: Carol Davis (Town of Blacksburg); Advisory: John Randolph (SPIA), Steve Hankey (SPIA)). \$402,024. Blacksburg LEAP: Achieving Energy Intelligence through Geospatial Decision Support and Evaluation. (6/23/16)

ISCE Summer Scholars Program 2016. Co-PI: Travis Mountain, Ag-Econ). \$20,000. The Effect of Youth Financial and Economic Educational Interventions on Indicators of Household Food and Shelter Security: A Pilot Study in Virginia. (3/4/16)

## *funded projects*

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### *Max Stephenson*

Loudoun County Non Profit Needs Assessment, County of Loudoun, USD 75,000. Pls: Mary E Dunkeberger (90%), Stephenson Max O (10%). 11/04/2016-11/03/2017

### *Susan Sterett*

Research Grant: Appealing to the Authority of Data (With Adam Eckerd, Maggie Cowell and Mark Orr). NSF #1637205. \$199,999

Workshop: Advancement through Narrative. With Judith Grant (Ohio University) and Jennifer Diascro (University of California, District of Columbia). NSF 1643084. To be held in October 2017.

Workshop: Sociolegal Studies and Climate Change. With Anna Maria Marshall (Sociology, UIUC). To be held July 2017 at the International Institute for the Sociology of Law.

Workshop: Advancing Ethics in Cybersecurity and Data Analytics. Susan M. Sterett, Kelly A. Joyce. Sponsor: NSF (#1623445). Amount: \$49,905.00. Workshop held at VTRC-A in September 2016.

### *Gerard Toal*

Attitudes and Beliefs in Russian-Supported De Facto States and Eastern Ukraine in the Wake of the Crimean annexation, National Science Foundation, National Science Foundation, Principal Investigators: John O'Loughlin, 04/01/2014-07/31/2016

### *Kris Wernstedt*

Collaborative Research: CRISP Type 2: Coordinated, Behaviorally-Aware Recovery for Transportation and Power Disruptions (CBAR-tpd), National Science Foundation, National Science Foundation, USD 876,913, Principal Investigators: Murray-Tuite Pamela M (40%), Wernstedt Kris F (35%), Fox Edward A (25%), 10/01/2016-12/31/2020

Management in Rural America: Decision-Makers Use of Climate Science in Flood Planning and Management, National Science Foundation, 01/01/2011-12/31/2016

### *Yang Zhang*

Building Urban Resilience: Managing Disaster Recovery after Major Flood Disasters. Pls: Patrick Roberts, Yang Zhang. Sponsor: Korean Research Institute for Human Settlements. Amount: \$24,000.00. (March 1, 2016 - September 1, 2016).

Quantifying Natural Disasters' Impact on Neighborhood Transition. Pls: Yang Zhang, Christopher Zobel. Sponsor: Global Forum for Urban and Regional Resilience. Amount: \$15,000. (April 2016 – September 2017)



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