

# School of Public and International Affairs



Center for Public Administration and Policy  
Government and International Affairs  
Urban Affairs and Planning



## 2013-14 Report of Faculty Research & Scholarship

School of Public & International Affairs  
2013-2014 Report  
of Faculty  
Research &  
Scholarship

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

The Land Grant University of the 21st Century must engage and inform the pressing public problems of our time: Rapid urban growth, crumbling infrastructure, climate change, declining states, economic development, and struggling democracies. These challenges have no boundaries and no finish line. Our efforts to inform and tackle these problems must be innovative, cutting edge, and different. This year the faculty, students and staff in VT SPIA continued to take important steps toward developing the knowledge, methods, and programs needed to

cross boundaries, blend disciplines, collaborate and lead to effectively engage local, state, national and international challenges through research, teaching and outreach.

This report highlights the 2013-2014 Academic Year for SPIA, and provides an overview of the teaching, research and outreach of the School.



*Anne Khademian*

## Highlights

# highlights

- Visit with President Tim Sands:** In March 2014, SPIA hosted a visit by then incoming Virginia Tech President Tim Sands in Alexandria. During the visit we had the opportunity to share initiatives underway, as well as longer term efforts focused on building the collaborative capacity of the School. Joining the meeting was Jack Davis, Dean of the College of Architecture and Urban Studies, and Steve McKnight, Vice President of the National Capital Region.
- RFFC-ISCE research grant competition in resilience:** SPIA launched its first research grant competition as part of the Ridenour Faculty Fellowship Conference (RFFC) to advance collaborative research opportunities for SPIA faculty. SPIA partnered with the Institute for Society Culture and the Environment (ISCE) in the grant competition, and the two winning proposal teams will present their work in progress in an October 2014 workshop in the new VT research facility in Arlington. The two winning teams are led by **Robin Lemaire** of CPAP, and **Yang Zhang** and **Maggie Cowell** of UAP. Both teams include faculty from other colleges in the University, and graduate students from SPIA.
- Preparing the next generation of local government leadership:** CPAP's certificate in Local Government Management continues to grow in enrollments across the Commonwealth. Led by Professor of Practice **Bob Stripling** and CPAP Chair **Brian Cook**, the program continues to exceed enrollment projections and plans are underway for an all on-line version of the certificate.
- New Hires:** This Fall 2014, we will welcome **Steve Hankey**, PhD from the University of Minnesota's Department of Civil Engineering, as an assistant professor in Urban Affairs and Planning, and **Sara Jordan**, PhD from Texas A & M, Department of Political Science, as an assistant professor in the Center for Public Administration and Policy. Both Steve and Sara bring strong and innovative research and teaching experience to SPIA.

- **Two Capitals, Two Degrees:** Leaders from Virginia Tech and the University of Kent Brussels approved an MOU establishing a dual degree program to provide students the opportunity for two internationally focused Master degrees in two years, based in two major world capitals. The initiative is led by **Gerard Toal**, Program Director for Government and International Affairs in SPIA in Alexandria, and **Georgeta Pourchot**, Director of the Two Capitals program.

- **Virginia Issues and Answers:** This year SPIA became the editor/publisher of Virginia Issues and Answers (VIA). VIA has been successfully published for nearly 2 decades by University Relations under the direction of Larry Hincker, serving as a forum for public policy issues in Virginia. **Beth Offenbacher**, SPIA's associate director for social media and engagement, is the new editor of VIA, and **Jaimy Alex** is the managing editor. Our first issue in print and on our new web site ([www.via.spia.vt.edu](http://www.via.spia.vt.edu)) featured ethics reform in Virginia, voter access, and public private partnerships.

- **Partnership Leadership and Public Private Partnerships:** SPIA is

taking the first steps toward developing professional programming focused on developing the leadership required to effectively utilize public private partnerships as an essential means to develop, build, and deliver services. Under the guidance of **Emily Brock**, program coordinator, and Rob Stalzer, Deputy County Administrator for Fairfax County and SPIA Professor of Practice for professional programming, the Partnership Leadership program is taking shape and will launch the first workshop this summer.

- **Collaborative Pedagogy in International Development:** UAP faculty **Jocelyn Widmer** and **Ralph Hall** are partnering with Akshay Sharma from the School of Architecture to continue developing a collaborative approach to international development education of undergraduate students in the UAP degree programs that involves community participation, industrial design, and project and grant proposal development.

- **Faculty, Staff and Student Recognition:** This year SPIA's faculty and staff have also been recognized for excellence in scholarship and service. Professor **John Browder** was recognized for 25 years as a member

of the VT faculty, and **Sandy Graham**, graduate student coordinator for Urban Affairs and Planning (UAP) in Blacksburg, and administrative assistant to the program chairs, was recognized for her 25 years of Service to VT, as well. In the NCR, **Myriam Lechuga**, was recognized for her 10 years of service with Government and International Affairs (GIA) and UAP. **Sonia Hirt**, a member of the UAP faculty and the Associate Dean for Academic Affairs in CAUS, was promoted to full professor, and **Patrick Roberts**, an associate professor in CPAP, was recognized for Excellence in Scholarship through the College of Architecture and Urban Studies. **Emily Anne Van Houweling**, a graduate of the Plan-

ning, Governance, and Globalization doctoral program, was awarded Graduate School Honorable Mention for Outstanding Dissertation in the Social Science, Business, Education & Humanities Category, while 24 of our undergraduate students graduated with university honors.

This annual report provides summaries of the teaching and research missions of the school, and highlights several initiatives that illustrate the work of SPIA to advance public and international affairs through our distinctive interdisciplinary methods. For more information about the School, check out our School web site and the program sites @ [www.spia.vt.edu](http://www.spia.vt.edu).

## Teaching and Learning

# Teaching & learning

SPIA student enrollments at the graduate and undergraduate levels were steady this past year, with enrollment growth in the certificate programs in the Center for Public Administration and Policy, in particular. Table 1 lists the number of academic majors enrolled in each

degree program for Fall 2013 and Spring 2014, respectively. SPIA's Center for Public Administration and Policy (CPAP), Government and International Affairs (GIA), and Urban Affairs and Planning (UAP) are nationally and internationally ranked graduate degree programs with strong

**Table 1 SPIA Academic Majors Enrolled by Degree Program**

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Undergraduate Academic Majors Fall 2013/Spring 2014

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78/78	Environmental Policy and Planning
48/46	Public and Urban Affairs
<i>126/124 TOTAL Undergraduate Majors</i>	

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Graduate Academic Majors Fall 2013/Spring 2014

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*Master's Degree Programs*

83/102	Public Administration
44/35	Public and International Affairs
67/72	Urban and Regional Planning
<i>194/209 TOTAL Graduate/Master Degree Majors</i>	

*Doctoral Degree Programs*

102/82	Public Administration and Public Affairs
44/46	Planning, Governance, and Globalization
<i>146/128 TOTAL Graduate/Doctorate Degree Majors</i>	

reputations among our peer institutions. This is due in large part to our outstanding faculty with far reaching reputations, and the tremendous effort of time and commitment invested by faculty across the three programs in continuously working to enhance graduate and undergraduate education in the School. The Washington Semester Program, and Sustainable Europe Program, both flagship undergraduate programs, continue to attract top students from across the University.

Innovation in the classroom remains a hallmark of SPIA teaching: From the introduction of the google glass

to teach courses in international development and sustainability, to planning classes held in the Computer Augmented Virtual Environment (the CAVE), to student studios that place undergraduate and graduate students in real world settings for problem solving. SPIA faculty utilize advanced technology to develop student skills as well as to enhance connectivity across campuses, an on-line portfolio of classes at the graduate and undergraduate levels is developing, faculty research is incorporated into the curriculum for advanced student learning, and faculty pursue team and interdisciplinary approaches to teaching.



## Research and Discovery

# research & discovery

note from the director

SPIA faculty had a successful year in research and discovery, producing 17 books and 27 book chapters, 57 journal articles and more than 50 additional papers and reports. 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. Through the MI + SPIA initiative, we are working to significantly grow our grants and contracts portfolio to enhance faculty and student research opportunities, to engage organizations and communities working in the public interest, and to enhance our internal strategic resource base.

While there are many successful research initiatives underway and long standing successful research agendas of our post tenure scholars, of particular note for new beginnings and very promising results are the following: **Ralph Buehler's** recognition by the Transportation Research Board for his work on transportation, climate change and sustainability; **Laura Jensen's** innovative research on the rise of

the contract state; Yang Zhang and Maggie Cowell's work on community resilience and adaptive learning in a social media age; **Trish Nickel's** work on critical theory and the nonprofit and voluntary sector, recognized by ARNOVA; Sonia Hirt's forthcoming book on American land-use regulation, *Zoned in the USA*; **Joel Peter's** work on Israeli foreign policy; **Ted Koebel** and Marilyn Cavell's work on a plan for sustainable, affordable housing for the New River Valley; **Giselle Datz's** work on pensions and capital markets in Latin America; Gerard Toal's recently funded NSF work on attitudes and beliefs in Russian-supported de facto states and Eastern Ukraine in the wake of the Crimean annexation; Patrick Roberts' work on the International Atomic Energy Agency and nuclear nonproliferation; **Ariel Ahrum's** work on counterinsurgency, development and the Iraqi marshes; **Adam Eckerd's** agent based modeling of social capital and environmental justice; **Shalini Misra's** work on conceptualizing and measuring transdisciplinary intellectual orientation; and Robin Lemaire's work on an AGIL network approach to community resilience.



The tables below highlight scholarship and research for SPIA faculty. Table 2 highlights publications, presentations, and editorial leadership with a comparison across four years. Table 3 highlights SPIA research proposal submissions for 2013-2014 based on credit percentage of SPIA PIs, broken out for SPIA, the Institute for Policy and Governance (IPG) and the Metropolitan Institute (MI).

SPIA proposal submissions have increased by more than \$2,625,000 since 2012. The data reported represents new internal reporting systems developed through our MI + SPIA initiative to better track, plan and pursue research activities within the School. The tables are followed by a detailed list of research activities across the School for the 2013-2014 year.

**Table 2 SPIA Faculty Scholarship Indicators, 2010-2014**

	2010-2011	2011-2012	2012-2013	2013-2014
Books	10	23	19	17
Book chapters	25	44	36	27
Articles	73	41	75	57
Other papers and reports	37	58	46	
Presentations	100	109	137	172
Editorial Boards	39	22	16	27

**Table 3 SPIA Proposal Submissions, 2012, 2013, 2014**

Credit Org*	SPIA		IPG		MI	
	\$ Submitted	# Proposals	\$ Submitted	# Proposals	\$ Submitted	# Proposals
FY 2012	\$1,773,369.00	11	\$5,079,923.74	21	\$974,474.00	5
FY 2013	\$3,267,401.90	14	\$4,800,202.18	31	\$337,109.80	2
FY 2014	\$4,398,871.67	9	\$3,779,076.97	29	\$1,071,793.00	2

<sup>1</sup> Based on Credit % of SPIA PIs

### **Table 4 SPIA 2013-2014 Research Expenditures**

Preliminary FY 2013 Internal VT Supported Expenditures \$51,640.93

FY 2013 internal VT Supported Expenditures \$69,144.97

**Preliminary FY 2014 internal VT Supported Expenditures: \$ 103,007.93**

Preliminary FY 2013 Sponsored Research Expenditures (inclusive of cost shares): \$276,037.21

FY 2013 Sponsored Research Expenditures (inclusive of cost shares): \$321,672.99

**Preliminary FY 2014 Sponsored Research Expenditures (inclusive of cost shares): \$ 253,166.68**

Preliminary FY 2013 Research related expenditures: \$327,678.14

FY 2013 Research related expenditures \$390,817.96

**Preliminary FY 2014 Research related expenditures: \$356,174.61**

Preliminary FY 2013 Overhead and Various Expenditures: \$26,697.03

FY 2013 Overhead and Various Expenditures: \$37,463.40

**Preliminary FY 2014 Overhead and Various Expenditures \$ 31,834.04**

### **Research Overview**

#### **Known proposals in development**

**United State Institute of Peace.** PI Ahram, Ariel with de Beurs, Kirsten (OSU). Tentative Title: *Resilience, Recovery, and Recurrence after Civil Wars in the Drylands*. \$100,000.00. 10.00% OH. Pre-Award. Submission deadline 10/01/13.

**Office of Planning, Research, and Administration – Head Start.** PI Laura Jensen, with Phd Candidate Donna Sedgwick. \$25,000. 0% OH. Pre-Award. Submission deadline 06/28/13.

**National Oceanic and Atmospheric Association.** PIs Kris Wernstedt, Kris and Patrick Roberts. *Seasonal Climate Signals: Developing a Community of Practice in Emergency Management of Droughts and Floods*. \$94,827. 59.6% OH. Pre-award for invited resubmission. Submission deadline 06/10/13.

## Proposals and LOIs Submitted

**Arlington County, VA, Public Art Opportunity.** PI Beth Offenbacker with Henry Hollander, Elizabeth Morton, Ralph Buehler. *LOI: Western Gateway Statement of Interest.* Submitted 01/30/13. DECLINED.

**City of Alexandria.** PI Adam Eckerd. *LOI: Fund for Human Services Evaluation Project.* \$100,000. Submitted 3/11/2013. DECLINED.

**Columbia University.** PI Ralph Hall with John Taylor. *CNH-Ex: Exploratory Project on the Coupled Dynamics of Building Occupant Energy Consumption, Global Climate Change and Local Climatic Conditions.* 59.6% OH. Submitted 11/20/12.

**Department of Energy.** John Randolph with Fred Krimgold. *Role of Local Government and Solar Industry Action in Accelerating the Diffusion of Solar Energy Technology.* \$1,688,383.00. 59.60% OH. Submitted 10/04/12. DECLINED.

**Department of Health and Human Service - Asst Secretary for Preparedness and Response.** PI Patrick Roberts with Kris Wernstedt and Shalini Misra. *Transport Disruptions to Food and Health Supply Chains.* \$613,203.00. 61% OH. Submitted 05/20/13.

**Gates Foundation.** PI Tom Sanchez. *Cities and Regions of the World. A Massive Open Online Course.* \$49,996.00. 0% OH. Submitted 10/01/12. DECLINED.

IRC International Water and Sanitation Center. PI Ralph Hall with Eric Vance. \$83,979. 10% OH. Submitted 08/06/12.

**MacArthur Foundation.** PI Randy Murch with Members of the SPIA faculty serve broadly across the School, College and University on committees and panels. Service across the profession is also Chris Bidwell, Federation of American Scientists. *LOI: Science/Policy Interface in Nuclear Forensics.* \$450,000. Submitted March 1, 2013.

**MacArthur Foundation.** PI Randy Murch with Chris Bidwell, Federation of American Scientists. *LOI: Arabian Gulf Initiative: Science/Policy Interface on WMD proliferation issues and use of attribution as a security guarantor.* \$450,000. Submitted March 1, 2013.

**MacArthur Foundation.** PI Theodore Koebel with Andrew McCoy. *Impact of Energy Efficiency Standards on LIHTC Housing in Virginia*. \$495,185.00. 15.00% OH. Submitted 01/11/13.

**National Nuclear Security Agency.** PI Patrick Roberts with Ariel Ahram, Alireza Haghghat, Mark Pierson, Satish Kulkarni, Randy Murch. Integrated Nuclear Security and Safeguards Management Framework for the U.S. and the Middle East. \$750,000.00. 61.00%. Submitted 02/27/13.

**National Science Foundation RAPID.** Wernstedt with Pamela Murray-Tuite (CEE). *RAPID: Commuter Adaptation to Transportation Disruption in Hurricane Sandy's Aftermath*. \$44,873.00. 59.60% OH. Submitted 11/20/12.

**National Science Foundation SBE Doctoral Research Improvement Grant.** PI Laura Jensen with PhD candidate Fatima Sharif. *Elucidating the Drivers of Public Health Practice: The Interplay of Ideas and Institutions*. \$20,528. 61% OH. Submitted 01/15/13.

**Obama-Singh 21st Century Knowledge Initiative.** PI Ralph Hall with Shalini Misra. *Creating an International Program for Sustainable Infrastructure Development*. \$61,576. 6% OH. Submitted 4/28/2013. AWARDED.

**Office of Naval Research, MINERVA.** PI Ariel Ahram. *Security, Conflict, and Environmental Manipulation in the Middle East*. \$273,468. 61% OH, Submitted 01/04/13. DECLINED.

**Stanford University.** PI: Ralph Hall with Eric Vance. *Impact Evaluation for the Millenium Challenge Corporation-supported Rural Water Investment in Mozambique*. \$116,098. 10% OH. Submitted 2/17/2013. AWARDED.

**TranSystem.** PI Ralph Buehler. *Improving Transit Integration Among Multiple Transit Providers*. \$17,848.00. 59.60% OH. Submitted 07/26/12. DECLINED.

**Winrock International.** PI Ralph Hall with Eric Vance. *Building Disaster-resilient communities in Southern Africa*. \$300,000.00. 26% OH. Submitted 02/15/13. DECLINED.

## Internal VT Proposals

**Virginia Tech Center for Innovation in Learning.** PI Ralph Hall. *Peering into the Black Box of Learning via Cognitive Life Logging (Use of Google Glass in classroom)*. \$10,000.00. 0% OH. Submitted 05/20/13. AWARDED.

**Institute For Creativity, Arts, And Technology (ICAT) SEAD (Science, Engineering, Art, and Design) Major Initiative Program.** Ralph Hall (Co-PI) with Akshay Sharma and Jocelyn Widmer. *Social Impact Studios (SIS): Designing Empowerment – Design thinking for social impact*. \$25,000.00. 0 % OH. Submitted 05/06/13.

**Institute For Creativity, Arts, And Technology (ICAT) SEAD (Science, Engineering, Art, and Design) Major Initiative Program.** PI: Tom Sanchez with Peggy Lane, Gail McMillan, Julie Speer. SPIA – Academic Visibility Demonstration Project. \$25,000. Submitted 11/25/2012.

**Institute for Critical Technology and Applied Science (ICTAS).** PI John Randolph with Joe Schilling. *A Technology-Policy Framework for Market Transformation to Community Sustainable Energy*. \$169,186. 0% OH. Submitted 11/19/12. DECLINED.

**The Institute for Society, Culture and Environment (ISCE).** PI Anamaria Bukvic. \$20,000. 0% OH.

**The Institute for Society, Culture and Environment (ISCE).** PI Derek Hyra. *Support for expansion of research in the Washington, D.C. region*. \$200,000. 0% OH. AWARDED.

**Interdisciplinary Graduate Education Program (IGEP).** John Randolph. *Inter-faces of Global Change (IGC)*. Submitted 11/12/12. AWARDED.

## Outreach and Engagement

# outreach & engagement

note from the director

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 government 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.

### **Diversity**

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

Over the last several years, Matt Dull has initiated a number of activities promoting the memory of unheralded Civil Rights pioneer and Alexandria, VA-native Samuel W. Tucker. He has taken hundreds of students and colleagues on “Tucker Walks” through Alexandria, past Tucker’s boyhood home, his office, and the Queen Street Library, where in August 1939, Tucker organized the first sit-in of the American Civil Rights movement. In a short 2010 article for the Virginia Tech NCR newsletter, he wrote, “It is among the fundamental issues students of public policy encounter. Sometimes what we DON’T observe tells us something important about the story as a whole.” During 2013-4, working with Audrey Davis of the Alexandria Black History Museum, Matt organized a series of public Tucker Walks - included in the City of Alexandria’s regular calendar of events. One of the Tucker Walks was even covered by Fox 5 News! This spring Matt, and CPAP MPA student Janet Arrechea, were appointed to a committee organized by Rose Dawson, Director

of the Alexandria Libraries, to help organize a 75th Anniversary celebration of the sit-in in August 2014.

Through a regional water point monitoring project, Jocelyn Widmer's research is considering the post-earthquake infrastructure of Haiti, largely funded by NGOs and constructed with no regulatory framework in place, and the impact that this now-failing infrastructure has on public health outcomes at this regional scale—particularly as it relates to the recent but ongoing cholera epidemic. This research has a significant on-the-ground-coordination effort, as data is collected by a group of local Haitians trained by Jocelyn in community engagement strategies, public health outcomes, and GIS and Android-based technologies. All three of these skillsets are invaluable to the data collection phase, and at the heart of her research agenda, which more broadly considers the use of community engagement strategies and technology to improve public health outcomes in complex rural and urban developing-world contexts.

Adam Eckerd offered a course on organizational change for the Executive Leadership Institute (ELI) of the National Forum for Black Public Ad-

ministrators, held in the Alexandria campus. Anne Khademian was appointed a member of the education committee for the NFBPA, an opportunity to participate with the NFBPA in the continued development for the ELI program and to work with the NFBPA to enhance and recruit African American students interested in public service careers, to our degree programs.

Wilma Dunaway continues her work on 3 public diversity websites for public and academic use: APPALACHIAN SLAVERY [http://scholar.lib.vt.edu/vtpubs/mountain\\_slavery](http://scholar.lib.vt.edu/vtpubs/mountain_slavery), 19th CENTURY APPALACHIAN WOMEN, [http://scholar.lib.vt.edu/faculty\\_archives/appalachian\\_women](http://scholar.lib.vt.edu/faculty_archives/appalachian_women), and Diversity resources for public school teachers, <http://filebox.vt.edu/users/wdunaway/diversity.htm>.

Joel Peters continues to be involved in a number of dialogue/track II initiatives aimed at promoting Israeli-Palestinian reconciliation. In his courses on Israeli-Palestinian conflict he focuses on questions of mutual understanding and reconciliation, and includes assigned readings and audio-visual materials both articles and lectures by Israeli and Palestinian scholars. In addition, the book he recently edited on the Israeli-Pales-



tinian conflict includes a significant number of contributions by Palestinian and Israeli scholars.

Yang Zhang designs his class assignments/projects in a way to encourage students to understand the increasing complexity of social fabrics in communities. For instance, students were asked to develop a state of community report for the New River Valley. In this report, students were required to include data and

discussion about, but not limited to, demographics, income, housing, education, and economic development characteristics of the New River Valley. In the natural hazards mitigation planning class, students were sent out to distressed neighborhoods in the Town of Blacksburg to interview residents about their perception and capacity to cope with potential environment hazards.

# Faculty

## faculty

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.

*Ariel  
Ahram*



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

*John  
Browder*



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

*Ralph  
Buehler*



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

*Brian  
Cook*



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*





**Giselle Datz**

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



**Matthew Dull**

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



**Wilma Dunaway**

1999. GIA. Ph.D. University of Tennessee (1994), sociology. Professor. Global problems, comparative social change, political economy theories, globalization, comparative majority-minority relations, comparative inequality, Appalachian studies, Native American studies, global economic restructuring, slavery in the mountain south, nineteenth-century women and gender.



**Adam Eckerd**

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.



**Ralph Hall**

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



**Sonia Hirt**

2005. UAP. Ph.D. University of Michigan (2003), urban and regional planning. Associate Professor and Chair, UAP. Land use policy and planning, environmental planning, sustainable metropolitan development, urban design, physical planning, urban governance, international planning.

2009. UAP. Ph.D. University of Chicago (2005), sociology. Associate Professor. Urban politics, race, globalization, neighborhood poverty, affordable housing finance, qualitative methods.

*Derek Hyra*



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.

*Laura Jensen*



2012. CPAP. Ph.D. University of Oklahoma (2010), political science. Preference formation, public opinion, public policy.

*Michael Jones*



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.

*Anne Khademian*



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.

*Paul Knox*



1990. UAP. Ph.D. Rutgers (1979), urban planning and policy development. Professor, UAP. Housing and community development, non-profit housing, housing policy, innovation and diffusion of affordable housing technology, redevelopment, real estate market analysis.

*Ted Koebel*





**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.



**Shalini  
Misra**

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.



**Patricia  
Nickel**

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.



**Joel  
Peters**

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.



**Joseph  
Rees**

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.

1998. UAP. J.D. University of Virginia (1987), law. Associate Professor. Environmental law and policy, land use law and policy, rural-urban fringe issues, agricultural issues.

*Jesse  
Richardson*



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

*Patrick  
Roberts*



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.

*Joyce  
Rothschild*



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.

*Tom  
Sanchez*



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.

*Max  
Stephenson*





*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.



*Kris  
Wernstedt*

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



*Jocelyn  
Widmer*

2012. Ph.D. University of Florida (2011), urban and regional planning. Assistant Professor. Public health, global health, interdisciplinary collaboration in participatory community development strategies, use of information and communication techniques for development, community development as cultural investment, development challenges and solutions.



*Diane  
Zahm*

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



*Yang  
Zhang*

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.



## Honors and Awards

# honors & awards



**Wilma Dunaway**

### **Keynote Address & Senior Scholarship Award**

Political Economy  
of the World System Section  
American Sociological Association  
April 19, 2013



**Sonia Hirt**

### **Promotion to Full Professor**

Virginia Tech  
Spring 2014



**Derek Hyra**

### **Scholar of the Week**

Office of the Vice President  
for Research  
Virginia Tech  
October 1, 2012



**Ralph Hall**

### **Best Business Book**

2012 Green Book Festival  
May 10, 2012

### **Google Glass Explorer Program**

One of 8,000 people selected as the first recipients  
of the device to integrate teaching and research  
March 30, 2013

### **2013 Excellence in Scholarship Award**

College of Architecture & Urban Studies  
Virginia Tech  
February 14, 2013



**Paul Knox**



**Ted Koebel**

### **Founding National Honor Roll**

Inductees  
Urban Affairs Association

### **International Faculty Development Program**

Office of the Vice President for  
Outreach & International Affairs  
Virginia Tech  
February 22, 2013



**Yang Zhang**

# Publications

## publications

### books and monographs

#### Maggie Cowell

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#### Joel Peters



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#### Sonia Hirt

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#### Patrick Roberts



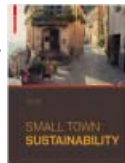
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#### Derek Hyra

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#### Tom Sanchez



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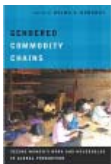
### Brian Cook

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### Wilma Dunaway

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### Anne Khademian

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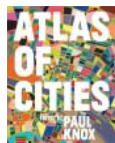
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### Ralph Buehler

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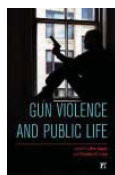


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### Laura Jensen

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### Jesse Richardson

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### Patrick Roberts

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### Adam Eckerd

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### Ralph Hall

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### Ralph Hall

Hall, R., H. Gudmundsson, G. Marsden, and J. Zietsman. (2014). "Sustainable Transportation." *The Encyclopedia of Transportation: Social Science and Policy*, SAGE Publications.

Hall, R., J. Davis, E. Van Houweling, E. Vance, M. Carzolio, M. Seiss, and K. Russel. "Impact Evaluation of the Mozambique Rural Water Supply Activity Under a Cooperative Agreement between MCC and Stanford University," pp. 111. Millennium Challenge Corporation, Washington, D.C.

Hall, R., E. Van Houweling, E. Vance, M. Carzolio, and J. Davis. "Evaluation of Eight Small-Scale Solar Systems in Cabo Delgado, Mozambique," pp. 51. Millennium Challenge Corporation, Washington, D.C.

Hall, R., J. Davis, E. Vance, E. Van Houweling, M. Carzolio, and K. Russel. (2013). "Impact Evaluation Design and Implementation Report. Impact Evaluation of the Rural Water Activity in Nampula, Mozambique," pp. 35. Millennium Challenge Corporation, Washington, D.C.

Crawford, D., J. Davenport, J. Dustin, C. Gilbert, K. Gray, E. Hahn, R. Hall, D. Hu, D. Kniola, S. Lee, C. Patrick, J. Sparrow, and J. Yacovelli. (2014). "Google Glass: A Tech Teams White Paper." Virginia Tech.

Hall, R., Mathews, B. (2014). "Using Google Glass at Virginia Tech." (VIDEO). <http://youtu.be/OIDk5qo9dD4>

Hall, R. (2014). "Student Feedback on Using Google Glass and Apps in Teaching." (VIDEO). <http://youtu.be/9Rz-5AlIYS0>

### Sonia Hirt

Hirt, S. (2014). "The Post-public City: Experiences from Post-socialist Europe," pp. 123-129 in *Association of Collegiate Schools of Architecture* (ed.), *Globalizing Architecture: Flows and Disruptions*. Refereed Proceedings of the 102nd Annual Conference of the Association of Collegiate Schools of Architecture.

Hirt, S. (Forthcoming). "Planning during Post-socialism," *International Encyclopedia of Social and Behavioral Sciences* (2nd Edition). London: Elsevier.

Hirt, S. (2014). "It's Turtles All the Way: Some Thoughts on Creative Teaching," pp. 104-105 in *CAUSE for Learning*. Blacksburg, VA: Virginia Tech.

Hirt, S. Review of C. Humphrey and V. Skvirskaja's (eds.) "Post-Cosmopolitan Cities: Explorations of Urban Coexistence." *Slavic Review*.

## other publications

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### Paul Knox

Knox, P. (2013) Review J. Nijman's "Miami: Mistress of the Americas." *The AAG Review of Books*, 1(1): pp. 34–35.

### Ted Koebel

McCoy, A., C. Koebel, C. T. Franck, A. Sand-erford, and M. Keefe. (2013). *Narrowing the Chasm: Agile Patterns of Adoption and Diffusion of Innovation in the US Housing Industry From 2000-2010*. Kansas City, KS: Proceedings of the Ewing Marion Kaufman Foundation 2013 Industry Studies Confer-ence. [www.industrystudies.pitt.edu/kansas-city13/](http://www.industrystudies.pitt.edu/kansas-city13/)

Jones, M. and C. Koebel. (2013). *Virginia Home Sales Report Quarter 1, 2013*. Virginia Association of Realtors.

### Robin Lemaire

Lemaire, R. (Forthcoming). Review of T. Levitt's (2012) "Partners for Good: Business, Government and the Third Sector." *Nonprof- it and Voluntary Sector Quarterly*.

### Shalini Misra

Misra, S. (2013). IITK-VT News Story pub- lished by VT news (July 26). <http://www.vtnews.vt.edu/articles/2013/07/072613-caus-iitk.html>

Misra, S. (2013). Review K. Vormans, R. Paslack, G. Y. Isildar, R. de Vrind, R. and J. W. Simon's, (eds). (2012) "Environmental Ethics: An Introduction and Learning Guide." *Journal of Entrepreneurship/Sage Publica- tions*, 22(2): pp. 245-256.

Misra, S. (2014). Review of B. S. Pawar's (2009) "Theory Building for Hypothesis Specification in Organizational Studies." *Journal of Entrepreneurship/Sage Publica- tions*, 23(1): pp. 159-162.

Misra, S. (2014). Interview with Financial Times (January 19). [http://ncr.vt.edu/docs/Connected\\_home\\_%20Quirky\\_Nimbus\\_clock\\_reinvents\\_the\\_ordinary\\_FT.pdf](http://ncr.vt.edu/docs/Connected_home_%20Quirky_Nimbus_clock_reinvents_the_ordinary_FT.pdf)

### Trish Nickel

Nickel, P.M. and T. W. Luke. (2013). "Revisit- ing the Artificial Negativity Thesis: An Inter- view with Timothy W. Luke," *New Political Science*, 35(4): pp. 627-647.

Nickel, P.M. (2013). "Images of the Future in the Social Sciences," *Journal of International Research and Social Phenomena*, Issue 2. (In Russian.).

### Joel Peters

Peters, J. (2014). Review of Z. Levey's "Israel in Africa, 1956-76." *Israel Journal of Foreign Affairs*, 8(1): pp. 141-45.

### Patrick Roberts

Roberts, P. (2014). Review of D. K. Twigg's "The Politics of Disaster: Tracking the Impact of Hurricane Andrew" and R. D. Bullard and B. Wright's (eds.) "The Wrong Complexion for Protection: How the Gov- ernment Response to Disaster Endangers African American Communities." *Political Science Quarterly* (Winter 2013-14) 128: pp. 755-757. [www.psqonline.org/article.cfm?IDArticle=19172](http://www.psqonline.org/article.cfm?IDArticle=19172)

## other publications

### Tom Sanchez

Sanchez, T. What is Transportation Equity? Ithaca, NY: Progressive Planner. Sanchez, T. (2014). "Transportation, car ownership, planning, dichotomous variables, closed-ended question format," in Alex C. Michalos (ed.), Encyclopedia of Quality of Life Research. Springer Reference.

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Sanchez, T. (2013). "What Is Planning?" Planetizen.com. Planetizen. [www.planetizen.com/node/65931](http://www.planetizen.com/node/65931)

Sanchez, T. (2014). In co-authored with J. Evans-Cowley (ed.), TechniCity eBook. [tomsanchez.wordpress.com/2014/02/09/technicity-ebook/](http://tomsanchez.wordpress.com/2014/02/09/technicity-ebook/)

### Max Stephenson

Al-Daily, W., K. Parrott, and M. Stephenson. (2013). "An Analytical Case Study of Informal Settlements in Sana'a, Yemen," RC43 Conference Book of Proceedings. University of Amsterdam, Centre of Urban Studies. [rc43-conference.uvs.nl/programme/workshops/workshops.html#anker--informal-ways-of-residing-i](http://rc43-conference.uvs.nl/programme/workshops/workshops.html#anker--informal-ways-of-residing-i)

Stephenson, M., I. Stivachtis, and L. Zanotti (eds.). (2013). "The European Union and Peacebuilding," The European Union and Peacebuilding 3(5). Toronto: Review of European Studies. Stephenson, M. (2014). "Reflections on Teaching as Facilitating

Shared Discovery," CAUSE for Learning, College of Architecture and Urban Studies. College of Architecture and Urban Studies, Virginia Tech.

### Gerard Toal

Toal, G. (Accepted. 2014). "Geopolitical Culture, Ethnoschematization and Fantasy: On Seegel's Account of the Mapping of East Central European Lands" Nationalities Papers.

Toal, G. (2014). "Legitimacy Questions." Political Geography, March ed. 39: pp. 31-32.

Toal, G. (2013). "Response to commentaries on Bosnia Remade: Ethnic Cleansing and its Reversal." Political Geography, September ed. 36: pp. 17-19.

Toal, G. (2013). Review of "The Improvised State." Regensburg: SudOstEuropa. 2nd ed. 61: pp. 323-324. <http://www.iosregensburg.de/en/publications/periodicals/suedos-teuropa.html>

### Yang Zhang

Zhang, Y., Drake, W. (2014). "Geographic Information Systems (GIS)," pp. 2521-2524 in Alex Michalos (ed.), Encyclopedia of Quality of Life and Well-Being Research. New York: Springer. [www.springer.com/social+sciences/wellbeing+%26+quality-of-life/book/978-94-007-0752-8](http://www.springer.com/social+sciences/wellbeing+%26+quality-of-life/book/978-94-007-0752-8)

Zhang, Y., Drake, W. (2014). "Mapping Neighborhoods," pp. 3767-3769 in Alex Michalos (ed.), Encyclopedia of Quality of Life and Well-Being Research. New York: Springer. [www.springer.com/social+sciences/wellbeing+%26+quality-of-life/book/978-94-007-0752-8](http://www.springer.com/social+sciences/wellbeing+%26+quality-of-life/book/978-94-007-0752-8)



## **Presentations**

# presentations

### **John Browder**

Browder, J. (2014). CAUS Research Symposium. (February 13).

Browder, J. (2014). Deans Forum on Global Engagement. (March 25-27).

### **Ralph Buehler**

Buehler, R. (2014). "Daily Travel and CO2 Emissions from Passenger Transport: Comparison of Germany and the United States." Transportation Research Board Annual Meeting 2014, Transportation Research Board, Washington, DC. (January 16).

Buehler, R. (Author Only) and W. Jung, (Presenter). (2014). "Sustainable Transport in Germany and the US: A comparison of the Washington, DC and Stuttgart Regions." Brisbane, Australia. (January 15).

Buehler, R. (Co-presenter) and A. Hamre. (Co-presenter). (2014). "First Look at Multimodal Individual Travel Behavior in the United States." Transportation Research Board Annual Meeting 2014, Transportation Research Board, Washington, DC. (January 15).

Buehler, R. (2014). "Sustainable Transport in Germany and the USA." University of Virginia Engineering & Society Brown Bag Lunch Series, University of Virginia, Charlottesville, VA. (March 16).

Buehler, R. (2013). "Sustainability, Transport, and Health." National Academies' Roundtable on Science and Technology for Sustainability, National Academies. (November).

Buehler, R. (2013). "Planning for Sustainable Urban Transport: lessons from Washington, DC and Stuttgart." Johns Hopkins University, Washington, DC. (October).

Buehler, R. (2013). "Making cycling irresistible - Lessons from Western Europe and North America." Greenways for Green Cities, University of Oulu, Finland, Oulu, Finland via polycom. (June).

Buehler, R. (2013). "Making Urban Transport Sustainable." LiveMove Speaker Series, University of Oregon, Eugene, Oregon. (May 16).

Buehler, R. (2013). "Making Urban Transport Sustainable." Transportation Seminar Series. Center for Transportation Studies, Portland State University, Portland, Oregon. (May 15).

Buehler, R. (2013). "Cycling Here and Abroad." Virginia Festival of the Book, Charlottesville, VA. (March 15).

Buehler, R. (2013). "Best practices from Western Europe to promote walking, cycling, and public transport and to discourage/reduce car use." Strategic Plan Meeting, Arlington County Commuter Services, Arlington, VA. (November).

Buehler, R. (2013). "How can the Washington, DC area become the next bicycle capital of the USA?" MI and SPIA Lecture Series, Virginia Tech, Arlington, VA. (September).

### **Brian Cook**

Cook, B. (Co-presenter), J. Paysour (Author Only), and D. Stoneking. (Co-presenter). (2014). "Constraints on Information as a Regulatory Device: The Policy Design of Trade Secret Protections in the Emergency Planning and Community Right to Know Act." Western Political Science Association Annual Meeting, Western Political Science Association, Seattle, WA. (April 17).

## presentations

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Cook, B. (Co-presenter), M. Jones (Co-presenter), and A. Smith-Walter (Co-presenter). (2013). "The Political Dynamics of National Climate Change Governance in the United States." Law and Society Association Annual Meeting, Law and Society Association, Boston, MA. (June 1).

### Maggie Cowell

Cowell, M. (Author Only). (2014). "The Art of Adaptive Resilience." Urban Affairs Association, San Antonio, TX. (April 21).

Cowell, M. (Author Only). (2014). "Economic Restructuring and the Art of Adaptive Resilience." CAUS Research Symposium 2014, College of Architecture and Urban Studies, Blacksburg, VA. (February 12).

Cowell, M. (Discussant). (2013). "Shrinking Cities in Comparative Perspective." Bruner Forum, 2013 Bruner Loeb Forum on Legacy City Design, Detroit, MI. (November 7).

Cowell, M. (Discussant). (2013). "Shrinking Cities, Possibilities." Remaking Cities Conference, Carnegie Mellon University, Remaking Cities Institute, Pittsburgh, PA. (October 16).

Cowell, M. (Author Only). (2013). "Resilient Urban Regeneration: Situating the Manchester Case." Association of Collegiate Schools of Planning, ACSP, Dublin, Ireland. (July 19).

Cowell, M. (Co-Chair) and J. Schilling (Co-Chair). (2013). "Shrinking Cities in Comparative Perspective." Shrinking Cities Research Network, Vacant Properties Research Network (VPRN), Ford Foundation, Dublin, Ireland. (July 14).

Cowell, M. (Author Only). (2014). "Economic Restructuring and the Art of Adaptive Resilience." Workshop on Building Resilient

Cities, Global Forum on Urban and Regional Resilience (VT), Arlington, VA. (May 15).

Cowell, M. (Other). (2014). "Community and Economic Development Opportunities at the 11th Street Bridge." THEARC, Washington, DC. (April 22).

Cowell, M. (Author Only). (2014). "The Art of Adaptive Resilience." College of Design, Dean's Forum, Iowa State University, Ames, Iowa. (March 15).

Cowell, M. (Chair). (2014). "Getting to know the VPRN." Urban Affairs Association, Meeting, Vacant Properties Research Network (VPRN), Ford Foundation, San Antonio, TX. (March 20).

### Giselle Datz

Datz, G. (Panel Organizer and Chair). (2014). "Financing Long-Term Investment in Brazil: Institutional Complementarities and Capital Market Development." International Studies Association, Toronto, Canada. (March 28).

Datz, G. (Panel Organizer and Chair). (2013). "Financial Repression and Pension Fund Developmentalism in Argentina and Brazil." Latin American Studies Association, Washington, DC. (June 1).

Datz, G. (2014). "Brazil in the BRICs and Beyond: The Long Term as Present Imperative." Foreign Area Officer (FAO) Program for Latin America of the Naval Postgraduate School, Naval Postgraduate School, Arlington, VA. (February 24).

Datz, G. (2014). (Invited chair and commentator for the panel on "Financing Long-Term Investments in Brazil"). Annual Pensions and Capital Stewardship Conference, Harvard Law School, Boston, MA. (May).

### *Matt Dull*

Dull, M. (Author Only), F. S. Sharif (Presenter), and B. Offenbacher (Author Only). (2013). "Number as Narrative: The Social Construction of Community Indicators." Conference of the Association for Public Policy Analysis and Management (APPAM), Association for Public Policy Analysis and Management, Washington, DC. (November 8).

Dull, M. (Presenter). "Who Isn't Running Government: Appointee Vacancies in American Government, 1989-2009." American University Department of Public Administration and Policy Research Seminar, American University, Washington, DC.

### *Wilma Dunaway*

Dunaway, W. (2014). "Challenging Mythology about Gender and Women's Work in the Mountain South." Opening Lecture, Women's History Month Activities, Knoxville College, Knoxville, Tennessee. (March 7).

Dunaway, W. (2014). "Challenging Mythology about Slavery and Emancipation in the Mountain South." Black History Month Activities, Opening lecture, Alice Lloyd College, Pippas Pass, Kentucky. (February 3).

### *Adam Eckerd*

Eckerd, A. (Presenter) and S. Moulton (Co-presenter). "Complements Or Substitutes? B-Corporations, the Nonprofit Sector, and the Blurring Line Between the Market and Philanthropy." Association for Public Policy Analysis and Management Conference, Washington, DC.

Eckerd, A. (Co-presenter), H. E. Campbell (Co-presenter), and Y. Kim (Co-presenter). "Social Capital and Environmental Justice: An Agent Based Model." Association for Public Policy Analysis and Management Conference, Washington, DC.

Eckerd, A. (Presenter) and S. Moulton (Co-presenter). "Complements or Substitutes? B-Corps, the Nonprofit Sector, and the Blurring Line Between the Market and Philanthropy." Association for Research on Nonprofit Organizations and Voluntary Action Conference, Hartford, CT.

Eckerd, A. (Co-presenter) and S. Eckerd (Presenter). "Running to the Lawyers or Reaching Consensus: Supply Chain Conflicts in Private and Public Management Contexts." Decision Sciences Conference, Decision Sciences Institute, Baltimore, MD.

Eckerd, A. "Junior Faculty in the Classroom: Fresh Insights, Practices and the Wisdom of the First Few Years." National Association of Schools of Public Affairs and Administration Conference, Washington, DC.

Eckerd, A. (Co-presenter) and S. Moulton (Co-presenter). "From Blurred to Blended: Exploring the Institutional Environment and Public Benefit of For-Profit B-Corporation." Public Management Research Conference, Public Management Research Association, Madison, WI.

Eckerd, A. (Presenter) and S. Eckerd (Co-presenter). "Running to the Lawyers or Reaching Consensus: Is Conflict Management Different in Government Supply Chains?" Public Management Research Conference, Public Management Research Association, Madison, WI.

## presentations

### Ralph Hall

Kimmel, C. (Presenter), R. Hall (Presenter), R. Blieszner (Presenter), and B. Watts (Presenter). (2014). "Virginia Tech's International Graduate Certificates." Deans' Forum on Global Engagement, Virginia Tech. (March 27).

Hall, R. (Panel Discussant). (2014). "Development through the Lens of the MCC." Development and Humanitarianism Mini Conference, Virginia Tech. (April 11).

Hall, R. (Presenter) and E. Vance (Co-presenter). (2014). "Impact Evaluation of the MCC's Rural Water Supply Project in Mozambique: Enhancing local partner capacity through collaboration." Dean's Forum on Global Engagement, Virginia Tech. (March 27).

Hall, R. (Presenter), E. Vance (Presenter), J. Davis (Presenter), and E. Van Houweling (Presenter). (2014). "Impact Evaluation of the MCC-Funded Rural Water Supply Activity (RWSA) in Nampula, Mozambique." 2014 Monitoring and Evaluation (M&E) and Economic Analysis (EA) College, Millennium Challenge Corporation, Washington, D.C. (February 7).

Hall, R. (Co-presenter) and T. Sanchez (Co-presenter). (2014). "Social Network Analysis of TRB Standing Committees." Transportation Research Board, Annual Meeting. (January 14).

Hall, R. (Panel Discussant). (2014). Discussant on Joseph Blasi et al.'s book entitled "The Citizens Share." Society of Socio-Economists, Annual Meeting, New York. (January 2).

Hall, R. (Co-presenter) and E. Vance (Co-presenter). (2013). "A Collaborative Process for High Quality Impact Evaluations in

Developing Countries." American Evaluation Association (AEA), Washington, D.C. (October 19).

Hall, R. (Presenter). (2013). "Creating an International Partnership for Sustainable [and Resilient] Infrastructure Development." 4th Conference on Community Resilience, Davos, Switzerland. (August 29).

Hall, R. (Presenter). (2014). "Developing a Research Portfolio for ADD40." 14th Biennial Conference on Transportation and Energy, UC Davis Institute of Transportation Studies, Asilomar, CA. (August 7).

### Sonia Hirt

Hirt, S. (2014). "The Post-public City: Experiences from Post-socialist Europe." Annual Conference of the Association of Collegiate Schools of Architecture, Association of Collegiate Schools of Architecture, Miami, FL. (April).

Hirt, S. (2014). "Home, Sweet Home: American Residential Zoning in Comparative Perspective." Biannual Research Symposium, College of Architecture and Urban Studies, Virginia Tech, Blacksburg, VA. (April).

Hirt, S. (2014). "Parallels and Contrasts between Municipal Governance in Central-East Europe and the USA." Panel discussion on Central-East European cities with Gabor Demszky, former Mayor of Budapest, Hungary, Woodrow Wilson International Center for Scholars, Washington, DC. (March).

Hirt, S. (2014). "Secession as Style: Change and Continuity in Post-socialist Residential Architecture." Annual Conference of the Association of Comparative Literature, Association of Comparative Literature, New York, NY. (March).

Hirt, S. (2013). "Whatever Happened to the (Post)socialist City?" Annual Conference of the Association for Slavic, Eurasian and East European Studies, Association for Slavic, Eurasian and East European Studies, Boston, MA. (November).

Hirt, S. (2013). "Form Follows Function: How America Zones." Joint Congress of the Association of Collegiate Schools of Planning and the Association of the European Schools of Planning, Association of Collegiate Schools of Planning and the Association of the European Schools of Planning, Dublin, Ireland. (July).

### Derek Hyra

Hyra, D. (2014). "Black Branding as a Redevelopment Strategy: Reducing or Reinforcing Racial Stereotypes?" City Futures III Conference, Paris, France.

Hyra, D. (2014). "The New Urban Renewal: Political and Cultural Displacement." The United Planning Organization's Forum on Poverty, Development and Displacement, Washington, DC.

Hyra, D. (2014). "Equitable Housing Development: Advancing Mixed-Income Projects." American Planning Association's National Conference, Atlanta, GA.

Hyra, D. (2014). "Equitable Development in the Washington, DC Region." Is Equitable Development Possible in the 21st Century? Prospects and Possibilities for Washington, DC. The George Washington University, Washington, DC.

Hyra, D. (2014). "Black Branding as a Redevelopment Strategy: Reducing or Reinforcing Racial Stereotypes?" Urban Affairs

Association 44th Annual Meeting, San Antonio, TX.

Rugh, J., and D. Hyra. (2014). "Divergent Recoveries: The Great Recession and Gentrification in Chicago, New York, and Washington, DC." Urban Affairs Association 44th Annual Meeting, San Antonio, TX.

Hyra, D. (2014). "The-Back-to-the-City Movement and Process of Political and Cultural Displacement." National Center for Smart Growth's Brown Bag Webinar Series, University of Maryland, College Park, MD.

Hyra, D. (2013). "The New Urban Renewal and Its Racial Implications." Blacks In Green's Village Voice Forum: Who Owns West Woodlawn? Chicago, IL.

Hyra, D. (2013). "The New Urban Renewal: Understanding Race and Class Intersections." American Anthropological Association 112th Annual Meeting, Chicago, IL.

Hyra, D. (2013). "The Racial Implications of the New Urban Renewal." Third Annual Public Sociology Graduate Conference. George Mason University, Fairfax, VA.

### Laura Jensen

Jensen, L. (Presenter). (2013). "The Sympathetic State." Law and Society Association Annual Meeting, Law and Society Association, Boston, MA. (May 31).

### Michael Jones

Song, G. and M. D. Jones. (2013). "Policy Narratives and Public Attitudes Toward Gay and Lesbian Parenting Policy." Association for Public Policy and Analysis Management (APPAM). Washington, D.C. (November).

## presentations

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Smith-Walter, A. and M. D. Jones. (2013). "Gun Stories: How Evidence Shapes Firearm Policy in the United States." Association for Public Policy and Analysis Management (AP-PAM). Washington, D.C. (November).

Gray, G. and M. D. Jones. (2013). "Constructing Campaign Finance Policy Realities: Elite Stories of Expression and Equality." International Conference on Public Policy meeting. Grenoble, France. (June).

### Anne Khademian

Khademian, A. (2014). ASPA Annual Meeting, American Society for Public Administration, Washington, DC. (March 15).

Khademian, A. (Presenter). "Consumer Financial Protection through Co-Production: Open, Shared, and focused on the User Experience." Public Management Research Conference, PMRA, Madison, WI.

Khademian, A. (2013). "Mentoring Junior Faculty." NASPAA Annual Meeting, National Association of Schools of Public Affairs and Administration, Washington, DC. (October 10).

### Robin Lemaire

Lemaire, R. "The Ties to Practice: An Examination of Network Ties and Implementation of Evidence-Based Practices in a Smoking Cessation Network." International Network for Social Network Analysis annual meeting, St. Petes Beach, FL.

Lemaire, R. "What is Our Purpose Here?: Network Relationships and Goal Congruence in a Canadian Child and Youth Health Network." International Research Society of Public Administration, Ottawa, Ontario.

Lemaire, R. "Getting People to Quit Smoking: The Evolution of Information Sharing Ties in the North American Quitline Consortium." Public Management Research Association national meeting.

Lemaire, R. "Network Hurdles and Boosts: An examination of factors impacting the integration of health and human service networks in India." Public Management Research Association national meeting.

### Tim Luke

Luke, T. W. (2014). "Displacing, Dissipating, Deliberating Democracy: The Impoverishment of Popular Rule under Progressivism." 2014 TELOS Conference, New York University's Deutsches Haus. (February 15).

Luke, T. W. (2014). "Urbanism as Cyborgancy: Tracking the Materialities of the Anthropocene." The Projective Views on Urban Metabolism Research Conference, Harvard University Graduate School of Design. (February 7).

Luke, T. W. (2014). "Working to Attain More than 'Actually Existing Sustainability'." Politics Department, and Acadia Political Science Students Association, Acadia University, Wolfville, Nova Scotia. (January 28).

Luke, T. W. (2014). "Digging It Up, Dishing It Out: Thinking about the New Local Political Economies of Food." Acadia University's Social and Political Thought Program Wednesday Research Seminar. (January 30).

Luke, T. W. (2014). "Freedom in the Anthropocene." The Platypus Affiliated Society and the College of Sustainability Dalhousie University, Halifax, Nova Scotia. (January).



Luke, T. W. (2014). "Actually Existing Sustainabilization: Developing, Designing, Deploying Global Inequalities." *Critical Ecologies: Digital Habitats, Material Governance, and Global Inequalities 2014 ASPECT Graduate Conference*. Virginia Tech. (March 21- 22).

Luke, T. W. (2014). "Visual Culture: The Politics of Memorials and Museums." *The Methods Café Symposium, Western Political Science Association Annual Meeting*, Seattle. (April 18).

Luke, T. (2013). "Global Hegemony as Illiquid Modernity: Leading from Behind in an Age of Communicative Capitalism," *Peace Science Society and International Sociological Association, Corvinus University, Budapest, Hungary*. (June 27).

Luke, T. (2013). "Back to Each? Reconsidering Material-Contextual Theorizing of World Politics, "Questions of Geography, Technology, and Ecology."" *Woodrow Wilson School of Public and International Affairs, Princeton University, Princeton, NJ*. (April 26).

Luke, T. (2013). "The Confusion of Diffusion: Mainstream Misunderstandings, Misdirections, Maladjustments and a Turn to Object-Oriented Ontology." *International Studies Association, San Francisco, California*. (April 3).

Luke, T. (2013). "The Holocene-Anthropocene Extinction Event: Ecocritique as Probing the Impact of Urbanistan." *Western Political Science Association, Hollywood, California*. (March 27).

Luke, T. (2013). "Political Theology and Industrial Democracy: Developing and Sustaining Meaning in the Materiality of Millenarian Modernity," *Religion and Politics in a Post- Secular World, Telos Conference*,

*New York University*. (February 17).

Luke, T. (2013). "Mythographies of Might," *Realism and Critical Theory Conference, Newcastle University, Newcastle upon Tyne, United Kingdom*. (June 1).

### *Shalini Misra*

Misra, S., A. H. Marino, and D. Stokols. (2013). "Expert Peer Review and Bibliometric Analysis: A Mixed Methods Approach to Measuring The Scientific and Societal Impacts of the National Academies Keck Futures Initiative's Seed Grant Program." *Annual Conference of the American Evaluation Association*. (October).

Misra, S., L. Cheng, M. Yuan, and J. Genevie. (2014). "Impact of Digital Technologies on Face-to-Face Interactions in Hybrid Third Places: A Naturalistic Field Experiment." *Environmental Design Research Association, New Orleans, LA*. (May).

Misra, S. (2014). *Symposium Chair on a Panel "Societal Implications of Digital Technologies."* *American Psychological Association, Washington D.C.*

Misra, S. and J. Genevie. (2013). "The Experience of Place: How Digital Technologies are Restructuring Public Places." *Environmental Design Research Association, Providence, RI*. (May-June).

### *Joel Peters*

Peters, J. (2014). "Israel's New Geopolitical Imaginations." *Key Elements of Israel's Foreign Policy, Mitvim –The Israeli Institute for Regional Foreign Policies Institute for Applied Diplomacy, Tel Aviv University*. (March 25).

## presentations

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Peters, J. (2013). "Tough Love?" The Impact on Israeli-European Relations of the New EU Guidelines." Israeli-European Young Diplomats Forum, Jerusalem. (October 8).

Peters, J. (2013). "The Oslo Process 20 years later. What next for the peace process?" Instituto Affari Internazionale, Rome. (September 23).

Peters, J. (2013). "The United States and Israel in light of the Arab Spring." Eighth Annual BISA US Foreign Policy Working Group Conference, Globalisation and American Grand Strategy in a Time of Austerity, University of Warwick, UK. (September 17-18).

Peters, J. (2013). "The Oslo Accords: Twenty Years On." Annual Convention, European Association of Israel Studies, School of Oriental and African Studies, London. (September 16-17).

### Jesse Richardson

Richardson, J. (2014). "How Zoning Protects Property Rights." Weston City Council, Weston City Council, Weston, West Virginia. (April 7).

Richardson, J. (2014). "Development of West Virginia Water Law: Making Sense of It All." West Virginia Water Laws and Regulation, HalfMoon Education, Charleston, WV. (April 29).

Richardson, J. (2014). "Ethical Issues in Water Law and Regulation." West Virginia Water Laws and Regulation, HalfMoon Education, Charleston, WV. (April 29).

Richardson, J. (2014). "Understanding West Virginia Surface Water and Groundwater Rights." West Virginia Water Laws and Regulation, HalfMoon Education, Charleston, WV. (April 29).

Richardson, J. (2014). "West Virginia State and Regional Water Planning." West Virginia Water Laws and Regulation, HalfMoon Education, Charleston, WV. (April 29).

Richardson, J. (2014). "Optimal Setbacks and Minimum Lot Sizes for Effective Agricultural Zoning." Pittsylvania County, Virginia Planning Commission, Pittsylvania County, Virginia Planning Commission, Chatham, Virginia. (March 17).

Richardson, J. (2014). "Leaking Underground Storage Tanks and Above Ground Storage Tanks." Water Law 2014, West Virginia CLE, Charleston, WV. (March 21).

Richardson, J. (2014). "Coastal Planning: Lessons from the United States." Planning, Law and Property Rights Academic Association 2014 Conference, International Academic Association for Planning, Law and Property Rights, Haifa, Israel. (February 14).

Richardson, J. (2014). "Heirs Property- Issues and Solutions Across the World." Planning, Law and Property Rights Academic Association 2014 Conference, International Academic Association for Planning, Law and Property Rights, Haifa, Israel. (February 13).

Richardson, J. (Co-presenter) and J. Anderson (Co-presenter). (2014). "Floodplain Management." Mountain State Land Use Academy Leadership Conference, WVU College of Law Land Use and Sustainable Development Law Clinic, Pipestem State Park, West Virginia. (May 1).

Richardson, J. (2014). "Local, State and Federal Regulations Impacting Land Use." Mountain State Land Use Academy Leadership Conference, WVU College of Law Land Use and Sustainable Development Law Clinic, Pipestem State Park, West Virginia. (May 1).



## presentations

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Richardson, J. (2014). "The Comprehensive Plan." Mountain State Land Use Academy Leadership Conference, WVU College of Law Land Use and Sustainable Development Law Clinic, Pipestem State Park, West Virginia. (April 30).

Richardson, J. (2014). "Protecting Water Quality with Land Use Tools." Mountain State Land Use Academy Leadership Academy, WVU College of Law Land Use and Sustainable Development Law Clinic, Charleston, WV. (March 18).

Richardson, J. (2014). "Who Owns the Water? Update." Water Systems Council Spring Meeting, Water Systems Council, Washington, DC. (March 6).

Richardson, J. (2014). "Protecting West Virginia's Water Supply: A New Twist to an Established Tool." WVU College of Law, Morgantown, WV. (February 18).

Richardson, J. (2014). "Update on Legal Issues Impacting the Water Well Industry." Mountain States Groundwater Association Conference, Mountain States Groundwater Association, Laughlin, NV. (February 7).

Richardson, J. (2014). "Who Owns the Water?" New England Water Well Show, New England Water Well Association, Marlborough, Mass. (February 28).

Richardson, J. (2013). "Enforcement of Land Use Ordinances." Mountain State Land Use Academy Leadership Academy, WVU Law Land Use and Sustainable Development Law Clinic, Daniels, West Virginia. (November 17).

Richardson, J. (2013). "Ethical Issues in Representing Clients in Water-Related Issues." Virginia Water Law and Regulations, HalfMoon Education, Richmond, Virginia. (November 21).

Richardson, J. (2013). "Understanding Virginia Surface Water and Groundwater Rights." Virginia Water Law and Regulations, Half Moon Seminars, Richmond, Virginia. (November 21).

Richardson, J. (Co-presenter). (2013). "Virginia State and Regional Water Planning." Virginia Water Law and Regulations, HalfMoon Education, Richmond, Virginia. (November 21).

Richardson, J. (Co-presenter) and H. Pollard (Co-presenter). (2013). "Water Withdrawal Regulation and Permitting." Virginia Water Law and Regulations, HalfMoon Education, Richmond, Virginia. (November 19).

Richardson, J. (2013). "Natural Resources Law Update." AALA National Conference, American Agricultural Law Association, Madison, WI. (November 1).

Richardson, J. (2013). "From Plan to Action." Mountain State Leadership Academy, WVU Law Land Use and Sustainable Development Law Clinic, Charleston, WV. (October 9).

Richardson, J. (2013). "Zoning: Protection of Property Rights or Land Grab." Mountain State Leadership Academy, WVU Law Land Use and Sustainable Development Law Clinic, Charleston, WV. (October 8).

Richardson, J. (2013). "Introduction to Land Use Law." Update on the Law, West Virginia CLE, Morgantown, WV. (October 19).

Richardson, J. (2013). "Update on Legal Issues Impacting the Water Well Industry." Water Systems Council Fall Meeting, Water Systems Council, Orlando, Florida. (October 24).

## presentations

Richardson, J. (2013). "Planning Ethics." Virginia Rural Planning Caucus, Virginia Rural Planning Caucus, Mountain Lake, Virginia. (October 11).

Richardson, J. (2013). "Alt v. EPA." Iowa Agricultural Law Conference, Iowa State University, Ames, Iowa. (September 12).

Richardson, J. (2013). "Home Rule in West Virginia." Public Administration graduate class, Public Administration department, Morgantown, WV, University. (August 30).

Richardson, J. (2013). "Estate Planning issues in Farm Transition." Transferring the Farm, Vermont Cooperative Extension, Middlebury, VT. (August 15).

Richardson, J. (2013). "Estate Planning issues in Farm Transition." Transferring the Farm, Vermont Cooperative Extension, Newport, Vermont. (August 14).

Richardson, J. (2013). "Estate Planning Issues in Farm Transition." Transferring the Farm, Vermont Cooperative Extension, St. Albans, VT. (August 13).

Richardson, J. (2013). "Case Law Update." Virginia APA, Virginia APA, Ashburn, VA. (July 23).

### Patrick Roberts

Roberts, P. and A. Ray (Author Only). (2014). "Policy and Governance Roadblocks to the Coming Autonomous Vehicle Revolution." Midwest Political Science Association, Chicago, IL. (April 4).

Roberts, P. (2014). "The Evolution of Emergency Management: Network Management in a Political Environment." Midwest Political Science Association, Chicago. (April 3).

Roberts, P. (2013). "What Civil Defense

Federalism Can Teach About the Practice of Homeland Security." Law and Society International Meeting, Law and Society Association, Boston. (June 1).

Roberts, P. (2013). "The Neglected Lessons of Civil Defense for the Homeland Security Era." Università della Svizzera, Italiana, Lugano, Switzerland. (October 29).

Roberts, P. (2013). "The Politics of Blame After Crisis: Why Disasters Make Heroes Out of Some Leaders and Villains Out of Other." Università della Svizzera, Italiana, Lugano, Switzerland. (October 28).

Wernstedt, K. (Presenter), P. Roberts (Author Only), J. Arvai (Author Only), and K. Redmond (Author Only). (2014). "Seasonal Climate Signals for Drought and Flood Management Practitioners." American Meteorological Society 94th Annual Meeting, American Meteorological Society, Atlanta, GA. (February 5).

Wernstedt, K. (Presenter), P. Roberts (Author Only), J. Arvai (Author Only), and K. Redmond (Author Only). "Emergency Management in Rural America: Decision Makers' Use of Climate Science in Flood Planning and Management." Division of Civil, Mechanical and Manufacturing Innovation (CMMI) National Science Foundation, NSF, Boston, MA.

Roberts, P., J. Arvai, K. Redmond, and K. Wernstedt. (2014). "Using Climate Forecasts to Improve Emergency Planning and Management." Disaster Research Center 50th Anniversary Workshop, Disaster Research Center, University of Delaware, Newark, DE. (May 1).

Roberts, P. (2014). "Resilience as an Outcome." Disaster-STS Workshop, Drexel University and U Penn Press, Philadelphia, PA. (April 29).

## presentations

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### Tom Sanchez

Sanchez, T. (2013). "On the Street: Transportation and Affordable Housing." Housing Land Advocates Annual Conference, Housing Land Advocates, Portland, OR. (October).

### Max Stephenson

Stephenson, M. (Author only) and L. Kirakosyan (Lead author). (2014). "Arts-Based approaches and their implications for researchers in other fields." Arts Based Research: An Interdisciplinary Dialog Special Interest Group at the 10th International Congress on Qualitative Inquiry University of Illinois at Urbana-Champaign. (May 21).

Stephenson, M. (Co-presenter), L. Zanotti (Co-presenter), and M. Schnitzer. (2014). "Biopolitical and disciplinary peacebuilding: sport, reforming bodies and rebuilding societies in the new millennium." International Studies Association Annual Meeting, International Studies Association (ISA), Toronto, Canada. (March 27).

Stephenson, M. (Author Only) and R. Christensen (Presenter). (2014). "The Illusion of Oversight: How Nonprofit Practitioners Respond to Accountability Pressures in the Contracting Regime." International Research Society for Public Management, International Research Society for Public Management, Ottawa Canada. (April 10).

Stephenson, M. (Co-presenter) and L. Kirakosyan (Co-presenter). (2014). "Exploring Theatre as a Tool for Building Social Peace and Justice." CAUS 50th anniversary Research Conference, VT CAUS, Blacksburg, VA. (April 2).

Stephenson, M. (Co-presenter), L. Zanotti (Co-presenter), and N. McGehee (Author Only). (2014). "International Aid meets Local Power: Exploring local Ownership in the Context of Extreme Poverty in a Rural Community in Haiti." CAUS 50th Anniversary Research Conference, VT CAUS, Blacksburg, VA. (April 2).

Stephenson, M. (Author Only) and E. Barry-Murphy (Presenter). (2014). "Adjudicating the Refugee Story: Assessing Pitfalls and Charting Possibilities." Refugee Voices: Refugee Studies Centre International Conference, Oxford University, Oxford, England. (March 24).

Stephenson, M. (Author Only) and L. Kirakosyan (Presenter). (2013). "Exploring Theater as a Tool for Building Peace and Justice: The Case of Serbia's DAH Teatar, Maneuvering the Maze." Understanding Justice in Conflicts conference, Monterey Institute of International Studies, Monterey, CA. (November 15).

Stephenson, M. (2013). "The Occupy Movement: Two Years On: The Prospects for Movements without Structures." ARNOVA annual conference, Hartford, Connecticut. (November 22).

Stephenson, M. (Author Only), K. Parrott (Presenter), and W. Al-Daily (Author Only). (2013). "The Role of Land Tenure, Property Rights and Social Discrimination in the Informal Community Housing Crisis in Sana'a, Yemen." Housing Education and Research Association Annual Conference, Housing Education and Research Association Conference, Tulsa OK. (October 29).

## presentations

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Stephenson, M. (Author Only), K. Parrott (Presenter), and W. Al-Daily (Author Only). (2013). "An Analytical Case Study of Mahwa Aser, An Informal Settlement in Sana'a, Yemen." Research Committee 43, International Sociological Association Conference, International Sociological Association, Amsterdam, The Netherlands. (July 11).

Stephenson, M. (Co-presenter) and L. Zanotti (Co-presenter). SPIA Ridenour Symposium, School of Public and International Affairs, Virginia Tech, Haiti and Resilience.

Al-Daily, W. (Author Only), K. Parrott (Presenter), and M. Stephenson (Author Only). (2013). "The role of land tenure, property rights, and social discrimination in the informal community housing crisis in Sana'a, Yemen." We know we belong to the land: Housing on the Plains, Housing Education and Research Association, Tulsa, OK. (October).

Stephenson, M. (Author Only), K. Parrott (Author Only), and W. Al-Daily (Presenter). "Collecting Data in a Time of Crisis: The Case of Mahwa Aser in Sana'a City, Yemen." Housing Education and Research Association Conference, Roanoke, Va.

Stephenson, M. (Presenter), S. R. Smith (Presenter), M. Thomas (Presenter), and D. Blake (Presenter). "Panel on Democratization Prospects and Challenges." VT SPIA Ridenour Research Conference, VT School of Public and International Affairs, Blacksburg, Va.

Stephenson, M. (2014). "Haiti and Development Aid." International Development Aid and Humanitarianism, CLAHS/ASPECT VT, Blacksburg, Va. (April 11).

Stephenson, M. (Co-presenter). (2014). "Building Walls and Dissolving Borders." Highlighting Faculty Research, College of

Liberal Arts and Human Sciences and VT Libraries, Newman Library. (March 4).

Stephenson, M. (Coordinator/Organizer) and L. Zanotti (Coordinator/Organizer). (2013). "Peacebuilding in an Age of Risk." European International Studies Joint Session of Workshops, The ECPR-Standing Group on International Relations, 1st European International Studies Joint Session of Workshops, Tartu, Estonia. (June 5).

### Gerard Toal

Toal, G. "The "Last Neocon War"? The United States and the Russian-Georgian War of 2008." International Studies Association annual conference, International Studies Association, Toronto.

Toal, G. "Clashing Spheres of Influence? Russia, its Borderlands and the West." NIRSA, National University of Ireland, Maynooth, Ireland.

### Kris Wernstedt

Wernstedt, K. (Presenter), P. Roberts (Author Only), J. Arvai (Author Only), and K. Redmond (Author Only). (2014). "Seasonal Climate Signals for Drought and Flood Management Practitioners." American Meteorological Society 94th Annual Meeting, American Meteorological Society, Atlanta, GA. (February 5).

Roberts, P., J. Arvai, K. Redmond, and K. Wernstedt. (2014). "Using Climate Forecasts to Improve Emergency Planning and Management." Disaster Research Center 50th Anniversary Workshop, Disaster Research Center, University of Delaware, Newark, DE. (May 1).

## presentations

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Wernstedt, K. (Co-presenter), J. Schilling (Co-presenter), N. Hoelzel (Coordinator/Organizer), and N. G. Leigh (Co-presenter). (2013). "The Future of Brownfields Research in Policy and Practice", National Brownfields Conference 2013, EPA, Atlanta, GA. (May 16).

### Jocelyn Widmer

Widmer, J. (Author Only) and A. Baciú, A. (Presenter). "Vitamins for the 21st Century: Valuing Design as a Tool for Primary Prevention." Design + Health Summit, The American Institute of Architects, The American Institute of Architects, Washington, DC.

Widmer, J. (Presenter). "Scalability of a Community-Based Approach to Improve Water Point Access, Functionality, and Public Health in the Leogane and Gressier Districts of Haiti." Joint AESOP / ACSP Congress, AESOP / ACSP, Dublin, Ireland.

Widmer, J. (Presenter), K. Redican, S. Marmagas, K. Hosig, K. Abbas (Presenter), A. Bertke, F. W. Pierson, T. Kerkering, S. Eubank, J. Hodgson, J. Widmer (Presenter), L.-A. Krometis, S. Wenzel, N. Evans, G. Schurig, and C. Johnson. (2013). "Interprofessional Integration & Sustainability of One Health in Education and Beyond." Association of American Veterinary Medical Colleges Annual Conference, Washington, DC. (September).

Widmer, J. (Presenter), K. Redican, S. Marmagas, K. Hosig, K. Abbas, A. Bertke, F. W. Pierson, T. Kerkering, S. Eubank, J. Hodgson, J. Widmer, L.-A. Krometis, S. Wenzel, N. Evans, G. Schurig, C. Johnson. (2013). "One Health in the Public Health Program at Virginia Tech." European College of Veterinary Public Health Annual General Meeting and

Annual Scientific Conference, Turino, Italy. (September).

Widmer, J. (Presenter). "Global Health." 2nd Year Medical Students, Carilion VT School of Medicine, Roanoke, VA.

Widmer, J. (Presenter). "One of These Things is Like the Other: Finding the Adjacent Possible in Global Health." HealthPag Hylton Invited Lecture, Roanoke College, Roanoke, VA.

Widmer, J. "Scalability of a Community-Based Approach to Improve Water Point Access, Functionality, and Public Health in the Leogane and Gressier Districts of Haiti." Public Health Grand Rounds, Virginia-Maryland Regional College of Veterinary Medicine's Public Health Program, Blacksburg, VA.

Widmer, J. "People + Public Health + Places: A Call for Global and Local Action." Cityworks (X)po, Roanoke, VA.

### Diane Zahm

Zahm, D. (Presenter Only). (2014). "Tools of Planning." Certified Planning Commissioner Program, Plan Virginia. (January 30).

## **Funded Projects**

# *funded projects*

### **Ariel Ahram**

Security, Conflict, and Environmental Manipulation in the Middle East  
Sponsor: Virginia Tech, The Institute for Society, Culture and Environment  
Amount: \$25,000.00  
(January 10, 2013 - May 2014).

### **Ralph Buehler**

Regional Coordination in Public Transportation: Lessons for the United States  
Sponsor: Mid Atlantic University Transportation Center  
Amount: \$100,000.00  
(September 2013 - September 2015).

Impacts of BikeSharing on Economy and Travel Behavior  
Sponsor: Mid Atlantic University Transportation Center  
Amount: \$38,500.00  
(August 2013 - May 2014).

### **Ralph Buehler**

Integrative Graduate Education and Research Traineeship Program in Disaster Risk Management and Resilience Science (DRM-IGERT)  
Margaret Cowell, Christopher Zobel, Yang Zhang, Max Stephenson, Robert Weiss, Jocelyn Widmer, Gunney Olgun  
Sponsor: Virginia Tech, Graduate School  
Amount: \$20,000.00

### **Maggie Cowell**

D.C. Initiative  
Margaret Cowell  
Sponsor: Institute for Society, Culture, and Environment  
Amount: \$100,000.00  
(September 15, 2013 - May 1, 2017).

Fostering Community Resilience through Adaptive Learning in a Social Media Age  
Margaret Cowell, Yang Zhang, William Drake, Christopher Zobel, Yuhong Li  
Sponsor: Ridenour Faculty Forum, Institute for Society, Culture, and the Environment (VT)  
Amount: \$20,000.00  
(April 15, 2014 - September 30, 2015).

Building a common language around the dynamic resilience of coastal communities  
Margaret Cowell, Christopher Zobel, Yang Zhang, Robert Weiss, Guney Olgun  
Sponsor: Institute for Society, Culture, and Environment -- Global Issues Initiative  
Amount: \$20,000.00  
(December 15, 2013 - June 15, 2015).

Building Resilient Regions  
Margaret Cowell  
Sponsor: MacArthur Foundation  
Amount: \$10,000.00  
(January 1, 2013 - September 1, 2013).

### **Giselle Datz**

The Political Economy of Pension Finance in Latin America  
Giselle Datz  
Sponsor: GII-ISCE  
Amount: \$19,555.00  
(January 2014 - December 2014).

## *funded projects*

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### *Ralph Hall*

Peering into the Black Box of Learning via Cognitive Life Logging  
Ralph Hall (PI)  
Sponsor: Networked Learning Initiatives, Virginia Tech  
Amount: \$10,000.00  
(June 15, 2013 - Present).

Creating an International Program for Sustainable Infrastructure Development  
Ralph Hall (PI), Michael Garvin (Co-PI), Shalini Misra (Co-PI)  
Sponsor: University Grants Commission, India  
Amount: \$476,442.00  
(August 1, 2012 - July 31, 2015).

2012 Mentoring Micro-Grant  
Ralph Hall (PI)  
Sponsor: AdvanceVT, Virginia Tech  
Amount: \$1,500.00  
(February 15, 2012 - April 15, 2014).

Impact Evaluation for the Millennium Challenge Corporation-supported Rural Water Investment in Nampula, Mozambique  
Ralph Hall (Co-PI), Jennifer Davis (Co-PI), Eric Vance  
Sponsor: Millennium Challenge Corporation  
Amount: \$814,235.00  
(May 2010 - April 5, 2014).

Impact Evaluation of the Tanzania Water Project  
Ralph Hall (Advisor/Consultant), Jeffrey Alwang, Eric Vance, Charles Pendley, Mike Duthie  
Sponsor: Millennium Challenge Corporation  
Amount: \$500,000.00  
(May 1, 2012 - April 30, 2013).

### *Sonia Hirt*

Center for Excellence in the Humanities  
Sonia A Hirt  
Sponsor: University of Sofia  
Amount: \$5,500.  
(June 1, 2014 - August 1, 2014).

Global Suburbanisms  
Sonia A Hirt  
Sponsor: York University  
Amount: \$10,000.00  
(August 1, 2012 - December 31, 2014).

Global Suburbanisms  
Sonia A Hirt  
Sponsor: York University  
Amount: \$22,660.00  
(August 1, 2011 - December 31, 2013).

### *Paul Knox*

Global Suburbanisms: Governance, Land, and Infrastructure in the 21st Century  
Paul Knox  
Sponsor: Major Collective Research Initiative (MCRI), Social Sciences and Humanities Research Council of Canada.  
Amount: (c.\$5,000)  
(2013-14).

### *Ted Koebel*

Housing the Richmond Region: Needs, Impediments and Strategies  
Melissa Jones, Charles Koebel  
Sponsor: Partnership for Housing Affordability  
Amount: \$57,943.00  
(March 25, 2014 - March 15, 2015).



## funded projects

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Developing a Plan for Sustainable, Affordable Housing for the New River Valley  
Marilyn Cavell, Charles Koebel  
Sponsor: U.S. Department of Housing and Urban Development  
Amount: \$97,679.00  
(May 16, 2011 - January 31, 2014).

Update of Housing Affordability Sourcebook and PLAYBOOK  
Marilyn Cavell, Charles Koebel, Melissa Jones  
Sponsor: Housing Virginia  
Amount: \$162,519.00  
(June 1, 2009 - January 31, 2014).

Impact of Market Behavior on the Adoption and Diffusion of Innovative Green Building Technologies in Residential Firms  
Marilyn Cavell, Andrew McCoy, Charles Koebel, Hazhir Rahmandad, Christopher Franck  
Sponsor: U. S. Department of Housing and Urban Development  
Amount: \$363,475.00  
(September 29, 2011 - September 28, 2013).

Housing Needs and Market Proposal for Surry County and Surrounding Areas  
Marilyn Cavell, Charles Koebel, Melissa Jones, Andrew McCoy  
Sponsor: Ferguson Grove CDC  
Amount: \$9,810.00  
(May 10, 2013 - August 9, 2013).

### *Robin Lemaire*

An AGIL Network Approach to Community Resilience  
Robin Lemaire  
Sponsor: RFFC/ICSE  
Amount: \$20,000.00

### *Tim Luke*

Classical Realism Meets Critical Theory: Crisis, Modernity, and the Return of Humanity  
Timothy Luke  
Sponsor: Leverhulme Trust  
Amount: \$149,259.00  
(January 1, 2013 - December 31, 2015).

### *Shalini Misra*

Conceptualizing and Measuring Transdisciplinary Intellectual Orientation  
Shalini Misra  
Sponsor: Institute of Society, Culture, and Environment  
Amount: \$10,000  
(November 2013-June 2014).

BRIDGES: Building Resources through Integrating Disciplines for Group Effectiveness in Science  
Shalini Misra  
Sponsor: National Science Foundation  
Amount: \$400,000.00  
(2013-2015).

D.C. Initiative  
Shalini Misra, Derek Hyra  
Sponsor: Institute of Society Culture and Environment, Virginia Tech  
Amount: \$100,000.00  
(2013-2017).

### *Patrick Roberts*

Grant for Developing Online Course Material  
Patrick Roberts  
Sponsor: Charles Koch Foundation  
Amount: \$5,000.00  
(January 1, 2014 - Present).



## *funded projects*

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Unmanned Aerial System Airworthiness: A Case Study in Safety Certification for Complex, Non-Deterministic Systems  
Patrick Roberts, Craig Woolsey, Mazen Farhood, Leigh McCue-Weil, Mayuresh Patil, Christopher Roy  
Sponsor: ICTAS  
Amount: \$299,257.00  
(July 1, 2013 - June 30, 2015).

Emergency Management in Rural America: Decision-Makers Use of Climate Science in Flood Planning and Management  
Patrick Roberts, Kris Wernstedt  
Sponsor: National Science Foundation  
Amount: \$399,597.00  
(September 1, 2011 - August 31, 2014).

The International Atomic Energy Agency: From Auditor to Inspector; An Organizational Approach to Understanding Inspection Regimes  
Patrick Roberts  
Sponsor: ISCE - VT  
Amount: \$12,064.00  
(May 15, 2013 - January 10, 2014).

Sociolegal Disaster Workshop honorarium for Law and Society Panel and travel  
Patrick Roberts  
Sponsor: NSF Disaster Workshop  
Amount: \$1,000.00  
(May 30, 2013 - June 2, 2013).

### *Max Stephenson*

Integrative Graduate Education and Research Traineeship Program in Disaster Risk Management and Resilience Science (DRM-IGERT)  
Margaret Cowell, Christopher Zobel, Yang Zhang, Max Stephenson, Robert Weiss,

Jocelyn Widmer, Gunney Olgun  
Sponsor: Virginia Tech, Graduate School  
Amount: \$20,000.00

### *Gerard Toal*

Attitudes and beliefs in Russian-supported 'de facto' states and Eastern Ukraine in the wake of the Crimean annexation  
Gerard Toal, John O'Loughlin  
Sponsor: National Science Foundation  
Amount: \$156,633.00  
(May 15, 2014 - April 30, 2015).

### *Kris Wernstedt*

Seasonal Climate Signals" Developing a Community of Practice  
Kris Wernstedt, Patrick Roberts  
Sponsor: National Oceanic and Atmospheric Administration  
Amount: \$96,000.00  
(September 1, 2013 - August 31, 2015).

Emergency Management in Rural America: Decision-Makers Use of Climate Science in Flood Planning and Management  
Patrick Roberts, Kris Wernstedt  
Sponsor: National Science Foundation  
Amount: \$399,597.00  
(September 1, 2011 - August 31, 2014).  
Total award: \$399,597 total.

Commuter Adaptation to Transportation Disruption in Hurricane Sandy's Aftermath  
Kris Wernstedt, Pamela Murray-Tuite  
Sponsor: NSF  
(November 26, 2012 - December 31, 2013).

## *funded projects*

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### *Yang Zhang*

Fostering Community Resilience through Adaptive Learning in a Social Media Age  
Yang Zhang (PI), Margaret Cowell (Co-PI), Christopher Zobel (Co-PI), William Drake, Yuhong Li

Sponsor: Ridenour Faculty Forum, Institute for Society, Culture, and the Environment (VT)

Amount: \$20,000.00

(April 15, 2014 - September 30, 2015).

Building a common language around the dynamic resilience of coastal communities  
Christopher Zobel (PI), Yang Zhang (Co-PI), Margaret Cowell (Co-PI), Guney Olgun (Co-PI), Robert Weiss (Co-PI)

Sponsor: Institute for Society, Culture, and Environment -- Global Issues Initiative (GII)

Amount: \$20,000.00

(December 15, 2013 - June 15, 2015).

Developing an intergovernmental management framework for sustainable recovery following catastrophic disasters

Yang Zhang (PI)

Sponsor: National Science Foundation

Amount: \$123,051.00

(September 1, 2010 - August 31, 2014).

Developing a Policy Framework for Community Resilience Building after Disaster

Yang Zhang (PI), John Randolph (Co-PI), William Drake

Sponsor: Institute of Society, Culture, and Environment

Amount: \$17,272.00

(April 3, 2012 - August 15, 2013).

# *School of Public & International Affairs*

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## *DEGREES OFFERED*

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*Master of Public & International Affairs*

*Master of Urban & Regional Planning*

*Ph.D. in Public Administration & Public Affairs*

*Ph.D. in Planning, Governance & Globalization  
(Governance & Globalization track)  
(Urban & Environmental Design & Planning track)*

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