

School of Public and International Affairs



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

Report of Faculty Research & Scholarship 2014-2015



School of Public & International Affairs

2014-2015

Report of Faculty Research & Scholarship

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a note from the director...

In the 2014-2015 academic year, the Virginia Tech School of Public and International Affairs (VT SPIA) in the College of Architecture and Urban Studies (CAUS) took steps to build the capacity of the School to support student recruitment and success, to foster collaborative research, to develop new degrees focused on critical needs and to hone and strengthen existing degrees, to establish professional noncredit programming, to build a strong system of support and inspiration and set strategic direction with our new Advisory Board and Alumni Council, and to develop international opportunities and connections. Faculty and students traveled across the nation and the globe to present research at major research conferenc-

es, a 247% increase in travel from 2011; students participated in hands on studios focused on evidenced based decision making for tough urban challenges and planning for cultural preservation and enhance-

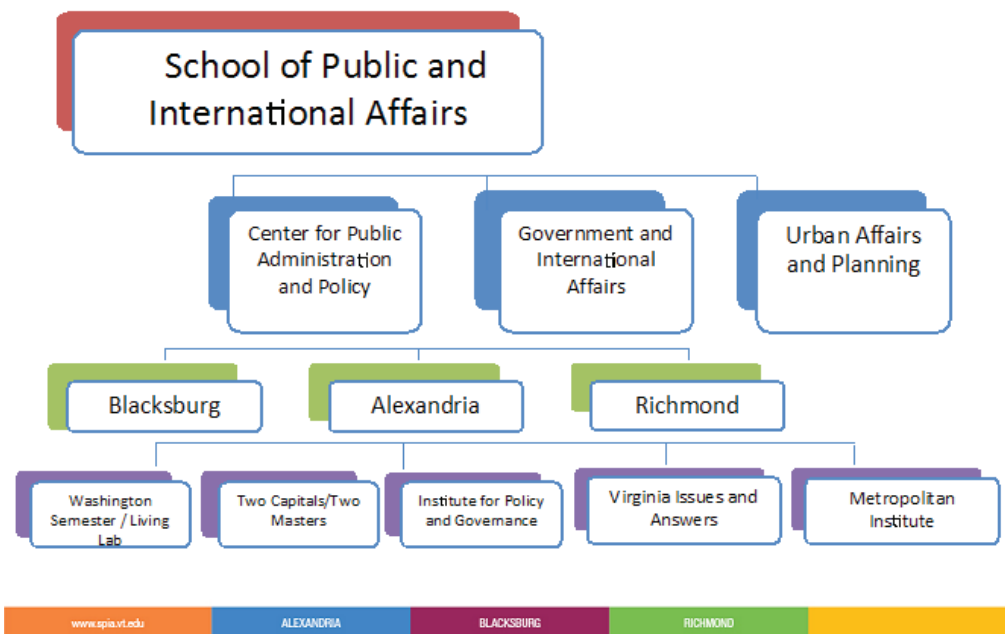


Anne Khademian

ment; and we have worked to support the strategic vision of President Tim Sands by focusing on the role of VT SPIA in building the land grant university of the future, in building the two-campus binary star opportunities, and in building our commitment to diversity and inclusion.

VT SPIA strives to bring multiple perspectives and disciplines together to prepare students for careers of professional service and scholarship, to develop research that advances

theory and practice, and to engage with communities and organizations across the region and the world to work on questions of planning, policy, administration and governance, security, sustainability, collaboration, resilience, development, and more. VT SPIA has three strategic locations in the Blacksburg main campus, in Old Town Alexandria, and in the State Capital of Richmond. Some of the highlights in this broad effort are featured below, and summarized in this report:



Highlights

highlights

- **New Faculty and Staff:** In January *David Bieri* joined Urban Affairs and Planning (UAP) in SPIA as an associate professor and will lead the financial resilience initiative in the Global Forum on Urban and Regional Resilience; *Steve Hankey* and *Sara Jordan* completed their first year as faculty members in UAP and Center for Public Administration and Policy (CPAP) respectively, and *Susan Sterett* completed her first year as a professor in CPAP and director of the Metropolitan Institute (MI). *Todd Schenk* and *Tom Skuzinski* will join UAP in Fall 2015, and *Elizabeth Morton* accepted a professor of practice position to lead the new Urban Design initiative in UAP. *Andrea Morris* is now leading the Washington Semester and the new certificate in Translational Public Policy (living lab certificate). *Han Le* joins us as a new fiscal technician and *Leigh Bower* joins us as a graduate student coordinator for UAP. And *Georgeta Pourchot* is now a full time member of the SPIA team, taking on responsibilities for recruitment and alumni initiatives.
- **SPIA Advisory Board:** The first meeting of the VT SPIA Advisory Board was held on June 4th in the Virginia Tech Research Center. Board members include co-director of the Global Forum on Urban and Regional Resilience and former Vice President and Executive Director of Virginia Tech's National Capital Region, Dr. *James Bohland* (Chair of the Board); the 15th President of Virginia Tech, Dr. *Charles Steger*; former director of the National Geospatial Agency, *Leticia Long*; United Nations Deputy High Commissioner for Refugees, *Kelly Clements*; Hollins University President, *Nancy Gray*; Vice Governor of the Korean Province Gyeong Gi, Dr. *Soo Young Park*; and Virginia Senator *Barbara Favola*, representing the 31st district.
- **IPG celebrates 9th anniversary:** This year the Virginia Tech Institute for Policy and Governance (VTIPG) celebrated 9 years of building strategic relationships between the university and community by linking academic research and outreach efforts to address signifi-

cant public policy issues on behalf of disadvantaged and vulnerable populations in Virginia and across the globe. This year's highlights included exceeding the combined 200th publication of Director *Max Stephenson's* Soundings (189), a weekly commentary, and Tidings (29), and the continued success of the graduate student commentary Reflections and Explorations; the engaging and insightful leadership lessons through Community Voices; nearly \$1.5 million awarded for research and outreach including the successful proposal to study military to civilian workforce transition for Virginia's veterans; numerous scholar exchanges and lectures; the 25th individual affiliated with VTIPG complete their PhD's since the start; and the publication of Max Stephenson Jr. and *A. Scott Tate*, eds. Arts and Community Change: Exploring Cultural Development Policies, Practices and Dilemmas. Oxford, England: Routledge Publishers, 2015.

- **Editorial leadership:** At the conclusion of this year, five faculty members with VT SPIA currently serve or will soon serve as Editors of five prominent journals. *Tom Sanchez* edits Housing Policy Debates; *Brian Cook* edits Administration and

Society; *Sonia Hirt* edits Journal of Planning History; *Susan Sterett* will co-edit Law and Society Review; *Ralph Buehler* edits Transportation Research Record.

- **Alumni Relations and SPIA Alumni Council:** SPIA created the first Alumni Council to build relations with alumni from all of the SPIA programs, support student mentoring and internship opportunities, and to enhance student recruitment. With the support of the alumni council, SPIA hosted two alumni gatherings in the national capital region, a luncheon and awards reception in Blacksburg, and a new mentoring program is in the works.
- **Task Forces on Diversity and the Student Experience:** SPIA convened two vital task forces this year, each composed of students, faculty and staff. The Diversity Task Force was charged broadly with reviewing and researching diversity and inclusion efforts (across SPIA, the University and in other public and international affairs programs), and defining a way forward to strengthen diversity in our recruitment efforts, in our curriculum, and in the signature events that could enhance and institu-

tionalize our school commitment to diversity. The student experience task force focused on enhancing the support and connectivity of students in the School, from the initial inquiries about the program, through application, admission, enrollment, graduation, and beyond. The “priority punch list” developed by the Task force is guiding the work of recruitment, communications, advising and more.

- **MI and MI + SPIA:** The Metropolitan Institute had a terrific year under the new leadership of *Susan Sterett*. In addition to 539,430.14 in research expenditures, MI continued to support SPIA wide research efforts including travel support for 14 students to present at academic conferences across the country and internationally, hosting a workshop on Team Science, bringing together over 40 researchers to discuss the challenges and opportunities of collaborate and interdisciplinary research, support for ongoing roundtable speaker series, and pre and post award support for all SPIA faculty. MI is a key collaborator in the ongoing development of a Global Innovation District in the
- **Public Private Partnership (P3) Program:** The P3 Program highlights the critical role of leadership in developing and executing successful public private partnerships. This year SPIA hosted two workshops that brought together practitioners from both the private and public sectors to explore leadership challenges and identify best practices in building trust and culture, and in navigating multiple sectors. SPIA Professor of Practice *Rob Stalzer* leads the program.
- **New Certificates:** The Local Government Management certificate is a non-degree certificate that provides the next generation of local government managers with the tools to advance their careers and provide exceptional leadership within the communities where they work. In the past year CPAP has worked to expand this certificate program into an on-line version. Designed for both a national audience and for Virginia residents who are unable to take synchronous classes, the on-line certificate has the same requirements, with course content and instructors

NCR.

from throughout the United States. Enrollment will begin in Fall 2015.

- **Two Capitals Program:** Two Capitals, Two Masters is a partnership between Virginia Tech and University of Kent, Brussels. This double master's program allows students the opportunity to study, train and network in two major centers of political activity, Washington, D.C. and Brussels. Students complete one year of study at each location and at the end of two years earn an MA from UKB and an MPIA from Virginia Tech. Program director *Georgeta Pourchot* has successfully recruited ten American students to the program and the first cohort will begin classes in Fall 2015.

- **Ridenour Faculty Fellowship Conference 2014:** For the third Ridenour Faculty Fellowship Conference, SPIA collaborated with the Institute for Society, Culture and Environment (ISCE) to host a conference on RESILIENCE. This year's conference was organized around a grant competition to foster long term research collaboration. The two winning teams were each featured in a workshop during the conference, one fo-

cused on the role of social media in community resilience, the other on community resilience through a network approach. The workshops served as scientific and outreach platforms for further developing their resilience research in order to support their work towards a greater research project. We were also joined by Timothy Manning, Deputy Administrator, Protection and National Preparedness, Federal Emergency Management Agency for this year's event.

- **Washington Semester:** The 2015 Washington Semester (WS) program hosted an orientation session in Alexandria and Blacksburg on Friday, April 17, for this year's participants and their families. Undergraduates from a variety of majors spend the summer in hands on, cohort learning opportunities focused on policymaking, public leadership, and analysis in rigorous internships with agencies and nonprofits in the greater D.C. area. The program includes extensive professional development opportunities, high profile round table discussions, field trips to key policy making organizations and institutions, and the integration of course work with internship learning. The program doubled in size this year.

Faculty, Staff, Student and Program Recognition

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

Yang Zhang (UAP) and *Ariel Ahram* (GIA) were promoted to associate professors with tenure. *Diane Zahm* was recognized by the Academy of Faculty Services. Yang Zhang (UAP) was also awarded the University Certificate of Teaching Excellence, *Tom Hickok* (CPAP) received the CAUS Certificate of Teaching Excellence, and *Adam Eckerd* (CPAP) received the CAUS Excellence in Outreach Award. *Matt Dull* (CPAP) received the Diversity Recognition Award, and *Ted Koebel* (UAP) received the Career Achievement Award with CAUS.

The Urban Affairs and Planning (UAP) Program was a 2014 recipient of Virginia Tech's Exemplary Department or Program Award. Sponsored by the Center for Instructional Development and Educational Research (CIDER), the award recognizes programs and departments for developing and sustaining innovative and effective approaches to fostering Ut Prosim (That I May Serve) at the undergraduate or graduate level. UAP was honored for its extensive history of student and faculty engagement in

local, state, and regional planning and policy, and the many contributions it has made to planning practice through student engagement. UAP's undergraduate and graduate degrees include at least one studio course which provides opportunities for students to work on 'real problems with real people in real places. These studio projects serve to transition students from the academic to the professional world. Students are responsible for a scope of work that has been negotiated with a partner organization or agency and for a final product that will be officially adopted into local policy.

Anna Erwin (PGG), *Sarah Halvorson-Fried* (MURP), and *Andrea Hamre* (PGG) were named Citizen Scholars by the Virginia Tech Graduate School. Each student completed a citizen scholar project that was recognized by the Graduate School.

PGG graduate *Cindy Lintz* received the Outstanding Dissertation Award in the Social Science, Business, Education and Humanities category from the Virginia Tech Graduate School for her dissertation entitled, "Understanding the Construction of National and Regional Identity: Perceptions of One Another along the Bulgarian-Macedonian Border."

Teaching and Learning

Teaching & learning

note from the director

SPIA student enrollments at the graduate levels remain steady. Provost funding received this year is targeted to robust enrollment growth, particularly in the National Capital Region where competition for graduate degrees is intense. Doctoral program enrollments remain steady.

A sharp decline in undergraduate enrollments has been met with targeted recruitment strategies, communication and marketing improvements to be implemented this year. The following table lists the number of academic majors enrolled in each degree program for Fall 2014:

Table 1 SPIA Academic Majors Enrolled by Degree Program

Undergraduate Academic Majors Fall 2014

72	Environmental Policy and Planning
39	Public and Urban Affairs
111	TOTAL Undergraduate Majors

Graduate Academic Majors Fall 2014

Master’s Degree Programs

88	Public Administration
39	Public and International Affairs
68	Urban and Regional Planning
195	TOTAL Graduate/Master Degree Majors

Doctoral Degree Programs

75	Public Administration and Public Affairs
52	Planning, Governance, and Globalization
127	TOTAL Graduate/Doctorate Degree Majors

Research and Discovery

research & discovery

SPIA faculty had a successful year in research and discovery. 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. SPIA conference travel expenditures for students and faculty combined increased by 250% from 2010 to the present. We will continue to emphasize and support research conference travel for professional development and learning from the interaction of ideas and research in a broader audience.

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: Ariel Ahram’s work

on ISIS and conflict in the Middle East, Robin Lemaire’s work on trust and networks, Adam Eckerd’s work on community metrics and indicators of innovation and economic development, Ralph Hall’s international work in sustainability, Steve Hankey and Ralph Buehler’s work on transit mode and bicycling, Yang Zhang’s work in disaster relief, Laura Jensen’s work on the evolution of federal outsourcing, Shalini Misra’s work on digital technologies and the impact on social relationships, Trish Nickel’s work on the production of the author as ascetic practice, and Giselle Datz’s innovative initiative in debt financing.

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 2 SPIA Faculty Scholarship Indicators, 2010-2014

	2010	2011	2012	2014-2015
Books	9	15	19	12
Book chapters	25	44	36	37
Articles	73	41	75	68
Other papers and reports	37	58	46	38
Presentations	100	109	137	137
Journal editors and assoc editors				5 editors/4 assoc editors
Editorial Boards	39	22	16	39

Table 3 SPIA Research Indicators, 2014

SPIA Proposal Submissions

Credit Org	SPIA		IPG		MI	
Based on Credit % of SPIA PIs	\$ 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	\$ 5,387,927.00	9	\$ 3,791,577.00	30	\$ 1,071,793.00	2
Preliminary FY 2015	\$ 4,150,070.00	6	\$ 3,075,677.00	23	\$ 353,894.00	7

Home Org	SPIA		IPG		MI	
Proposals from PI's homed in SPIA. This includes proposals where SPIA PI's were on proposals submitted by other units	\$ Submitted	# Proposals	\$ Submitted	# Proposals	\$ Submitted	# Proposals
FY 2012	\$ 3,726,619	19	\$ 4,336,756.74	12	\$ 775,994.00	4
FY 2013	\$ 3,595,655.95	14	\$ 4,476,726.08	18	\$ 337,109.80	2
FY 2014	\$ 5,134,078.77	14	\$ 3,586,084.37	26	\$ 1,071,793.00	2
Preliminary FY 2015	\$ 4,452,688.00	9	\$ 2,346,016.00	20	\$ 227,872.00	4

Submitted Org	SPIA		IPG		MI	
Proposals submitted with SPIA, IPG or MI as the SUBMITTING ORG. Proposals where these units were the PRIME.	\$ Submitted	# Proposals	\$ Submitted	# Proposals	\$ Submitted	# Proposals
FY 2012	\$ 1,132,195.00	11	\$ 149,900.00	1	\$ 1,616,367.00	5
FY 2013	\$ 2,697,562.00	14	\$ 3,432,462.00	13	\$ 468,283.00	3
FY 2014	\$ 673,106.00	3	\$ 3,742,682.00	30	\$ 1,311,811.00	3
Preliminary FY 2015	\$ 737,608.00	7	\$ 2,868,241.00	23	\$ 414,199.00	7

This spreadsheet shows multiple years of proposal submissions across SPIA, IPG and the MI.

- The first section shows totals based on the % credit claimed by PI's in each unit on proposals. (This is the historical number reported to CAUS to reflect our activity.)

- The second section shows the totals attributed to PI's within the org codes, across proposals submitted by other colleges.

- The last reflects the total numbers of proposals where SPIA, IPG or MI were the lead and submitted as the prime organization.

There are three supplemental spreadsheets available to support these figures.

Research Overview

Proposals and LOIs Submitted

Arlington County. PI: Susan Sterett. Proposal: Arlington County Metrics. Submitted: 01/16/2015\$25,000. AWARDED.

Carnegie Mellon University (Sub to EPA). PI: Steve Hankey. Proposal: Center for Innovative Air, Climate, and Energy Solutions (CIACES). Submitted 08/27/2014. \$278,629.00. AWARDED.

Center for Disease Control (CDC). PI Adam Eckerd. Proposal: CDC Faculty Assignment. Submitted 07/09/2015. \$14,310. AWARDED.

Center for Retirement Research. PI: Giselle Datz. Proposal: Pension Funds' Investments and Capital Market Development in Latin America. Submitted: 01/28/2015. \$41,717.

City of Alexandria. PI: Joe Schilling. Proposal: Eco City II. Submitted: 01/16/2015. \$20,000. AWARDED.

Department of Homeland Security (DHS). PI: Christopher Barrett with SPIA researchers Ralph Hall. Proposal: Center for Contextualized, Cascading Resilience (C2R). Submitted: 09/17/2014. \$19,984,457. DECLINED.

D.C. Department of Transportation (through Howard University). PI: Kathleen Hancock with SPIA researcher Ralph Buehler. DDOT Transportation Research and Program Management. Submitted 01/29/2015. \$8.00.

D.C. Department of Transportation (through Catholic University). DDOT Transportation Research and Program Management. PI: Pamela Murray-Tuite with SPIA researcher Ralph Buehler. DDOT Transportation Research and Program Management. Submitted 01/29/2015. \$8.00.

Environmental Protection Agency. PI: Joe Schilling. Proposal: The Brownfields Redevelopment Community Benefits Calculator. Submitted: 09/16/2014. \$996,847. AWARDED.

Fehr and Peers. PI: Ralph Buehler and Steve Hankey. Proposal: Arlington County Transport Study. Submitted: 12/17/2014. \$20,000.

German Marshall Fund. PI Joe Schilling. Proposal: Strong Cities, Strong Communities (SC2) extension. To continue the SC2 project through the spring and host the [get title and website from joe]. Submitted 05/08/2014. AWARDED.

James City Council. PI: Andrew McCoy with SPIA researcher Charles T. Koebel. James City County Housing Study. Submitted: 03/10/2015. \$88,761.00.

Kauffmann Foundation. PI: Susan Sterett. Contextual Modeling of Entrepreneurial Ecosystem. Submitted: 05/19/2015. \$120,610.

National Science Foundation. PI: Thomas Staley with SPIA Researcher Sara Jordan. Proposal: CCE-STEM. Submitted: 03/11/2015. \$ 599,990.00

National Science Foundation. PI: Adrian Rodriguez-Marek with SPIA researcher Yang Zhang. Proposal: IRES: US-Chile Collaborative Research on Urban Seismic Risk. Submitted: 08/18/2014 \$150,000. [Presumed declined.]

National Science Foundation. PI: Pamela Murray-Tuite with SPIA researcher Kris Wernstedt. Proposal: Redefining Transportation System Resilience through the Incorporation of Traveler Adaptation. Submitted: 09/06/2014. \$488,621

National Science Foundation. PI: Jennifer Irish with Yang Zhang. Proposal: Hazards SEES: A transdisciplinary, stakeholder/data-driven model for coastal disaster mitigation and recovery. Submitted: 11/07/2014. \$2,997,877.00

National Science Foundation. PI: Adam Eckerd. Proposal: Living Preferences, Population Movements and Urban Neighborhood Change. Submitted: 11/21/2014. \$243,621.00 DECLINED.

National Science Foundation . PI: Madhav Marathe with SPIA researchers Maggie Cowell. Proposal: Hazards SEES: Bridging the Gap Between Urban Resilience and Societal Context : An Adaptive Multi-Hazard Approach. Submitted: 11/21/2014. \$2,711,480.00

National Science Foundation. PI: Jesus de la Garza with SPIA researcher Anne Khademian. Proposal: Predicting Inter-dependent Infrastructure Resilience under Intrusions and Interventions: Regional Systems and Governance Approach. Submitted: 01/30/2015. \$463,735.00.

National Science Foundation. PI: Saifur Rahman with Anne Khademian. Proposal: A Resilient Interdependent Critical Infrastructure Development and Assessment Model. Submitted: 03/18/2015. \$1,992,027.

National Science Foundation. PI: Kevin Heaslip with SPIA researchers Maggie Cowell and Yang Zhang. Proposal: NRT - IGE Track: Use of Near Real Time and Archived Data to Enhance Graduate Education. Submitted: 04/14/2015. \$491,046.

Next Step, Fahe, & Corporation for Enterprise Development. PI: Melissa Jones with Ted Koeble. Proposal: Need for Mobile Home Replacement in Central Appalachia. Submitted: 05/13/2015. \$31,248.

Taylor and Francis. PI: Thomas Sanchez. Proposal: Housing Policy Debate. Submitted: 03/23/2015. \$41,208. AWARDED.

University of Michigan (Sub to NASA). PI Craig Woolsey with SPIA researcher Patrick Roberts. Proposal: Support for Safer Flight through Feedback-driven FAR Optimization and Adaptation. Submitted: 08/15/2014 \$445,228.00.

Wean Foundation. PI Joe Schilling. Proposal: Youngstown Code Enforcement Project. Submitted 07/21/2014. \$97351.00. AWARDED.

Youngstown Foundation. PI Joe Schilling. Proposal: Youngstown Code Enforcement Project. Submitted 07/21/2014. \$97351.00. AWARDED.

Outreach and Engagement

outreach & engagement

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

cess. 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

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.

In 2014-2015, SPIA convened the SPIA Diversity Task Force charged with developing and proposing a framework for SPIA to strengthen our efforts to recruit and retain a diverse student body for the undergraduate and graduate programs, enhance diversity and inclusion in our curriculum, and develop a signature program or event singularly dedicated

to developing a more representative School. The Task Force was comprised of 12 faculty, staff and students across all locations. The report of the Diversity Task Force was disseminated in early FY 15-16 and will be the foundation for next steps, and the formation of a permanent SPIA committee on diversity and inclusion.

Matt Dull was recognized for excellence in Diversity based upon his outstanding and ongoing work to develop the Samuel Tucker Walk in Alexandria, a partnership with the African American Museum in Alexandria in recognition of the life and contributions of the civil rights legend Samuel Tucker.

Bits and Pieces

bits and pieces

CPAP Ph.D. alumnus *Jeffrey Stern* has been selected as the Graduate Student Speaker for the National Capital Region Commencement on Sunday, May 17. Stern was appointed state coordinator for the Virginia Department of Emergency Management in May 2014. He previously served in leadership positions in emergency management, public safety, and homeland security in local and federal government, the private sector, and academia. His dissertation was titled, "Speeding into Action: The Influence of Paramilitary Culture on Disaster Response Organizations in the 2010 Haiti Earthquake."

Washington Semester: The 2015 Washington Semester (WS) program hosted an orientation session in Alexandria and Blacksburg on Friday, April 17, for this year's participants and their families. Undergraduates from a variety of majors will spend the summer learning about policy-making and completing internships with agencies and nonprofits in the greater D.C. area.

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**



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

**David
Bieri**



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

**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**





**Margaret
Cowell**

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.



**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.

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

Steve Hankey



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

Sonia Hirt



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

Karen Hult



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



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



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





**Paul
Knox**

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



**Robin
Lemaire**

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



**Timothy
Luke**

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



**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.

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

*Joseph
Rees*



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

*Patrick
Roberts*



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*



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.

*Gerard
Toal*





**Kris
Wernstedt**

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



**Diane
Zahm**

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



**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

Hatfield Scholar Award

Mark O. Hatfield School of Government
Portland State University
October 2014

**Brian
Cook**



**Adam
Eckerd**

Excellence in Outreach Award

College of Architecture and
Urban Studies
Virginia Tech
Spring 2015



Sonia Hirt

Best Dissertation Advisor

Virginia Tech
Spring 2015

Best Book Award- Honorable Mention

Urban Affairs Association
April 2015

Career Achievement Award

College of Architecture and
Urban Studies
Virginia Tech
Spring 2015



Ted Koebel

Best Poster Award

Democratizing Technologies Conference
November 2014

**Patrick
Roberts**



Diversity Recognition Award

College of Architecture and Urban Studies
Virginia Tech
Spring 2015



**Matthew
Dull**

Certificate of Appreciation

Transportation Research Board
of the National Academies
January 2015



Ralph Hall

Excellence in Graduate Student Advising

College of Liberal Arts and Human Sciences
Virginia Tech
April 2015



Karen Hult

Top Reviewer

Public-Nonprofit Section
Academy of Management
August, 2015

Charles A. McCoy Career Achievement Award

American Political Science Association
August 2014



**Timothy
Luke**

University Certificate for Teaching Excellence

Virginia Tech
April 2015



**Yang
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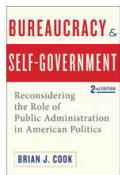


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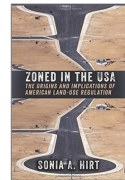
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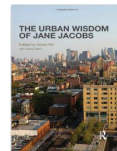
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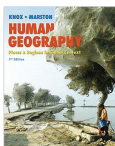


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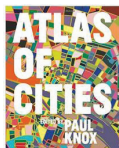
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Anne Khademian

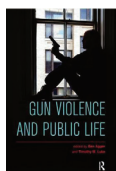
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Ahram, A. and F. Wehrey. (2014). *The National Guard in Iraq: A Risky Strategy to Combat the Islamic State*. Carnegie Endowment for International Peace. <http://carnegieendowment.org/2014/09/23/national-guard-in-iraq-risky-strategy-to-combat-islamic-state/hppn>

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David Bieri

Bieri, D. S. and C. M. Kayanan. (2014). In R. Lamore (ed.), *Improving TIF Transparency and Accountability: Towards a Consolidated View of TIF Activities in Michigan*. MSU-EDA University Center for Regional Economic Innovation. <http://ssrn.com/abstract=2476143>

Ralph Buehler

Buehler, R. and J. Pucher. (2015). Reprint of English language article in Portuguese, *Bicicleta Irresistível* (1st ed., vol. 7, pp. 60-71). Belo Horizonte: Piseagrama.

Buehler, R. and A. Hamre. (2014). "Bike-Transit Integration," *Encyclopedia of Transportation Social Science and Policy*. SAGE References.

Buehler, R. (2014). "Ridership of Public Transportation," *Encyclopedia of Transportation Social Science and Policy*. SAGE References.

Giselle Datz

Datz, G. (2015). "Brazil over Troubled Waters: Corruption, Economic Decline, and Distrust Mark the End of 2014 in Brazil." Sheffield Political Economy Research Institute - SPERI Comment blog. <http://speri.dept.shef.ac.uk/2015/01/08/brazil-troubled-waters/>

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Ralph Hall

Hall, R. P., J. Davis, E. Van Houweling, E. Vance, M. Carzolio, M. Seiss, M., and K. Russell. (2014). *Impact Evaluation of the Mozambique Rural Water Supply Activity Under a Cooperative Agreement between MCC and Stanford University* (pp. 120). Virginia Tech, Blacksburg.

other publications

Hall, R. P., H. Gudmundsson, G. Marsden, and J. Zietsman. (2014). *Sustainable Transportation*. SAGE Publications.

Hall, R. P., (2014). "Experience VT" Through Glass (2014). Video: <https://youtu.be/1oKpgDsfr78>

Hall, R. P., (2014). *Conversation with Prof. Sudhir Misra about the IITK-VT Partnership*. Video: <https://youtu.be/Alez2kNUKEU>

Sonia Hirt

Hirt, S. (In press). *Review of Brigitte Le Normand's Designing Tito's Capital: Urban Planning: Modernism, and Socialism in Belgrade*. Canadian Slavonic Papers/Revue canadienne des slavistes.

Hirt, S. (In press). *Review of Dirk Schubert's (ed.) Contemporary Perspectives on Jane Jacobs: Reassessing the Impacts of an Urban Visionary*. *Journal of Planning Education and Research*.

Hirt, S. (2014). *Review of Jon Norman's Small Cities USA: Growth, Diversity and Inequality* (vol. 38, 6, pp. 2331-2332). *International Journal of Urban and Regional Research*.

Hirt, S. (2014). *Q&A with Sonia Hirt, Co-Editor of 'The Urban Wisdom of Jane Jacobs'*. London: Routledge.

Hirt, S. (2015). "Planning during Post-socialism," in *International Encyclopedia of Social and Behavioral Sciences*, 2(18): pp. 187-192). London and Oxford: Elsevier.

Hirt, S. (2015). *The Page 99 Test: Sonia A. Hirt's 'Zoned in the USA'*. Campaign for the American Reader.

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Karen Hult

Hult, K. and C. Walcott. (2014). *A (Fiery, Smoky) Night to Remember*, 1(37): pp. 14-15. PEP Report. community.apsanet.org/pep

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Shalini Misra

Misra, S. (In press). Review of the book by J. P. Das. (2014), *Consciousness Quest: Where East Meets West*. *Journal of Entrepreneurship*/Sage Publications.

Robin Lemaire

Lemaire, R. (In press). "Reconsidering Classic Foundations," *Journal of Public Administration Research and Theory*.

Patrick Roberts

Roberts, P. (In press). "Retroview: Martha Derthick: Modern Day Anti-Federalist," *The American Interest*, 2015(June/July).

Roberts, P. (2014). "The Ebola Crisis as a Crisis of Public Trust," *The American Interest*, 2014(October). www.the-american-interest.com/2014/10/15/the-ebola-crisis-as-a-crisis-of-public-trust/

Max Stephenson

Stephenson, M. (2014). Review of *Peace building, Power and Politics in Africa* by Devon Curtis and Gwinyayi Dzinesa, 4(25): pp. 276-278 (August 2014)). Dordrecht: *Voluntas*/Springer Publishers.

other publications

Stephenson, M. *Soundings* (vol. 182). Blacksburg, VA: Virginia Tech. (soundings.spia.vt.edu).

Stephenson, M. *Tidings* (28). Blacksburg, VA: Virginia Tech. (tidings.spia.vt.edu/).

Stephenson, M. (ed.) Re: *Reflections and Explorations* (68). <https://blogs.lt.vt.edu/reflectionsandexplorations/>

Stephenson, M. (2014). Community Voices Research Series.

Gerard Toal

Toal, G. (2014). Review: *Geopolitical Culture, Ethnoschematization and Fantasy: On Seegel's Account of the Mapping of East Central European Lands*, 3(42): pp. 548-557. *Nationalities Papers*. <http://www.tandfonline.com/doi/abs/10.1080/00905992.2014.889668?journalCode=cnap20>

Toal, G. (In press). "Author Response: On the critical becoming classic. [Response to author's reading Critical Geopolitics as a 'classic' in contemporary human Geography]," vol. 39. *Progress in Human Geography*.

Presentations

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Ariel Ahram

Ahram, A. and G. Datz. (2014). Annual Conference, American Political Science Association, American Political Science Association, Washington DC, "Swimming with Black Swans: the Role of Outliers in Theory Development." (August 20).

David Bieri

Bieri, D. S. (2015). AAG Annual Meetings, Association of the American Geographers, Chicago, IL, "Hamlet without the Prince? Economic Geographies of Money and Finance without Monetary Theory." (April 24).

Bieri, D. S. (2015). SOS Annual Meeting, Society of Socio-Economics, Washington, DC, "The Treatment of Money in Regional Economics." Invited. (January 5).

Bieri, D. S. and P. V. Schaeffer. (Co-presenter) (2014). RSAI Annual Meetings, North American Regional Science International, Washington, DC, "The Treatment of Money in Regional Science Revisited." (November 12).

Bieri, D. S. (2014). Ridenour Faculty Fellowship Conference, School of Public and International Affairs, Virginia Tech, Arlington, VA, "Conceptualizing Financial Resilience." Invited. (October 24).

Bieri, D. S. (2014). International Post Keynesian Conference, University of Missouri, Kansas City, MO, "The Non-Neutrality of Money and its Spatial Consequences." (September 23).

Bieri, D. S. (2015. Panel). AAG Annual Meetings, Association of American Geographers, Chicago, IL, "Can the Concept of Resilience

be Saved?" Invited. (April 21).

Bieri, D. S. (2015. Keynote). GFURR Seminar, Global Forum on Urban and Regional Resilience, Blacksburg, VA, "The Inherent Hierarchy of Money and its Relationship to the Urban System." Invited. (March 26).

Bieri, D. S. (2014. Keynote). University of Michigan, Ann Arbor, MI, "Retheorizing the Urbanization of Capital: 200 Years of Evidence from Detroit." Invited. (October 10).

Ralph Buehler

Buehler, R. and A. Hamre. (2014). Annual Meeting Association of Collegiate Schools of Planning, Association of Collegiate Schools of Planning, Philadelphia, PA, "A Multimodal Majority? Driving, Cycling, Walking, and Public Transport Use Among American Adults." (November).

Buehler, R. and A. Hamre. (2014). Annual Meeting Association of Collegiate Schools of Planning, Association of Collegiate Schools of Planning, Philadelphia, PA, "Commuter Mode Choice and Free Car Parking, Public Transportation Benefits, Showers/Lockers, and Bike Parking at Work: Evidence from the Washington, DC Region." (November).

Buehler, R., T. Kuhnimhof, and A. Bauman. (2015). ACSM TRB Conference: Moving Active Travel to Higher Ground, Transportation Research Board, Washington, DC, "Assessing Physical Activity from Active Travel using Panel Data." (April).

Buehler, R. and A. Hamre (Co-presenter). (2015). 94th Transportation Research Board Annual Meeting, Transportation Research

presentations

Board, Washington, DC, “Business and Bikeshare User Perceptions of the Economic Benefits of Capital Bikeshare.” (January).

Buehler, R. and A. Hamre (Co-presenter, Poster). (2015). 94th Transportation Research Board Annual Meeting, Transportation Research Board, Washington, DC, “Using NHTS 2001 and 2009 to Analyze Intrapersonal Variability in Travel Behavior.” (January).

Buehler, R. (2014. Workshop). Development, and Forme Urbaine: Washington et Paris, University of Maryland, Washington, DC, “Comments and Thoughts on Bikeshare and Public Transport.” Invited. (December).

Buehler, R. and J. Pucher. (2014. Workshop). Transforming Urban Transport, Harvard University, Boston, MA, “Sustainable Transport in Large European Cities.” Invited. (October).

Buehler, R. and J. Stowe. (2014. Workshop). Workshop on Growth and Equity, American University, Washington, DC. Invited. (October).

Buehler, R. (2015. Keynote). Comparing Apples and Oranges? A Colloquium on International Comparative Urban Research, University of Stuttgart/German Federal Ministry of Transport, Stuttgart, Germany (participated remotely), “Lessons from 10 Years of Comparative Research in Transport Policy and Travel Behavior in North America and Western Europe.” Invited. (January).

Buehler, R. (2015. Keynote). Bloustein School, Rutgers University, “Making Urban Transport Sustainable: International Comparison and Lessons for the USA.” Invited. (January).

Buehler, R. (2014. Keynote). Johns Hopkins University, Washington, DC, “Making Urban

Transport Sustainable.” Invited. (October).

Brian Cook

Cook, B. and D. Stoneking (Presenter). (2015). ASPA National Conference, American Society for Public Administration, Chicago, IL, “Transparency and Secrecy in Environmental Protection: A Comparative Analysis of the Design of Agent Discretion in the Trade Secret Provisions of State Hydraulic Fracturing Regulation.” (March 7).

Cook, B. (2014. Keynote). Hatfield Scholar Award Luncheon, Mark O. Hatfield School of Government, Portland State University, Portland, OR, “Thinking Constitutionally About Public Administration.” Invited. (November 20).

Maggie Cowell

Zhang, Y., W. Drake, W., Y. Li, C. Zobel, and M. Cowell. (In press). Fostering Community Resilience through Adaptive Learning in a Social Media Age: Municipal Twitter Use in New Jersey following Hurricane Sandy.

Cowell, M. (Author Only). (2015). Urban Affairs Association, Miami, FL, “Resilience and Mimetic Behavior: Economic Visions in the Great Recession.” (April 10).

Cowell, M. (Author Only). (2014). Association of Collegiate Schools of Planning, ACSP, Philadelphia, “Homogenized Diversity: Economic Visions in the Great Recession.” (November 1).

Cowell, M. (2014. Panel). Ridenour Faculty Fellowship Conference (RFFC) on Resilience, Virginia Tech, Arlington, VA, “Research Frontiers of Disaster Resilience: Adaptive Learning and Social Media.” (October 23).

Cowell, M. (Author Only). (2014. Panel). Workshop on Building Resilient Cities, Global Forum on Urban and Regional Resilience (VT), Arlington, VA, "Economic Restructuring and the Art of Adaptive Resilience." Invited. (May 15).

Cowell, M. (Presenter) and H. Mayer, H. (Author Only). (2014). Capital Dilemma, Woodrow Wilson Center, American University, Washington, DC, "Anchoring a Federal Agency in Washington DC Community: The Department of Homeland Security and St. Elizabeths." Invited. (October 5).

Giselle Datz

Datz, G. (2014). Annual Conference of the American Political Science Association, Washington, DC, "Beyond Welfare: Pension Funds and Capital Market Development in Latin America." (August).

Datz, G. (2014. Keynote), Núcleo de Estudos em Mercados e Investimentos (Center for the Study of Markets and Investments) at FGV Law School, São Paulo, São Paulo, Brazil, "Fundos de Pensão e Mercados de Capitais no Brasil (Pension Funds and Capital Markets in Brazil)." Invited. (August).

Ahram, A. and G. Datz, G. (2014). Annual Conference, American Political Science Association, American Political Science Association, Washington DC, "Swimming with Black Swans: the Role of Outliers in Theory Development." (August 20).

Datz, G. (2014). Latin American Studies Association, Chicago, "Pensions and Capital Market Development in Latin America: Unfulfilled Promise, Unrealistic Goal, and Unconventional Paths." (May).

Datz, G. (2014. Panel), Annual Conference, Pensions and Capital Stewardship Project, Harvard Law School, Boston, MA, "Long-term Investment in Developing Countries: An Oxymoron? Case Study – Brazil." Invited. (May 7).

Datz, G. (2015). Foreign Area Officer (FAO) Program for Latin America of the Naval Postgraduate School, Arlington, VA, "Brazil: Rise, Resilience, Relapse." Invited. (March).

Datz, G. (2014). Ridenour Faculty Fellowship Conference, School of Public and International Affairs, SPIA, Washington, DC, "Financial Resilience in Emerging Markets." Invited. (October).

Matt Dull

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

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

Adam Eckerd

Eckerd, A. (Presenter), M. Cowell (Co-presenter), and H. Smart (Co-presenter). (2015). Metropolitan Institute Research

presentations

in Progress Talk, Metropolitan Institute, Alexandria, VA, "A Vino, Bellum: The clash of state policy, local interests, and the commodification of rural America in Virginia Wine Count." Invited. (March 4).

Eckerd, A. (Presenter), L. Bulka (Co-presenter), and A. Desai (Co-presenter). (2015). Metropolitan Institute Research in Progress Talk, Metropolitan Institute, Alexandria, VA, "Big Data and the Abductive Turn in Policy Analysis." Invited. (February 3).

Eckerd, A., H. Campbell, and Y. Kim. (2014). Association for Public Policy Analysis and Management Conference, Albuquerque, NM, "Residential Mobility and Environmental Justice: Insights from Agent-Based Model Analysis." (November 8).

Eckerd, A. (2014. Panel). National Association of Schools of Public Affairs and Administration Conference, Albuquerque, NM, "MPA Capstone Projects for the 21st Century." (November 6).

Ralph Hall

Hall, R. P. and N. A. Ashford (Co-presenter). (2015). Society of Socio-Economists, Annual Meeting, Society of Socio-Economists and the School of Public and International Affairs, Washington, D.C., "Connecting and Integrating Strategies for an Economic Transformation." Invited. (January 6).

Hall, R. P. (2014). School of Public and International Affairs (SPIA) conference on Resilience, Arlington, VA, "Conceptualizing Resilience to Guide Research on Critical and Sustainable Infrastructure Systems." Invited. (October 24).

Hall, R. P. (2014). International Initiative for Impact Evaluation (3ie), Manila, Philippines, "Impact Evaluation of the MCC-Funded Rural Water Supply Program in Nampula, Mozambique." (September 4).

Hall, R. P. (2014). Sustainable and Resilient Infrastructure Workshop, New York, "Teaching Sustainable Development/Transportation in Institutions of Higher Education." Invited. (June 18).

Hall, R. P. (2014). International E-Discussion on Multiple Use Services (MUS). Rural Water Supply Network (RWSN). Invited. (May 22). (<https://dgroups.org/RWSN/selfsupply/mus>).

Hall, R. (2014. Workshop), International Initiative for Impact Evaluation (3ie), Manila, Philippines, "WASH Impact Evaluations: Design Clinic." Invited. (September 3).

Steve Hankey

Hankey, S. (Poster, Presenter) and J. D. Marshall. (2015). Transportation Research Board, Transportation Research Board, Washington, DC, "Exposure to Particulate Air Pollution While Cycling." (January 13).

Hankey, S. (Poster, Author Only), K. Sullivan, A. Kinnick, A. Koskey, K. Grande, J. H. Davidson, and J. D. Marshall. (2014). International Society of Environmental Epidemiology, International Society of Environmental Epidemiology, Seattle, WA, "Using objective measures of stove use and indoor air quality to evaluate a cookstove intervention in rural Uganda." (August 26).

Kohl, H. W., S. Hankey (Author Only), S. Kahlmeier, and T. Boehmer. (2015). Moving Active Transportation to Higher Ground,

ACSM-TRB, Washington, DC, "Physical Activity and Air Quality: A Transdisciplinary Research Opportunity." (April 13).

Hankey, S. (Presenter) and G. Lindsey. (2014). Association of Collegiate Schools of Planning, Association of Collegiate Schools of Planning, Philadelphia, PA, "Describing spatial patterns of non-motorized traffic." (October 30).

Boehmer, T., S. Hankey (Author Only), S. Stone, and R. Greenwald. (2014). International Society of Environmental Epidemiology, International Society of Environmental Epidemiology, Seattle, WA, "Air pollution and physical activity: What we need to know to inform public health decision making." (August 27).

Hankey, S. (Author Only), G. Lindsey, and J. D. Marshall. (2014). International Society of Environmental Epidemiology, International Society of Environmental Epidemiology, "Modeling spatial patterns of bicycle and pedestrian traffic to estimate exposure to hazards." (August 25).

Sonia Hirt

Hirt, S. (2015). Annual Conference of the Urban Affairs Association, Urban Affairs Association, Miami, FL, "The Rules of Residential Segregation: US Housing Taxonomies and Their Precedents." Invited. (April).

Hirt, S. (2014). Annual Conference of the Association of Collegiate Schools of Planning, Association of Collegiate Schools of Planning, Philadelphia, "Home, Sweet Home: American Residential Zoning in Comparative Perspective." (November 2014).

Hirt, S. (2014. Keynote). A. Taubman Lecture Series, University of Michigan, Ann Arbor,

MI, "Landscapes of Postmodernity: Changes in the Fabric of Central-East European Cities since 1990." Invited. (November).

Hirt, S. (2014. Keynote), Advance VT Leadership Lunch Series for Women Faculty: The Fulbright Experience, Advance VT, Blacksburg, VA, "The Fulbright Experience." Invited. (October).

Karen Hult

Hult, K. (2015). Southern Political Science Association annual meeting, "Executive Appointments and Management," SPSA, New Orleans, LA. (January 17).

Hult, K. (Author Only), C. E. Walcott (Presenter), and D. Cohen (Author Only). (2014). "Overseeing the "care and Feeding" of the President: The Office of Chief of Staff in the George W. Bush White House," American Political Science Association, APSA, annual meeting. Washington, D.C. (August).

Hult, K. (Presenter). (2014). "Organizational Governanced and Politics: Reinvigorating Ties between Organization Theory and Political Science," Midwest Political Science Association, MPSA, annual meeting, Chicago, IL. (April 2).

Hult, K. (Chair). (2014). "Executive Performance in Public Agencies," Midwest Political Science Association, annual meeting, Chicago, IL. Invited. (April 6).

Hult, K. (Discussant). (2014). Midwest Political Science Association, annual meeting, "Distributive Politics and Presidential Power"," Chicago, IL. Invited. (April 6).

Hult, K. (2014). "Presidential Unilateralism and the Administrative Presidency in the Obama Administration," Southern Political

presentations

Science Association, SPSA, annual meeting, Orlando. Invited. (January).

Hult, K. (2014). Panelist). Southern Political Science Association, annual meeting, New Orleans, LA. Invited. (January 9).

Laura Jensen

Jensen, L. (2014). 10th Transatlantic Dialogue, European Group for Public Administration & American Society for Public Administration, Lugano, Switzerland, "The Twentieth-Century Administrative State and Networked Governance." Invited. (June 5).

Sara Jordan

Jordan, S. (2015). Society of Socio Economists, SOS, Washington, DC, "Changing Courage for Prudence in Theories of Political Control of the Bureaucracy: A Contribution to a Socio-Economic Paradigm in Economic Studies of Public Policy and Administration." (January).

Anne Khademian

Khademian, A., S. Raman, A. Eckerd, L. Bulka, and A. Morris. (2014). Global Forum on Urban and Regional Resilience, Arlington, VA, "Living Lab and Urban Resilience." Invited. (October).

Paul Knox

Knox, P. "Resilience" "The Architect: Time to Change" Saint-Gobain Group Union of Architects of Russia and Russian Academy of Architecture and Construction Sciences, St Petersburg, Russia. Invited. (via video link)

Oner, C., P. Knox, and C. Gunduz, "Social Resilience in Aegean Cities," Association of

Collegiate Schools of Planning Annual Conference, Philadelphia.

Robin Lemaire

Lemaire, R., 10th Transatlantic Dialogue, Lugano, Switzerland, "The Functions of the Network Executives: A Qualitative Analysis of Whole Goal-directed Network Management and Leadership."

Tim Luke

Luke, T. (2014). "Stunted Growths: Collaborative Conservation, Sponsored Survival, and the Neoliberal Pretenses of Preservation in Botanical Gardens," Leaders in Conservation: Botanical Gardens and Biodiversity in the 21st Century, Concordia University, Montreal, Quebec. (October 23).

Luke, T. (2014). "Actually Existing Sustainability: Developing, Designing, Deploying Global Inequalities," 2014 ASPECT Graduate Conference, ASPECT Ph.D. Program, Virginia Polytechnic Institute & State University. (March 21).

Luke, T. (2014). "Urbanism as Cyborganicity: Tracking the Materialities of the Anthropocene," Graduate School of Design, Harvard University. (February 7).

Luke, T. (2014). "Freedom in the Anthropocene," Freedom in the Anthropocene, The Platypus Affiliated Society and the College of Sustainability, Dalhousie University. (January 30).

Luke, T. (2014). "Caught Between Vulgar and Effete Realists: Classical Realism and Critical Theory in Statecraft and International Relations," University of Ottawa, University of Ottawa. (June 20).

Luke, T. (2014). *Desire and Design: The Low Carbon Self*, "Caring for the Low Carbon Self: The Government of Self and Others in the World as a Gas Greenhouse," Lund University, Lund University. (May 21).

Luke, T. (2014). Western Political Science Association annual meeting, "The Methods Café; Visual Culture: The Politics of Memorials and Museums," Seattle, WA. (April 18).

Luke, T. (2014). Western Political Science Association annual meeting, "Visual Culture: The Politics of Memorials and Museums," Western Political Science Association, Seattle, WA. (April 18).

Luke, T. (2014). 2014 TELOS Conference, "Displacing, Dissipating, Deliberating Democracy: The Impoverishment of Popular Rule Under Progressivism," TELOS, Deutsches Haus, New York. (February 15).

Luke, T. (2014). Inaugural Sydney Taylor Memorial Lecture, "Working to Attain More Than 'Actually Existing Sustainability,'" Acadia Political Science Students Association and Environmental Sustainability Studies Program, Acadia University. (January 28).

Shalini Misra

Misra, S. (2014). Chair of a panel on "Societal Implications of Digital Technologies." 2014 American Psychological Association Convention, Washington, D.C. (August 7-10).

Misra, S. (2014). "The iPhone effect: In-person social interactions in hybrid third places." 2014 Association of Collegiate Schools of Planning Annual Convention, Philadelphia, PA. (October 30-November 2).

Misra, S. (2015. Keynote). "The Ecology of Team Science: Contextual Influences on

Interdisciplinary Collaboration." Managing Team Science Workshop, Metropolitan Institute, Virginia Tech. (January 27).

Misra, S. (2015). "Transdisciplinary Orientation and its Relation to the Quality of Scientific Products." NIH Science of Team Science Conference, Bethesda, MD. (June 2-5).

Trish Nickel

Nickel, P. (2014). "Haute Philanthropy: Luxury, Benevolence, and Value." Global Culture and Creativity: From Design to Innovation and Enterprise? Winchester School of Art, Winchester, UK. (November 6-7).

Nickel, P. (2014. Keynote). "North American Critical Theory after Postmodernism." Sociology Seminar Series, University of Portsmouth, Portsmouth, England. (November 10).

Joel Peters

Peters, J. (Presenter). (2014. Workshop). The EU and the MENA Region, University of Warwick, Brussels, "The MENA Region: The view from Washington." Invited. (November 17).

Peters, J. (Participant). (2015. Workshop). "Leveraging Incentives in Pursuit of Israeli-Palestinian Peace," organized by Mitvim and the United States Institute for Peace, Washington D.C. (March 25).

Peters, J. (Participant). (2015. Workshop). "Israeli-Turkish Relations Mitvim – GPoT Center Policy Dialogue," organized by Mitvim –The Israeli Institute for Regional Foreign Policies, Washington D.C. (March 23).

presentations

Joe Rees

Rees, J. Law@Society Association Annual Meeting, Honolulu Hawaii, “Fukushima And Nuclear Safety Regulation”, Invited.

Rees, J. (Presenter). Sho Sato Workshop, Japan Foundation, UC Berkeley.

Patrick Roberts

Roberts, P. (Author Only) and J. Minnis-McClain (Presenter). (2015). Midwest Political Science Association, MPSA, Chicago, IL, “Dread Risk versus Reality: How the Divergent Fortunes of the Commercial Aviation Nuclear Industries Can Inform New Technology Industries.” (April 17).

Wernstedt, K., P. Roberts, J. Arvai, and K. Redmond. (2014). ACSP, Philadelphia, PA, “Planning and Uncertainty: Disaster Planning and Emergency Management Under Climate Variability.” (November).

Wernstedt, K., P. Roberts, J. Arvai, and K. Redmond. (2014). Simposio de la Asociación Internacional de Planificación Urbana y Ambiente, La Plata, Argentina, “Disaster Planning and Emergency Management Under Uncertain Information.” (September).

Roberts, P. (2014). The Global History of the IAEA Workshop, Carnegie Corporation of New York, Stanford University, and University of Vienna, Vienna, Austria, “The IAEA’s Transformation From Auditor to Inspector: A Reputational Approach to Understanding Bureaucratic Power.” (September 19).

Roberts, P. (2014). ISA World Congress, Sociolegal Studies and Disaster, July 15, 2014, ISA World Congress, Yokohama, Japan, “From Calvary to an Electronic Militia: Global Nuclear Disaster Response to the Fukushima Accident.” (July 15).

Roberts, P. (2015. Panel). Strategies for Finding Funding, DC Initiative, Alexandria, VA, “Strategies for Finding Funding.” (April 27).

Roberts, P. (2015. Panel). Midwest Political Science Association, MPSA, Chicago, IL, “Strategies for Finding Funding.” (April 18).

Roberts, P. (Presenter, Panel), and Y. Zhang (Author Only). (2015). World Water Forum, Daegu, Korea, “New Directions in Urban Flood Resilience Policies in the United States.” Invited. (April 14).

Roberts, P. (2015). University of Maryland School of Public Policy, College Park, MD, “Organizational Life Cycles and Innovation: Comparing IAEA and CTBTO Responses to Fukushima.” Invited. (April 28).

Roberts, P. (Presenter) and K. Wernstedt (Author Only). (2015). Opportunities in Crises: Technogoverning Sustainable Landscapes, University of Virginia, Charlottesville, VA, “Barriers to the Use of Climate Forecasts Across Emergency Management Networks.” (March 18).

Roberts, P. (2015). American Historical Association Annual Meeting, American Historical Association, “Disasters Fast and Slow.” (January 3).

Roberts, P. (2014. Poster). Democratizing Technologies: Assessing the Roles of NGOs in Shaping Technological Futures Conference, Center for Nanotechnology in Society at the University of California Santa Barbara, Santa Barbara, CA, “Organizational Life Cycles and Innovation: Comparing IAEA and CTBTO Responses to Fukushima.” (November 14).

Roberts, P. (2014. Poster). American Political Science Association Annual Meeting,

APSA, Washington, DC, “The Lessons of Civil Defense for Homeland Security Federalism.” (August 29).

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

Zhang, Y. (Presenter) and P. Roberts (Author Only). (2015). Woodrow Wilson Center, Washington D.C., “Interdisciplinary Disaster Resilience Research at Virginia Tech.” (February 25).

Roberts, P. (Presenter) and Y. Zhang (Author Only). (2015). Woodrow Wilson Center, Washington, DC, “Urban Resilience Policy for Water Resources in the United States.” Invited. (February 25).

Roberts, P. (Keynote, Author Only) and J. Minnis-McClain (Co-presenter). (2014). UAS Policy Working Group, ICTAS-ISCE, Blacksburg, VA, “Dread Risk vs. Reality: Lessons from the Aviation and Nuclear Industries for UAS.” Invited. (December 2).

Joyce Rothschild

Rothschild, J. (2014). Utopian Studies Society, Prague, CZ, “Towards a Co-operative Economy and Democracy 2.0.” (July 2).

Rothschild, J. (2015. Panel). Beyster Symposium on Workers’ Ownership and Workers’ Cooperatives, Rutgers University, New Brunswick, NJ, “What is Stirring Recent Development of Workers’ Cooperatives?” Invited. (January 11).

Tom Sanchez

Sanchez, T. (2015). Transportation Research Board Annual Meeting, National Academy of Science, Washington, DC, “Crowdsourcing Transport Information: Are We Getting Smarter?” Invited. (January).

Sanchez, T. (2015). Transportation Research Board Annual Meeting, National Academy of Science, Washington, DC, “Semantic Analysis of Transportation Research Board Research Topics.” Invited. (January).

Sanchez, T. (2014). Association of Collegiate Schools of Planning Annual Meeting, ACSP, Philadelphia, PA, “Mapping the Knowledge Domain of Planning.” (November).

Max Stephenson

Stephenson, M. (2015). “The Import of Neoliberalism for Efforts to Encourage Agency in Three Fields of Development Action.” Baltimore, MD: International Society for Third Sector Research. https://c.ymcdn.com/sites/istr.site-ym.com/resource/resmgr/WP2014/Stephenson_ISTR2014.pdf

Stephenson, M. (Co-presenter) and L. Zanotti (Co-presenter). (2015). International Studies Association, Same, New Orleans, LA, “Exploring the Nexus of Aesthetics, Agency and Peacebuilding.” (February 19).

Stephenson, M. (2014). International Society for Third Sector Research, Muenster, Germany, “A Comparative Analysis of Efforts to Encourage Participatory Possibility and Accountability in Three Fields of Development Action.” (July 24).

Stephenson, M. (Author Only) and L. Kirakosyan (Presenter). (2014). International

presentations

Congress on Qualitative Inquiry, Same, University of Illinois, Urban Champaign, "Arts-Based approaches and their implications for researchers in other fields." (May 22).

Susan Sterett

Sterett, S. (2015. Panel). Midwest Political Science Association annual meeting, MPSA, Chicago, IL, "Roundtable: Planning for Promotion to Full Professor." (April 17).

Sterett, S. (2014). Law in the Lighthouse, University of Turku, Finland, Turku, Finland, "Displacement and the Bureaucratic Production of Subjects." Invited. (October 15).

Gerard Toal

Toal, G. (2014). Grounding Theoretical Reflections in Politics: Ukraine as a Mirror of the Political", The New School For Social Research, Dept. of Politics, New York City, "On Overlapping Sovereignty & Legitimacy in De Facto States." Invited. (October 3).

Toal, G. (Co-presenter) and J. O'Loughlin (Co-presenter). (2014). Conference on Perceptions of Governance in De Facto and Partially Recognized States, University College London, London, "Governance in De Facto States: Evidence from Comparative Survey Research." Invited. (September 11).

Toal, G. (2015). ASN 2015, Association for the Study of Nationalities, New York, "Regionalism and National Identity in Eastern Ukraine." (April 24).

Toal, G. (2015. Keynote). Manchester, "Geopolitical Attitudes in Contested Ukraine: Comparing SE Ukraine and Crimea." Invited. (April 15).

Toal, G. (2015). Workshop. Survey Research in Ukraine, George Washington University, Washington DC, "Geopolitical Attitudes in Contested Ukraine." Invited. (January 21).

Kris Wernstedt

Wernstedt, K., P. Roberts, J. Arvai, and K. Redmond. (2014). ACSP, Philadelphia, PA, "Planning and Uncertainty: Disaster Planning and Emergency Management Under Climate Variability." (November).

Wernstedt, K., P. Roberts, J. Arvai, and K. Redmond, K. (2014). Simposio de la Asociación Internacional de Planificación Urbana y Ambiente, La Plata, Argentina, "Disaster Planning and Emergency Management Under Uncertain Information." (September).

Yang Zhang

Zhang, Y., W. Drake, Y. Li, C. Zobel, and M. Cowell. (2015. In press). Fostering Community Resilience through Adaptive Learning in a Social Media Age: Municipal Twitter Use in New Jersey following Hurricane Sandy. In Palen, Büscher, Comes and Hughes (eds.) Proceedings of the ISCRAM 2015 Conference, Kristiansand, Norway, (May).

Roberts, P. (Presenter) and Y. Zhang. (2015. Panel). "New Directions in Urban Flood Resilience Policies in the United States." The World Water Forum, Daegu, Korea. Invited. (April 14).

Zhang, Y. (2014. Panel). The George Washington University Sustainable Urban Planning Research Symposium, George Washington University, Washington D.C., "Climate Change: Do Cities Hold the Solution?" Invited. (October).

Zhang, Y. (2014. Panel). The 2014 Ridenour Faculty Fellowship Conference on Resilience, Arlington, VA, “Research Frontiers of Disaster Resilience: Adaptive Learning and Social Media.” Invited. (October 23).

Zhang, Y. (2014. Panel). New Perspective on Resilience: Normative Dimension of Resilience, The Global Forum on Urban and Regional Resilience, Arlington, VA, “Regional Resilience: Normative Frames and Narratives.” Invited. (October 13).

Zhang, Y. (2014. Panel). The 5th International Disaster and Risk Conference (IDRC), Davos, Switzerland, “Building Resilience after Disasters: Social Amplifications of Risk during Disaster Recovery.” Invited. (August 25).

Zhang, Y. (Presenter) and P. Roberts. (2015). Woodrow Wilson Center, Washington, DC, “Interdisciplinary Disaster Resilience Research at Virginia Tech.” Invited. (February 25).

Roberts, P. (Presenter) and Y. Zhang. (2015). Woodrow Wilson Center, Washington, DC, “Urban Resilience Policy for Water Resources in the United States.” Invited. (February 25).

Zhang, Y. (2014. Keynote). The George Washington University Sustainable Urban Planning Research Symposium, George Washington University, Washington D.C., “Climate Change: Do Cities Hold the Solution?” Invited. (October).

Zhang, Y. (2014. Keynote). The 5th International Disaster and Risk Conference (IDRC), Davos, Switzerland, “Building Resilience after Disasters: Social Amplifications of Risk during Disaster Recovery.” Invited. (August 25).

Funded Projects

funded projects

David Bieri

Improving Tax Increment Financing Transparency and Accountability
 Sponsor: U.S. Economic Development Administration, Michigan State University
 Amount: \$8,000.00
 (May 1, 2014 - September 30, 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
 with Andrea Hamre
 Sponsor: Mid Atlantic University Transportation Center
 Amount: \$38,500.00
 (August 2013 - June 2014)

Adam Eckerd

New Hampshire Patient Navigation - Agent-Based Modeling Project
 Adam Eckerd
 Sponsor: Centers for Disease Control
 Amount: \$140,000.00

Ralph Hall

Creating an International Program for Sustainable Infrastructure Development
 PI, with Michael Garvin (Co-PI)
 Sponsor: University Grants Commission, India
 Amount: \$476,442.00 (VT share \$61,576)
 (August 1, 2012 - July 31, 2015).

Blanket Purchase Agreement (BPA)
 PI, with Emily Van Houweling (Co-PI), Mike Bertelsen
 Sponsor: Millennium Challenge Corporation (MCC)
 (August 1, 2014 - Present)

funded projects

Steve Hankey

Designing a bicycle and pedestrian traffic count program to estimate performance measures on streets and sidewalks in Blacksburg, VA

PI, with Ralph Buehler (VT), Andrew Mondschein (UVa)

Sponsor: Mid Atlantic Transportation Sustainability University Transportation Center (MATS-UTC)

Amount: \$147,218.00

(January 1, 2015 - May 31, 2016)

Paul Knox

Major Collective Research Initiative (MCRI) "Global Suburbanisms: Governance, Land, and Infrastructure in the 21st Century"

Sponsor: Social Sciences and Humanities Research Council of Canada

Amount: \$5,000

(2013-15)

Tim Luke

Classical Realism Meets Critical Theory: Crisis, Modernity, and the Return of Humanity
(Co-Principal Investigator)

Sponsor: Leverhulme Trust

Amount: \$149,259.00

(January 1, 2013 - December 31, 2015)

Shalini Misra

BRIDGES: Building Resources through Integrating Disciplines for Group Effectiveness in Science
External Consultant

Sponsor: National Science Foundation

Amount: \$400,000.00

(2013-2015)

Patrick Roberts

Emergency Management in Rural America: Decision-Makers Use of Climate Science in Flood
Planning and Management

with Kris Wernstedt

Sponsor: National Science Foundation

Amount: \$399,597.00 (VT share \$192,209)

(September 1, 2011 - August 31, 2015)

funded projects

Building Urban Resilience: Flood and Climate Change Preparedness in U.S and Korean Cities
with Yang Zhang

Sponsor: Korean Research Institute for Human Settlements

Amount: \$12,000.00

(March 1, 2015 - Present)

Gerard Toal

Attitudes and beliefs in Russian-supported 'de facto' states and Eastern Ukraine in the wake of
the Crimean annexation

with John O'Loughlin

Sponsor: National Science Foundation

Amount: \$156,633.00

(May 15, 2014 - April 30, 2015)

Kris Wernstedt

Emergency Management in Rural America: Decision-Makers Use of Climate Science in Flood
Planning and Management.

with Patrick Roberts

Sponsor: National Science Foundation

Amount: \$399,597.00 (VT share \$192,209)

(September 1, 2011 - August 31, 2015)

Seasonal Climate Signals: Developing a Community of Practice in Emergency Management.
with Patrick Roberts

Sponsor: NOAA Sectoral Applications Research Program

Amount: \$96,071.00

(September 1, 2013 – August 1, 2015)

Yang Zhang

Building Urban Resilience: Flood and Climate Change Preparedness in U.S and Korean Cities

Patrick Roberts, Yang Zhang

Sponsor: Korean Research Institute for Human Settlements

Amount: \$12,000.00

(March 1, 2015 - Present)

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)

School of Public & International Affairs

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