Virginia Tech

School of Public & International Affairs

2014-2015

Report of Faculty Research & Scholarship

Contents

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      tenured & tenure-track

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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 conferences, 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-
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:
• **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-
nacionalize 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 NCR.

• 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
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 focused 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.
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

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>
<thead>
<tr>
<th>Undergraduate Academic Majors Fall 2014</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>72 Environmental Policy and Planning</td>
<td></td>
</tr>
<tr>
<td>39 Public and Urban Affairs</td>
<td></td>
</tr>
<tr>
<td><strong>111</strong> TOTAL Undergraduate Majors</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Academic Majors Fall 2014</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Master’s Degree Programs</strong></td>
</tr>
<tr>
<td>88 Public Administration</td>
</tr>
<tr>
<td>39 Public and International Affairs</td>
</tr>
<tr>
<td>68 Urban and Regional Planning</td>
</tr>
<tr>
<td><strong>195</strong> TOTAL Graduate/Master Degree Majors</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Doctoral Degree Programs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>75 Public Administration and Public Affairs</td>
</tr>
<tr>
<td>52 Planning, Governance, and Globalization</td>
</tr>
<tr>
<td><strong>127</strong> TOTAL Graduate/Doctorate Degree Majors</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Books</td>
<td>9</td>
<td>15</td>
<td>19</td>
<td>12</td>
</tr>
<tr>
<td>Book chapters</td>
<td>25</td>
<td>44</td>
<td>36</td>
<td>37</td>
</tr>
<tr>
<td>Articles</td>
<td>73</td>
<td>41</td>
<td>75</td>
<td>68</td>
</tr>
<tr>
<td>Other papers and reports</td>
<td>37</td>
<td>58</td>
<td>46</td>
<td>38</td>
</tr>
<tr>
<td>Presentations</td>
<td>100</td>
<td>109</td>
<td>137</td>
<td>137</td>
</tr>
</tbody>
</table>
| Journal editors and assoc editors | 5 editors/4 assoc editors
| Editorial Boards | 39   | 22   | 16   | 39        |
Table 3 SPIA Research Indicators, 2014

<table>
<thead>
<tr>
<th>Credit Org</th>
<th>SPIA</th>
<th># Proposals</th>
<th>IPG</th>
<th># Proposals</th>
<th>MI</th>
<th># Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2012</td>
<td>$1,773,369.00</td>
<td>11</td>
<td>$5,079,923.74</td>
<td>21</td>
<td>$974,474.60</td>
<td></td>
</tr>
<tr>
<td>FY 2013</td>
<td>$3,267,401.00</td>
<td>14</td>
<td>$4,900,202.18</td>
<td>14</td>
<td>$337,199.00</td>
<td></td>
</tr>
<tr>
<td>FY 2014</td>
<td>$5,387,927.00</td>
<td>9</td>
<td>$3,791,577.00</td>
<td>30</td>
<td>$1,071,769.00</td>
<td></td>
</tr>
</tbody>
</table>

Home Org

Proposals from PI’s housed in SPIA. This includes proposals where SPIA PI’s were on proposals submitted by other units.

<table>
<thead>
<tr>
<th>Home Org</th>
<th>SPIA</th>
<th># Proposals</th>
<th>IPG</th>
<th># Proposals</th>
<th>MI</th>
<th># Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2012</td>
<td>$4,726,619</td>
<td>19</td>
<td>$4,386,756.74</td>
<td>12</td>
<td>$775,994.00</td>
<td></td>
</tr>
<tr>
<td>FY 2013</td>
<td>$3,595,655.05</td>
<td>14</td>
<td>$4,476,726.08</td>
<td>18</td>
<td>$337,109.80</td>
<td></td>
</tr>
<tr>
<td>FY 2014</td>
<td>$5,134,078.77</td>
<td>14</td>
<td>$3,586,084.37</td>
<td>26</td>
<td>$1,071,793.00</td>
<td></td>
</tr>
<tr>
<td>Preliminary FY 2015</td>
<td>$4,452,688.00</td>
<td>9</td>
<td>$2,346,016.09</td>
<td>20</td>
<td>$227,872.00</td>
<td></td>
</tr>
</tbody>
</table>

Submitted Org

Proposals submitted with SPIA, IPG or MI as the submitting org. Proposals where these units were the prime.

<table>
<thead>
<tr>
<th>Submitted Org</th>
<th>SPIA</th>
<th># Proposals</th>
<th>IPG</th>
<th># Proposals</th>
<th>MI</th>
<th># Proposals</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY 2012</td>
<td>$1,132,195.00</td>
<td>11</td>
<td>$149,900.00</td>
<td>1</td>
<td>$1,616,367.00</td>
<td></td>
</tr>
<tr>
<td>FY 2013</td>
<td>$2,697,562.00</td>
<td>14</td>
<td>$3,432,462.00</td>
<td>13</td>
<td>$468,283.00</td>
<td></td>
</tr>
<tr>
<td>FY 2014</td>
<td>$673,106.00</td>
<td>3</td>
<td>$3,742,682.00</td>
<td>30</td>
<td>$1,311,811.00</td>
<td></td>
</tr>
<tr>
<td>Preliminary FY 2015</td>
<td>$737,608.00</td>
<td>7</td>
<td>$2,868,241.00</td>
<td>23</td>
<td>$414,199.00</td>
<td></td>
</tr>
</tbody>
</table>

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 totals based on the lead 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.


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


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

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.


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: 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.


**Outreach and Engagement**

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

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.
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.
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.

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.


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

Giselle Datz

Matthew Dull

Wilma Dunaway

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.


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.

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.

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.

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.

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.

Steve Hankey

Sonia Hirt

Karen Hult

Laura Jensen

Ted Koebel

Anne Khademian

school of public & international affairs - report 2014-2015
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

Joel Peters

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


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.

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.

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


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

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

Diversity Recognition Award
College of Architecture and Urban Studies
Virginia Tech
Spring 2015

Excellence in Outreach Award
College of Architecture and Urban Studies
Virginia Tech
Spring 2015

Certificate of Appreciation
Transportation Research Board
of the National Academies
January 2015

Best Dissertation Advisor
Virginia Tech
Spring 2015

Best Book Award-
Honorable Mention
Urban Affairs Association
April 2015

Excellence in Graduate Student Advising
College of Liberal Arts and Human Sciences
Virginia Tech
April 2015

Top Reviewer
Public-Nonprofit Section
Academy of Management
August, 2015

Career Achievement Award
College of Architecture and Urban Studies
Virginia Tech
Spring 2015

Charles A. McCoy Career Achievement Award
American Political Science Association
August 2014

Best Poster Award
Democratizing Technologies Conference
November 2014

University Certificate for Teaching Excellence
Virginia Tech
April 2015

Adam Eckerd

Sonia Hirt

Best Dissertation Advisor

Best Book Award-
Honorable Mention

Excellence in Graduate Student Advising

Career Achievement Award

Charles A. McCoy Career Achievement Award

University Certificate for Teaching Excellence

Brian Cook

Ralph Hall

Karen Hult

Charles A. McCoy Career Achievement Award

University Certificate for Teaching Excellence

Timothy Luke

Yang Zhang

Matthew Dull

Patrick Roberts

Ted Koebel

Matthew Dull
**Publications**

**books and monographs**

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**David Bieri**


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**Adam Eckerd**


---

**Brian Cook**


---

**Ralph Hall**


---

**Sonia Hirt**


---

**Maggie Cowell**


---

books and monographs

Paul Knox


Trish Nickel


books edited

Anne Khademian


Paul Knox


Tim Luke


Joel Peters


Joyce Rothschild


Max Stephenson

**books chapters**

**Ariel Ahram**


**David Bieri**


**Ralph Buehler**


**Brian Cook**


**Maggie Cowell**


**Sonia Hirt**


Karen Hult

Laura Jensen

Sara Jordan

Anne Khademian

Paul Knox


Tim Luke
Shalini Misra


Joel Peters


Patrick Roberts


Joyce Rothschild


Max Stephenson


Susan Sterett


Gerard Toal


Yang Zhang


Ariel Ahram


David Bieri

Ralph Buehler


Maggie Cowell

Giselle Datz
**Matt Dull**


**Adam Eckerd**


**Ralph Hall**


**Steve Hankey**


Sonia Hirt

Karen Hult

Laura Jensen

Paul Knox

Robin Lemaire

Tim Luke
doi: 10.1177/00113921145556593

Shalini Misra

Trish Nickel
**articles**

**Joel Peters**


**Patrick Roberts**


**Joyce Rothschild**


**Tom Sanchez**


**Max Stephenson**


**Susan Sterett**


**Gerard Toal**


**Yang Zhang**


**Kris Wernstedt**


**other publications**

**Ariel Ahram**


other publications


**Ralph Buehler**


**Giselle Datz**


**David Bieri**


**Ralph Hall**


**Sonia Hirt**


**Karen Hult**


**Shalini Misra**


**Robin Lemaire**


**Patrick Roberts**


**Max Stephenson**

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


**Gerard Toal**


Presentations

Ariel Ahram


David Bieri


Ralph Buehler


Presentations


Brian Cook


Maggie Cowell


**Giselle Datz**


**Matt Dull**


**Adam Eckerd**

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


Ralph Hall


Steve Hankey


presentations


Sonia Hirt


Karen Hult


Presentations

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


Laura Jensen


Sara Jordan


Anne Khademian


Paul Knox


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


Shalini Misra


Trish Nickel


Joel Peters


presentations

Joe Rees

Patrick Roberts
presentations


Joyce Rothschild


Tom Sanchez


Max Stephenson

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


Gerard Toal


Kris Wernstedt


Yang Zhang


**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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  (Governance & Globalization track)
  (Urban & Environmental Design & Planning track)

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