School of Public & International Affairs

2010-2011 Report of Faculty Research & Scholarship

Contents

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  tenured & tenure-track

p 10 honors & awards
  for research, scholarship, instruction, & outreach

p 12 publications
  books or monographs authored, books edited, book chapters, textbooks, articles in referred journals, other publications

p 31 presentations
  papers presented at professional meetings & invited presentations

p 41 sponsored research
Established in 2003 as a merger of departments Urban Affairs & Planning (UAP) and the Center for Public Administration & Policy (CPAP) and the formation of a third program, Government & International Affairs (GIA), SPIA has become a university leader in interdisciplinary professional social science education. The School offers two undergraduate, three masters, and two Ph.D. degrees; has headcount enrollment of 557 students; and has the largest resident academic program in the National Capital Region with twelve tenure-track faculty in residence.

Since its founding SPIA has been a “factory of excellence,” with significant contributions to discovery, learning, and engagement.

- Each year SPIA’s 32 tenure-track faculty produce 5-10 books, 25-30 book chapters, 55-60 refereed articles, 90-100 presentations, and about $2 million in sponsored projects (see research productivity table). Faculty have an international reputation demonstrated by many honors and awards and invited keynote addresses and other presentations across the country and around the world (see table on awards and honors in 2010-11).

- SPIA graduates more than 50% of the College’s masters degrees and more than 90% of its Ph.D.’s. Total enrollment has increased by 30% in the last five years, led by undergrad enrollment growth of 76% from 2007 to 2011; masters and Ph.D. enrollment has increased 11% and 28% respectively since 2006 (see instruction data tables). SPIA continues to develop new initiatives, such as the successful CPAP Local Government Management Graduate Certificate program,
the summer European Study Abroad, pending MOUs with European universities (Kent and Bern), and revival of SPIA’s flagship undergraduate enrichment program, the Washington Semester.

• SPIA provides strong service to the university, the community, and the world. Its accredited professional programs require engagement outside the university since “the community is the laboratory” for urban planning, public administration, public policy, and international affairs. The School has strong collaborations with the Office of Economic Development; the Office of International Research, Education and Development; the Office of Energy & Sustainability, and many academic departments. Prominent University officials, such as Charles Steger, Jim Bohland, Erv Blythe, and Paul Knox, have their roots in SPIA programs.

Like many departments, SPIA has maintained in the face of budget cuts but only with the diligence and hard work of its faculty. While enrollments have increased dramatically, faculty, staff, and financial resources have shrunk. Some faculty departures over the past five years have been replaced by excellent young faculty, but others remain unfilled. We fear attrition of faculty, quality graduate students, and our capacity for new initiatives if we do not recover faculty and resources lost.

We are developing a plan for advancement which we hope to achieve with the assistance of the College and the University. Broad elements of that plan include raising the research and educational profiles of the individual programs and the School nationally and internationally, moving our top-20 accredited programs up to the top 10, strengthening the capacity for interdisciplinary research and teaching, attracting and retaining outstanding junior faculty across the School by fostering ongoing opportunities for faculty research and development, and continuously advancing our pedagogy and research opportunities for part time and full time students pursuing professional and academic careers.

Central to accomplishing our plans will be securing crucial and urgently needed resources. Specifically:

• Filling vacated faculty positions with a hiring plan for six faculty for fall 2012.
• Securing five additional SPIA faculty positions requested by the Dean and SPIA’s Academic Budget Development Resource Request.
• Establishing program and SPIA Advisory Boards to enhance professional and alumni relations and strengthen our programs.
• Work with friends of SPIA, including Minnis Ridenour and some prominent donors, to attract private funds to name the school and establish endowed programs and professorships.
SPIA Faculty Discovery, Research, and Scholarship Indicators, 2008-2011

<table>
<thead>
<tr>
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<th>2008-09</th>
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<td>Value of grants/contracts</td>
<td>$2.9m</td>
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<td>$1.5m</td>
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Special Activities

- **Contributions to University Diversity Mission:** In addition to a range of research work conducted by faculty on research initiatives (e.g., research on low-income inner city minority populations) and integrating diversity issues into undergraduate and graduate courses (e.g., urban public issues, racial segregation, affordable housing, and community development), UAP developed a **Diversity Speakers Series** organized by Derek Hyra in 2010-11 that brought in six speakers to its Blacksburg and Alexandria campuses to speak on various aspects of diversity and their implications for the urban planning field.

- **Contributions to University Outreach Mission:** Much of the research and teaching within SPIA uses the community as the laboratory which is important for its professional programs in planning and public affairs. **Service learning** is an integral component of many classes, contributing to students’ professional education, serving the community, and often engaged in conjunction with funded projects. Examples of this integration include the Eco-City studio for the City of Alexandria, planning studio for Tinner Hill community in Falls Church, environmental planning studios for the Blacksburg Climate Action Plan, and senior seminars for projects in the New River Valley and Middle Peninsula Planning Districts. In addition, CPAP’s **Local Government Management** program has flourished in its second year, providing graduate education to local government officials across the state to educate the next generation of municipal government officials.
James Bohland  
At Virginia Tech since 1980. UAP. Ph.D. University of Georgia (1970), geography. Professor, Director of Virginia Tech National Capital Region operations, and Senior Fellow for Biomedical and Health Initiatives. Health policy and planning, policy analysis, program evaluation, research methods.

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

Ralph Buehler  

Sang Ok Choi  

Brian Cook  

Margaret Cowell  

2003. UAP. Ph.D. Georgia Tech (2003), city and regional planning. Associate Professor and Director, Virginia Center for Housing Research. Growth management, urban inequality, causes and consequences of residential segregation by race, regional governance structures, quantitative spatial analysis.


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

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

Laura Jensen

Gerry Kearns

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.

Ted Koebel
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.

Derek Hyra
1981. GIA. Ph.D. Washington University – Saint Louis (1981), political science. University Distinguished Professor in Political Science; Chair, Government and International Affairs; 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.

2003. UAP. Ph.D. Portland State (2003), urban studies. Associate Professor. Local and regional economic development, evolution of knowledge-based industries, entrepreneurship and innovation, comparative urban and regional planning.


1979. UAP. Ph.D. Stanford (1976), civil engineering. Professor and SPIA Interim Director, December 2010-July 2011. Environmental planning and policy, land use planning, water resources planning, energy planning and policy, renewable energy, energy efficiency.


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

Joyce Rothschild  

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

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

Rupa Thadhani  
2007. GIA. Ph.D. Virginia Commonwealth University (2007), policy and public administration. Assistant Professor. Governance and public sphere, international relations theory, public administration theory, international development, critical theory, discourse analysis, globalization, developing nations, postcolonial theory, identity, migration, spatiality.

Karen Till  
2008. GIA & UAP. Ph.D. University of Wisconsin-Madison (1996), geography. Associate Professor. Capital cities in transition, cultural politics and national identity: Museums, memorials, monuments, place making and social memory, public and conceptual urban art and architecture, new urbanism, neotraditional town planning and suburbanization, qualitative and feminist research methods; geo-ethnography; research areas: Germany, South Africa, United States.
1978. CPAP. D.P.A. University of Southern California (1977), public administration. Professor and Chair, CPAP. Complex organizations and the applied behavioral sciences, mediation management and organizational development programs for public agencies.

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

1978. CPAP. D.P.A. University of Southern California (1977), public administration. Professor and Chair, CPAP. Complex organizations and the applied behavioral sciences, mediation management and organizational development programs for public agencies.


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


- Selected as participant for Virginia Tech’s first Proposal Development Institute (PDI) program sponsored by the Office of Vice President for Research.


- Executive Development Institute cohort of 20 VT faculty and staff. Graduated May 12, 2011.

- First scholar nominated to serve on the advisory council to be appointed by the Virginia Commission on the Woodrow Wilson Presidential Centennial.

- APSA Annual Meeting paper, “Arenas of Power and New Policy Theory” was a top ten download from the Social Science Research Network in September 2010.

Ralph Buehler

Sang Ok Choi

Brian Cook
honors and awards

• Lærebogsprisen (The Textbook Prize) 2010 – Special Award for Strong International Textbook Project, Gudmundsson, H., R. Hall, G. Marsden, J. Zietsman, Sustainability in Transportation: Making it Count.”

• Winner of the 2010 Brownlow Award for the best Public Administration Review essay

• Selected as Ghaemian Scholar at the Heidelberg Center for American Studies, University of Heidelberg, Germany, September 2010-September 2011.

• Virginia Tech University Relations Communications Excellence Award: Certificate of Appreciation, 2010.
books and monographs

Sang Ok Choi

Maggie Cowell

Derek Hyra

Paul Knox

Tom Sanchez

Max Stephenson
books and monographs continued ...

**Gerard Toal**


**books edited**

**Tim Luke**


**Joel Peters**


**Joyce Rothschild**


**Tom Sanchez**

books edited continued ...

Max Stephenson

Yang Zhang

book chapters

John Browder

Ralph Buehler

Sonia Hirt

book chapters continued ...

**Gerry Kearns**


**Anne Khademian**


**Paul Knox**


**Tim Luke**


book chapters continued ...

Luke continued...


Joel Peters


John Randolph


Patrick Roberts


book chapters continued ...

Max Stephenson


Karen Till


Gerard Toal


Kris Wernstedt


textbooks

Ralph Hall

publications

refereed journal articles

**John Randolph**


---

**Ralph Buehler**


refereed journal articles continued ...

Buehler continued...


Kuhnimhof, T., R. Buehler, and J. Dargay. Accepted for publication. “A New Generation: Travel Trends among Young Germans and Britons,” Transportation Research Record: Journal of the Transportation Research Board. (Impact factor: 0.298)

Buehler, R. 2010. “Viewpoint: How can the stigma of public transport as the ‘poor man’s vehicle’ be overcome to enhance sustainability and climate change mitigation?” Natural Resources Forum 34(4), p. 327. (note: invited short opinion piece)


Sang Ok Choi


Brian Cook

refereed journal articles continued...

**Cook continued...**


**Maggie Cowell**


**Giselle Datz**


**Matthew Dull**


**Wilma Dunaway**


refereed journal articles continued ...

Ralph Hall

Sonia Hirt


Gerry Kearns


Anne Khademian

refereed journal articles continued ...

Khademian continued...


Paul Knox


Tim Luke


refereed journal articles continued ...

Luke continued...

Heike Mayer

Joel Peters

Jesse Richardson

Patrick Roberts
refereed journal articles continued...

**Joyce Rothschild**


**Tom Sanchez**


**Max Stephenson**


**Karen Till**


refereed journal articles continued ...

Gerard Toal


Kris Wernstedt


Jim Wolf


Yang Zhang
refereed journal articles continued...

Zhang continued...

other papers and reports

*Ralph Buehler*


other papers and reports continued ...

**Buehler continued...**


**Sang Ok Choi**


**Brian Cook**


**Matthew Dull**


**Ralph Hall**


other papers and reports continued ...

Hall continued...


Sonia Hirt


Laura Jensen


Anne Khademian


Ted Koebel


other papers and reports continued...

Koebel continued...

Heike Mayer

John Randolph

Jesse Richardson

Patrick Roberts
other papers and reports continued ...

**Tom Sanchez**

**Max Stephenson**


**Karen Till**

John Browder


Ralph Buehler


Buehler, R. 2010. “Four Decades of Planning for Sustainable Transport in Freiburg, Germany.” American Collegiate Schools of Planning (ACSP) conference 2010, Minneapolis, MN.


Sang Ok Choi


Brian Cook


Maggie Cowell

Cowell continued...


Giselle Datz


Wilma Dunaway


Matt Dull


**Dull continued...**


**Ralph Hall**


**Sonia Hirt**


**Derek Hyra**

Hyra continued...

Hyra, D. 2011. “Should We Stay or Should We Go?” The National Low-Income Housing Coalition Annual Housing Policy Conference. Washington, DC.


Laura Jensen


Anne Khademian


Tim Luke

**Luke continued...**


**Joel Peters**


**John Randolph**


**Jesse Richardson**


Richardson continued...


Patrick Roberts


Joyce Rothschild


Tom Sanchez

Sanchez, T. W. 2011. “Social Media/Technology for Planning Program Communications and Administration.” Association of Collegiate Schools of Planning Administrators Conference, Austin, TX, May.


Sanchez continued...

Sanchez, T. W. 2010. “Salt Lake County Planning Communications and Social Network Analysis.” Utah Chapter of the American Planning Association Fall Conference, Salt Lake City, UT, September.

Max Stephenson


Karen Till


Till continued...

Gerard Toal
Toal, G. 2011. “‘Today We are All Georgians’: The United States and the Russian-Ossetian-Georgian War of August 2008.” Annual Eyre lecture, Department of Geography, University of North Carolina. March 25.

Kris Wernstedt
John Browder

Ralph Buehler
PI. “Analysis of Determinants of Bicycle Use in the Washington Metropolitan Area.” Mid-Atlantic Universities Transportation Center (MAUTC), $20,000. 2010-2011.
Co-PI. “Analysis of Bicycling Trends and Policies in Large American Cities.” University Transportation Research Center II, Rutgers University, Virginia Tech, $30,000. 2009-2010.

Maggie Cowell
Co-PI (with John Provo and Heike Mayer). “Assess the potential of the homeland security economy for community economic development and revitalization at the St. Elizabeths Hospital site in Southeast Washington, DC.” Economic Development Administration, $186,000. April 6, 2011 to May 9, 2012.

Matt Dull
**Dull continued...**


**Ralph Hall:**

Co-PI. “Impact evaluation of an MCC-funded rural water supply project in Nampula, Mozambique.” The Millennium Challenge Corporation (MCC) has awarded $610,000 to Stanford University for the rural water supply impact evaluation. In 2011, a $42,715 subaward to VT from Stanford was awarded for the baseline study. The follow-up study is planned for 2013.

**Laura Jensen**


**Anne Khademian**


**Ted Koebel**


Co-PI (with Andrew McCoy). “Costing & Program Review.” Fairfax County ADU and WDU Programs, $45,000. 2009-11.

Co-PI (with Marilyn Cavell). “Housing Affordability Index Metrics.” Housing Virginia, $20,000. 2009-10.
Koebel continued...

Co-PI (with Joe Schilling, John Kroemer, and Marilyn Cavell). “Housing Management Audit.” Prince George County, MD, ~$50,000. 2010-11.

PI. “HUD SCI Regional Sustainability.” New River Valley PDC. ~$100,000 for the housing component. 2011-14.

John Randolph


Jesse Richardson


PI. “Private Forestlands and Community Planning.” Virginia Department of Forestry, $28,000. 2009-2011.
Max Stephenson


Karen Till:

“Mapping Spectral Traces.” Virginia Tech Humanities Symposium Grant, College of Liberal Arts and Human Sciences, and School of Visual Arts Visiting Artists’ Program: $28,000. 2010.

Kris Wernstedt


Yang Zhang


School of Public & International Affairs

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DEGREES OFFERED

B.A. in Public & Urban Affairs
B.S. in Environmental Policy & Planning
Master of Public Administration
Master of Public & International Affairs
Master of Urban & Regional Planning
Ph.D. in Public Administration & Public Affairs
Ph.D. in Planning, Governance & Globalization
  (Governance & Globalization stream)
  (Urban & Environmental Design & Planning stream)

PROGRAMS in SPIA

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  alexandria ph: 703-706-8123

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  giavt@vt.edu
  blacksburg ph: 540-231-6572
  alexandria ph: 703-706-8111

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  uapvt@vt.edu
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  alexandria ph: 703-706-8111

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Institute for Policy & Governance
  www.ipg.vt.edu

Metropolitan Institute
  www.mi.vt.edu

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