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**Programs & Institutes**  
- Center for Public Administration & Policy (CPAP)  
- Government & International Affairs (GIA)  
- Urban Affairs & Planning (UAP)  
- Institute for Policy & Governance (IPG)

**Degrees Offered**  

**Undergraduate**  
- Environmental Policy & Planning (EPP) Major  
- Smart and Sustainable Cities (SSC) Major  
- Community Systems & Engagement (CSE) Pathways Minor

**Master**  
- Public Administration (MPA)  
- Public & International Affairs (MPIA)  
- Urban & Regional Planning (MURP)

**Ph.D.**  
- Public Administration & Public Affairs  
- Planning, Governance & Globalization
MESSAGE FROM THE DIRECTOR

The 2019 calendar year was a year of important changes for SPIA. I began my tenure as the new school director in August, the same month that the school’s DC area section moved from its former location in Alexandria to Arlington, Virginia. We also successfully hired two new faculty members: Theo Lim as an assistant professor in the UAP, and Stephanie Smith as an associate professor with tenure in CPAP. As of the end of December 2019, SPIA has 10 assistant professors, 15 associate professors, and 7 full professors. Furthermore, in the Fall, Mrs. Lynn Schnurr, an executive consultant at General Dynamics Information Technology, was elected as the new chair of SPIA’s Advisory Board. The board also welcomed SPIA alum and donor Jerry E. Cox as a new member.

There were other “firsts” for SPIA. Professor Steven Hankey became SPIA’s first faculty member to receive the prestigious CAREER award from the National Science Foundation (NSF). This $500,000 grant enables Steve to launch a five-year research project entitled “Leveraging mobile monitoring, low-cost sensors, and Google Street View imagery to identify and modify street-level determinants of exposure to particulate air pollution.” SPIA also hosted, for the first time, 25 members of the Mandela Washington Fellows program for six weeks at our Northern Virginia campus. As part of our new marketing and recruitment efforts, SPIA sponsored live broadcast programming on National Public Radio, ran ads on Washington, D.C. trains and buses, and took part in the Association of the U.S. Army’s (AUSA) annual meeting and expo. We also improved our presence on social media sites like Facebook, Twitter, and LinkedIn.

In terms of programs, we started a double major in “Smart and Sustainable Cities and Real Estate.” This will enable students to combine their knowledge of commercial real estate with sustainable urbanization to find careers in government, planning and engineering consulting firms, real estate development, and private industry. We also launched the Community Systems & Engagement (CSE) Pathways Minor (in collaboration with Departments of Sociology, Human Development and Family Science, VT Engage, and the Leadership and Social Change Residential College) to enable students to work collaboratively to solve common community challenges and address global problems. SPIA faculty also played a leading role in the creation of the new Science, Technology & Engineering in Policy (STEP) graduate certificate program as a part of Virginia Tech’s Policy Destination Area. This program connects policy studies into the science and technology education of participating MA and Ph.D. students, allowing them to build on their technical skills to focus on the connections between STEM-H and policy in an interdisciplinary atmosphere. In addition, SPIA offers a range of graduate certificate programs, including those in economic development, homeland security policy, local government management, nonprofit and NGO management, and security studies. SPIA faculty were also involved with the Global Forum on Urban and Regional Resilience (GFURR), the Rural Virginia Initiative, and ASPECT (the Alliance for Social, Political, Ethical, and Cultural Thought) PhD program.

The Governor of Virginia approved funding for the third cohort of the Virginia Management Fellows (VMF) program. This sponsored program is part of a larger
research effort analyzing the succession planning projects and initiatives of the Commonwealth of Virginia, which has so far invested $1,050,000 in sponsored research for SPIA's Applied Research Campus leadership team in Richmond and for study of the VMF program.

As you will see in the following pages, SPIA faculty accomplished a great deal in the 2019 calendar year including:

- Receiving eight university and national awards.
- Winning an impressive $2.7 million dollars in competitive external and internal grants.
- Serving as editor in chief or member of the main editorial boards of 16 different journals and book series.
- Presenting their research at numerous universities and conferences domestically and internationally (including Austria, Canada, Estonia, France, Georgia, Germany, Italy, Netherlands, Norway, UK, and Uruguay).

In calendar year 2019, fourteen SPIA students earned their doctoral degrees, sixty students earned their masters' degrees, and thirty-nine students earned their undergraduate degrees.

At the conclusion of 2019, CPAP Professor Sara Jordan and NCR operations manager Julie Hudson left SPIA, and Professor Yang Zhang concluded his term as the school’s associate director. I want to express my thanks to Yang, Sara, and Julie, as well as my predecessor, Professor Joel Peters, who served capably as SPIA’s interim director since 2018.

Congratulations to every member of the SPIA family for their accomplishments.
REGULAR FACULTY

Ariel Ahram
Associate Professor
GIA

David Bieri
Associate Professor
UAP

Mehrzad Boroujerdi
Director,
SPIA

David Bredenkamp
Assistant Professor
CPAP

Ralph Buehler
Associate Professor
UAP

Maggie Cowell
Associate Professor
UAP

Giselle Datz
Associate Professor
GIA

Stephanie Davis
Collegiate Assistant Professor
CPAP

Matthew Dull
Associate Professor
CPAP

Adrienne Edisis
Associate Professor
CPAP

Ralph Hall
Associate Professor
UAP
Undergraduate Programs Director
Associate Director, SPIA

Steve Hankey
Assistant Professor
UAP
PROFESSORS OF PRACTICE

Joyce Barr
Professor of Practice
GIA

Mary Beth Dunkenberger
Associate Director, Institute for Policy & Governance

Jeffery Glick
Professor of Practice
SPIA

Shelley Mastran
Professor of Practice
UAP

James Moran
Professor of Practice
SPIA

Elizabeth Morton
Associate Professor of Practice
UAP

Randall Murch
Professor of Practice
SPIA
EMERITUS FACULTY

James Bohland
Professor Emeritus

Brian Cook
Professor Emeritus

Larkin Dudley
Professor Emerita

Wilma Dunaway
Professor Emerita

John Randolph
Professor Emeritus

Joyce Rothschild
Professor Emerita

James Wolf
Professor Emeritus
HONORS & AWARDS

Ariel Ahram
Received the Certificate of Excellence in Scholarship, College of Architecture and Urban Studies (CAUS).

Joyce Barr
Elected as a fellow of the National Academy of Public Administration.

Stephanie Davis and Leisha LaRiviere
Received CAUS Certificate for Excellence in Outreach Award.

Chad Levinson
Received Leonard D. White Award for best dissertation in public administration, American Political Science Association.

Todd Schenk
Received the Faculty/Staff Civility award, Virginia Tech Student Affairs.

Max Stephenson
Selected as Visiting Scholar in Governance, Shandong University, Shandong, China, 2019.

Gerard Toal
Received Ethnicity, Nationalism & Migration Studies (ENMISA) Distinguished Book Award 2019 for Near Abroad: Putin, the West and the Contest for Ukraine and the Caucasus (Oxford University Press, 2017).
**Funded Research**

**Ralph Buehler**  
E-Scooter Deployment, SPIN/FORD. Principal Investigators: Mollenauer, M. Amount: $12,500 (entire project is about $600,000), 07/01/2019.

**Maggie Cowell and Elizabeth Morton**  
VT Collaboratory in the National Capital Region (‘Collaboratory’) - A Social Science and Design Research and Engagement Agenda for HQ2 and VT’s Innovation Campus, Institute for Society, Culture, and Environment (ISCE). Amount: $100,000, 2019-2021.

**Stephanie Davis**  
Grayson County Organizational Assessment, Grayson County, VA. Amount: $9,500, 08/01/2019.  
Town of Abingdon Capital Improvement Plan, Town of Abingdon, VA. Amount: $8,000, 08/01/2019.  
Mathews County Compensation and Classification Plan, Mathews County, VA. Amount $16,000, 08/01/2019.  
Virginia Government Finance Officers’ Association Professional Development Contract. Amount: $33,000. 03/01/2029.

**Ralph Hall**  
Adaptive Lifelong Learning Pathways for an Inclusive Innovation Economy, Calhoun Center for Higher Education Innovation, Center for Humanities, ICAT, CALS, Pamplin, CAC, NCR, Principal Investigators: Rikakis T; Johnson S; McNair L; Khademian A; Carlson K; Tegarden D; Holt M; Lockee B; Holmes G; Sanders KE. Amount: $105,000, 04/09/2019.  
VT Food Access and Security Study, Virginia Tech Office of Outreach and International Affairs, Principal Investigators: Hall RP; Ranganathan S; Lucero C. Amount: $10,000, 01/31/2019.  
Urban Footprint, School of Public and International Affairs and Urban Affairs and Planning program. Amount: $3,000, 01/22/2019-05/17/2019.

**Steve Hankey**  
CAREER: Leveraging mobile monitoring, low cost sensors, and Google Street View imagery to identify and modify street-level determinants of exposure to particulate air pollution, National Science Foundation (NSF), 2020-2025, Principal Investigator. Amount: $500,000.  
Seeing the forest for the trees: Developing Google street view-based metrics of nature and the influence on health, NIH, Co-Investigator. Total amount: $200,000 (share to VT: $8,100), 2019-2021.  
Leisha LaRiviere
Virginia Department of Behavioral Health and Developmental Services (VDBHDS) Project, VDBHDS. Amount: $59,500, 05/06/2019-12/31/2019.

Virginia Department of Behavioral Health and Developmental Services Project, VDBHDS. Amount: $59,500, 05/06/2019-12/31/2019.

Virginia Management Fellows Cohort 2, Commonwealth of Virginia. Amount: $175,000, 06/10/2019-06/09/2021.

Virginia Public Sector Leadership Level 1, VDBHDS. Amount: $74,000, 01/01/2019-12/31/2019.

Virginia Public Sector Leadership Level 2, VDBHDS. Amount: $37,000, 01/01/2019-12/31/2019.


Chad Levinson
Source-Frame Congruence in US National Security Information Campaigns, Institute for Society, Culture, and Environment (ISCE), Principal Investigators: Mitra T; Goode B; Crandell I; Pires B. Amount: $30,000, 07/15/2019.

Theo Lim
Designing and training a physical simulation-machine learning-based watershed planning support system, Institute for Society, Culture, and Environment (ISCE). Amount: $16,517, 05/01/2019.

Joel Peters

Todd Schenk

Invasive Species Working Group, Fralin Life Science Institute, Principal Investigators: Barney J; Haak D; Brown B; Schenk T; Salom S. Amount: $25,000, 07/01/2019-06/30/2020.

Wenwen Zhang
The Social and Policy Impacts of Autonomous Electric Mobility: A Coupled Model for Transportation and Land Use Models, 4-VA Collaborative Research Grant, Principal Investigators: Chen D. Amount: $25,000,


**Yang Zhang**

**Institute for Policy & Governance**


Preventing and Reducing Opioid Misuse, United States Department of Agriculture and Office of Rural Health. Amount: $5,985.


Community Change Collaborative, VT Center for Peace Studies and Violence Prevention, Principal Investigators: Stephenson M; Nagle L, Amount: $30,000, 07/01/2019–07/01/2021.

**VHEOC 4 - Messaging Project to Promote Continuum of Care in the West Piedmont Health District, Virginia Dept. of Behavioral Health and Developmental Services (VDBHDS), Virginia Higher Education Opioid Consortium (VHEOC), 2019–2020. Amount: $35,262.**

Federal Reimbursement Unit (FRU), Fairfax County, VA Department of Family Services Child Protective Services and Foster Care and Adoptions Programs, Fairfax/Falls Church Children’s Services’ Act, 2019–2020. Amount: $575,010.
PUBLICATIONS

Books or Monographs

Ariel Ahram
*Break All the Borders: Separatism and the Reshaping of the Middle East* (New York: Oxford University Press, 2019).

Timothy Luke


Max Stephenson

Book Chapters

Mehrzad Boroujerdi

Giselle Datz
Sarah Jordan
“A Hong Kong Way of Social Equity.” Social Equity in the Asia-Pacific Region. Edited by Morgen Johansen (Palgrave Macmillan, 2019).

Robin Lemaire
“Networks and public administration.” In Oxford Research Encyclopedia of Politics (Oxford University Press, 2019).

Timothy Luke


Shalini Misra

Patrick Roberts

Patrick Roberts and Jeffrey Glick


Patrick Roberts and Kris Wernstedt

Yang Zhang

**Journal Articles**

David Bieri

David Bredenkamp

Ralph Buehler


Buehler, R., Kuhnimhof, T., Bauman, A., & Eisenman, C.


**Ralph Buehler and Steve Hankey**


**Maggie Cowell**


**Giselle Datz**


**Mary Beth Dunkenberger**


**Ralph Hall**


**Steve Hankey**


Sarah Jordan


Robin Lemaire

Chad Levinson

Theo Lim
“Use of the McHargian LUSA in agricultural research and decision-making in the age of non-stationarity and big earth observation data,” Socio-Ecological Practice Research 1(3-4), 2019: 297-324.

Timothy Luke


Eric Malczewski


Joel Peters
Todd Schenk

Max Stephenson


Gerard Toal


Kris Wernstedt


Kris Wernstedt and Patrick Roberts


Wenwen Zhang


Wenwen Zhang and Steve Hankey

Yang Zhang


Other Papers and Reports

Ariel Ahram
“In the Middle East, Separatists Are the New Spoilers,” Democracy & Society, Center for Democracy and Civil Society, Georgetown University, vol. 16 (2019).


“Breaking and Mending,” Wilson Quarterly (Fall 2019).


“The Stockholm Agreement and Yemen’s Other Wars,” Brookings Institution Lawfare Foreign Policy Essay (February 3, 2019).

Ralph Buehler and Steve Hankey

Ralph Hall

Theo Lim


Eric Malczewski

Patrick Roberts

Patrick Roberts and Ariel Ahram
ACADEMIC PRESENTATIONS

Ariel Ahram
European University Institute, Florence, Italy (October 21-22); Woodrow Wilson Center (July 24); Crown Center for Middle East Studies, Brandeis University (May 1); State University of New York at Geneseo (April 23); Project on Middle East Political Science, George Washington University (March 21); Middle East Forum, School of International and Public Affairs, Columbia University (March 12); School of International Service, American University (February 12).

David Bieri
Verein für Social Politik (Hamburg, Germany); 23rd European Society of the History of Economic Thought Annual Conference (Lille, France); Annual Meeting of the Association of American Geographers; International Studies Association Annual Conference.

Ralph Buehler
Association of Collegiate Schools of Planning Annual Meeting; Annual Meeting Association of American Geographers; Transportation Research Board Annual Conference; Conference on Active Travel and Public Health; DC Auto Show.

Maggie Cowell
American Society for Engineering Education Annual Conference; Association of Collegiate Schools of Planning Annual Conference; Nordic Geographers Meeting (Trondheim, Norway).

Giselle Datz
Third Interdisciplinary Sovereign Debt Research and Management Conference, Georgetown University Law Center (April); Annual meeting of the International Studies Association (March).

Ralph Hall
Canadian Society for Ecological Economics 12th Biennial Conference (Waterloo, Canada); Syracuse University’s Faraday House in London; Conference on Endogenous Growth, Participatory Economics, and Inclusive Capitalism (Oxford University); Conference on Innovative and Transformational Ideas to Improve the Development and Policy Response to Forced Displacement (Virginia Tech); Women and Gender in Development Conference (Virginia Tech); Provost’s Academic Affairs Council (ACC), Virginia Tech.

Steve Hankey
International Society of Environmental Epidemiology
(Utrecht, Netherlands); American Geophysical Union.

**Karen Hult**
American Political Science Association.

**Robin Lemaire**
Association for the Study of Food & Society (ASFS) and the Agriculture, Food and Human Values Society (AFHVS); Public Management Research Conference; Public Administration Theory Network; American Society for Public Administration.

**Chad Levinson**
American Political Science Association; International Studies Association Annual Convention.

**Theo Lim**
Association of Collegiate Schools of Planning Annual Conference.

**Eric Malczewski**
Social Science History Association Conference; American Sociological Association Annual Meeting; Yale University, Center for Cultural Sociology Conference; Eastern Sociological Society Meeting.

**Shalini Misra**
International Network for the Science of Team Science Conference (May 20-23); PAT-NET conference; International Systems and Complexity Science in Health (April 3).

**Joel Peters**
Auditorio at Facultad de Administración y Ciencias Sociales Universtad Ort, Montevideo, Uruguay (September 19); School of Advanced International Studies, (SAIS), Johns Hopkins University (April 11).

**Joe Rees**
Law & Society Association Annual Meeting.

**Patrick Roberts**
Association for Public Policy Analysis and Management; American Political Science Association; Southern Political Science Association.

**Tom Sanchez**
Association for Collegiate Schools of Planning Annual Conference; Annual Conference of the Transportation Research Board.

**Todd Schenk**
Association of Collegiate Schools of Planning; Network of Schools of Public Policy, Affairs & Administration; Ecological Society of America.

**Max Stephenson**
International Studies Association; Midwest Political Science Association; Appalachian Studies Association.

**Gerard Toal**
Tartu Conference on Russian and East European Studies (Tartu, Estonia); Institut für die Wissenschaften vom Menschen (Vienna, Austria); Tbilisi State University (Tbilisi, Georgia).

**Kris Wernstedt**
Association for Public Policy Analysis and Management.

**Ray Zuniga**
Association for Education Finance and Policy.

**Wenwen Zhang**
Association of Collegiate Schools of Planning Annual Conference.

**Yang Zhang**
Association of Collegiate Schools of Planning (ACSP) Conference; The 44th Natural Hazards Workshop.
JOURNAL EDITORSHIP

David Bieri
Editorial Board Member, Housing Policy Debate

Ralph Buehler
Book Review Editor, Transport Reviews
Editorial Board Member, Transportation Research Part D: Transport and Environment
Editorial Board Member, International Journal of Sustainable Transport
Editorial Board Member, Journal of Transport and Land Use

Brian Cook
Editor, Administration & Society

Maggie Cowell
Editorial Board Member, Urban Affairs Review

Karen Hult
Editorial Board Member, Administration & Society
Editorial Board Member, Congress & the Presidency
Editorial Board Member, Presidential Studies Quarterly
Editorial Board Member, Rhetoric & Public Affairs

Laura Jenson
Editorial Board Member, Administration & Society

Sara Jordan
Editorial Board Member, Public Integrity

Timothy Luke
Co-editor, Fast Capitalism
Associate Editor, New Political Science
Book Line Editor, Telos Press Publishing

Joel Peters

Patrick Roberts
Editorial Board Member, Risk, Hazards & Crisis in Public Policy.

Tom Sanchez
Editor-in-chief, Housing Policy Debate
GRADUATING STUDENTS

Ph.D., Planning, Governance, and Globalization

Apriliani, Putu D., “It Takes a Village to Do Microfinance Right: Effects of Microfinance on Gender Relations in Bali” (Summer 2019).

Gupta, Khushboo, “The Indian Perspective of Smart Cities” (September 2019).


Le, Huyen Thi Khanh, “Emotional Agents: Modeling Travel Satisfaction, Affinity, and Travel Demand Using a Smartphone Travel Survey” (Spring 2019).


Mahdu, Omchand, “The Impacts of Climate Change on Rice Production and Small Farmers’ Adaptation: A Case of Guyana” (Spring 2019).

Wei, Rongrong, “Local Fiscal Sustainability within American Federalism” (Spring 2019).

Ph.D., Public Administration / Public Affairs


Buechel, Kathryn Jean, “Institutional Adaptation and Public Policy Practices of Military Transfer Credit” (Fall 2019).

Daniels, Lorita Ann Copeland, “Illuminating Identities and Motivations in Public Participation: Administrators in Local Government” (Fall 2019).

Hubbard, Faith Gibson, “Beyond the Boundaries: A sharing of power in processes of public education decision-making and planning” (Spring 2019).


Zobell, Anne Catherine, “The Impact of Advocacy Groups in Facilitating Policy Diffusion to Pass Paid Sick Leave Laws in New Jersey” (Fall 2019).
Master’s Students

The following students earned their Master’s degrees in 2019:

Elliott A. Abbott
Alejandro J. Alvarado
Andrew T. Ausel
Jenizza Badua
Corrine K. Bebek
Christjahn L. Beck
Olyvia S. Brown-Coles
Fanglan Chen
John R. Craig
Victoria R. Crespo
Colleen M. Dang
Daniel B. Deal
Morgan G. Dean
Michael J. Donato
Gregory T. Edmonds
Lauren C. Failla
Samantha L. Fenn
Joseph W. Fraker
Sandra P. Freeman
Charles L. Grant
Dylan B. Grosse
Joshua R. Hammes
Lawrence M. Harris
Luke A. Hendrixson
John B. Hicks
Zachary A. Jackson
Krystal C. Kappelman
Kasron J. Kopecky
Joshua E. Lanier
Arnold C. Liyai
Rosabella A. Lipsey
Ernest M. Lott
Parker H. Mabe
Brandon A. McCord
Jonathan P. McCoy
David J. Malewitz
Emma T. Martin
Hector R. Mendoza
James N. Mills
Fan Mo
Rebekah G. Molloy
Lara K. Nagle
Chelsea E. Neil
Jenee L. Padmore
Lavinia Panizo
Gregory A. Peck
Erin C. Poff
Kahherine R. Purnell
Matthew L. Rhodes
Ian W. Rose
Syed Umar Shahid
Amrit P. Singh
Joshua A. Slaughenhoupt
Ximena Taglie Hodzic
Aaron C. Taylor
Hazel C. Ventura
Caitlin E. Verdu
Trang T. Vu
Holly F. Ward
Aidan C. Williams

Undergraduate Students

The following undergraduate students graduated in Fall 2019:

Abigail Courington
Lindsey Cassone
Riley Mitchell
Anna Nagorniuk
Connor Sexton

The following undergraduate students graduated in Spring 2019:

Ali Alneyadi
Emily Burke
Kelly Casper
Lindsey Cassone
Sam Chanesman

Jarrodd Davis
Maddy Devenoge
Jordan Dinopoulous
Olivia DiMaio
Libby Ebeling
Maureen Finnan
Gracie Gilbert
Kendra Hale
Collin Hamilton
Sofia Jorgenson
Alexandra Kahl
Eve Lettau
Andrew Loranger
Heather McMahon
Misganaw Mengiste
Riley Mitchell
Ellie Muraca
Eric Newton
Justin Redman
Meghan Rupkey
Shahra Shrestha
Noah Solomon
Sean Starkey
Matt Tatum
Jake Tupitza
Lyndee Weaver
Sarah Whitlock
Tess Williams
Hunter Wolz