



VIRGINIA TECH®



SCHOOL OF PUBLIC AND INTERNATIONAL AFFAIRS

ANNUAL REPORT
2020

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www.spia.vt.edu



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Arlington, VA
Blacksburg, VA
Richmond, VA



@vtspia

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 (EEP) 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 onset of a global pandemic, large-scale civil protests, and a polarizing presidential election ensured that none of us will forget the year 2020. At SPIA, we had to switch to online teaching and telework on short notice and attempt to keep ourselves and our loved ones safe. SPIA had to cancel our Washington Semester and Study Abroad programs and postpone plans for VT's Giving Day. The social and political issues heightened in the past year reinforced SPIA's need to prioritize diversity and inclusion in our educational curriculum and keep partisan political discussions civil. The pandemic forced operational uncertainty in light of mandatory budget cuts, the inability of international students to join us, and the need for financial aid by students adversely impacted by the pandemic.

Disconcerting times always test the character of individuals and institutions and I am proud of the fact that we did not emerge devastated from this multipronged crisis. To the contrary, SPIA proved its resiliency and demonstrated its ability to withstand an unprecedented condition of adversity and register the following accomplishments during calendar year 2020:

- SPIA received the 2020 Virginia Tech Exemplary Department or Program Award for the theme of developing and sustaining effective approaches to teaching with a global perspective at the graduate or undergraduate levels.
- SPIA's sponsored programs expenditures reached \$2.27 million dollars, which was higher than any of the last five years.
- On March 16, 2020 we unveiled the new SPIA website that has substantially increased visibility for the school through user traffic.
- We witnessed our highest-ever yield rate for undergraduate admission.
- A new Accelerated Master's in Public Administration (MPA) degree was launched for students enrolled in our Bachelor of Arts in Public and Urban Affairs (PUA).
- In January 2020, we offered a new winter session seminar entitled "Washington Experience: U.S. Congressional Oversight in Action."
- SPIA's Richmond academic campus became operational in the Fall 2020 semester. Colleagues there also received a new \$194,000 research grant as part of a 3-year partnership with the Virginia Department of Conservation and Recreation (DCR) to strengthen current efforts and discover new approaches related to DCR's effort to build a more diverse, equitable, and inclusive organization.
- We drafted a 120-page academic program review report for the University's Office of Analytics & Institutional Effectiveness, which contains a wealth of information that will be used to advance a strategic vision and plan for the school.
- We offered virtual information sessions for prospective students for all our degree programs.
- We had a record year in terms of media citations of faculty.
- We implemented a communications strategy that prioritized marketing and advertising (including digital ads, mobile ads, bus ads) more than in any previous year.
- We launched SPIA's YouTube channel, while our followers on social media platforms increased at a rapid rate.

At the close of 2020, the School of Public and International Affairs had some 160 undergraduate and 250 graduate students taught and supported by 21 tenured faculty, 8 tenure-accruing faculty, 1 collegiate professor, and 10 dedicated staff members. In addition, students benefit from engaging with high-ranking/performing practitioners who serve as Professors of Practice/adjuncts, and administrative/professional lecturers. The distribution of full-time SPIA faculty in Arlington, Blacksburg, and Richmond is respectively 50%, 43%, and 7%.

In 2020, the school experienced the following faculty and staff changes:

- Four long-time staff members (Krystal Wright, Georgeta Pourchot, Leigh Bower, and Myriam Lechuga) retired or joined a different unit within VT. Natalia Gutierrez-Smith (Administrative Coordinator based in Blacksburg) and Elia Amegashie(Graduate Enrollment Coordinator/Academic Advisor based in our Arlington campus) were hired to cover the responsibilities of Georgeta Pourchot, Leigh Bower, and Myriam Lechuga. Kelly Crist, an Administrative Coordinator for SPIA, was promoted to Manager of Faculty and Student Affairs and assumed Krystal Wright's responsibilities in addition to maintaining the majority of the duties from her prior role. SPIA Business Manager Leslie Day, SPIA IT Manager Matthew Jezierski and SPIA Fiscal Tech Han Le also assumed additional responsibilities so that SPIA could maintain the maximum level of service possible during this transition period.

- Professors Thomas Skuzinski, Wenwen Zhang, Elizabeth Morton and Anne Khademian (former director of SPIA) left the university, and Dr. Randall (Randy) Murch, a Professor of Practice at SPIA, retired.

- Professor Ralph Hall became SPIA's Associate Director while continuing to serve as Undergraduate Programs Director.

- Professor Ariel Ahram became GIA Program Chair while Professors Robin Lemaire, Joe Rees, and Stephanie Smith served as CPAP's co-program chairs.

- Two of our SPIA colleagues in Richmond took on additional leadership roles at the College of Architecture and Urban Studies: Leisha LaRiviere as the Director of Strategic Planning, and Cecily Rodriguez as the Director of Diversity and Inclusion.



The following pages highlight the accomplishments of SPIA faculty, students, staff and alumni in the 2020 calendar year.

- Faculty and staff received seven university and international awards.
- Faculty won an impressive \$2.7 million dollars in competitive external and internal grants.
- Faculty published 3 books, 19 book chapters, and 45 journal articles. These included books and book chapters published by Edward Elgar Publishing, Lexington Books, Routledge, Springer, Telos, and the University Press of Colorado; and articles in highly ranked disciplinary and inter-disciplinary journals such as Global Public Health, International Journal of Disaster Risk Reduction, International Journal of Water Resources Development, Journal of Public Policy, Journal of Urban Technology, Natural Hazards, New Political Science, Presidential Studies Quarterly, Scientific Data, Transport Reviews, Urban Forestry & Urban Greening, and World Development.
- Faculty served as editor in chief or member of the main editorial boards of 31 different journals and book series.
- Faculty presented their research at over 30 national and international conferences.
- At least 10 current and former students received award and honors.
- Seventeen SPIA students earned their doctoral degrees, fifty-seven students earned their masters' degrees, and forty-six earned their undergraduate degrees.

2020 also marked fifteen years of service for Mary E. Dunkenberger and Claudia C. Malenich (Institute for Policy and Governance), twenty-five years of service for Prof. Joseph V. Rees (CPAP), and thirty years of service for Prof. Max Stephenson (UAP & IPG) and Prof. Gerard Toal (GIA).

SPIA remains a vibrant school where innovative instruction and cutting-edge research takes place on a daily basis and has local, regional, state, federal, and international impact. I thank every member of the SPIA family for their unique contributions and congratulate them on their accomplishments.

Mehrzaad Boroujerdi
Director

**School of Public &
International Affairs**
Virginia Tech



Regular Faculty



Ariel Ahram

Associate Professor
GIA



David Bieri

Associate Professor
UAP



Mehrzad Boroujerdi

Director & Professor,
SPIA



David Bredenkamp

Assistant Professor
CPAP



Ralph Buehler

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

Assistant Professor
CPAP



Ralph Hall

Associate Professor
UAP
Undergraduate
Programs Director &
Associate Director,
SPIA



Steve Hankey

Associate Professor
UAP



Karen Hult

Professor
CPAP



Laura Jensen

Associate Professor
CPAP



Leisha LaRiviere

Adjunct Professor
CPAP & Associate
Director,
Richmond



Robin Lemaire

Associate Professor
CPAP



Chad Levinson

Assistant Professor
GIA



Theodore Lim

Assistant Professor
UAP



Timothy Luke

University Distinguished
Professor
GIA



Eric Malczewski

Assistant Professor
CPAP



Shalini Misra

Associate Professor
UAP



Joel Peters

Professor
GIA



Joe Rees

Associate Professor
CPAP



Patrick Roberts

Associate Professor
CPAP



Tom Sanchez

Professor
UAP



Tod Schenk

Assistant Professor
UAP



Stephanie Smith

Associate Professor
CPAP



Max Stephenson

Professor
UAP
Director, Institute for
Policy and
Governance



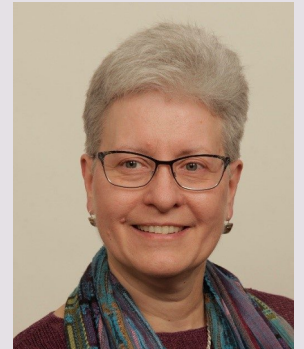
Gerard Toal

Professor
GIA



Kris Wenstedt

Professor
UAP



Dianne Zahm

Associate Professor
UAP



Yang Zhang

Associate Professor
UAP



Raymond Zuniga

Assistant Professor
CPAP

Professors of Practice



Joyce Barr

Professor of Practice,
SPIA



Mary Beth Dunkenberger

Associate Director,
Institute for Policy &
Governance



Jeffrey Glick

Professor of Practice,
SPIA



Thomas Hickock

Professor of Practice,
CPAP



Shelley Mastran

Professor of Practice,
UAP



James Moran

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 and Awards

Faculty and Staff Awards

Ariel Ahram

Certificate for Excellence in Teaching, College of Architecture and Urban Studies (CAUS)

Leigh Bower

CAUS Outstanding Administrative and Professional Staff Award

Leslie Day

Elizabeth Roberson Staff Excellence Award

Steve Hankey

CAUS Certificate for Excellence in Scholarship (with Graduate School)

Tim Luke

Pufendorf Institute Visiting Research Fellowship, Pufendorf Institute of Advanced Studies, Lund University, Lund, Sweden

Todd Schenk

CAUS Certificate for Excellence in Outreach Award
Aspire! Award, Civility category

Thomas Skuzinski

University Teaching Excellence Award

Alumni and Student Awards

Nick Armitage (Smart and Sustainable Cities and Landscape Architecture)

2020 Phi Kappa Phi Medallion Award

Nicole Benincasa (UAP alumna)

CAUS Outstanding Recent Alumni

Mahtot Gebresselassie (Ph.D. Candidate, PGG)

American Public Transportation Foundation's (APTF) Americans with Disabilities Act (ADA) 25th Anniversary Scholarship

Xavier Harmony (Ph.D. student, PGG)

American Public Transportation Foundation's James "Jim" Cowen Scholarship

Sabith Khan (PGG alumni)

Virginia A. Hodgkinson Research Book Prize, Association for Research on Nonprofit Organizations and Voluntary Action

Huyen Le (PGG alumni)

CAUS Outstanding Dissertation Award

Ceara Rudd (Environmental Planning and Policy major)

CAUS Phi Kappa Phi medallion

Marco W. Viola (Public and Urban Affairs)

Inducted to Phi Beta Kappa (the nation's oldest and most widely known honor society)

Kristin Rader Owen (MURP, 2014)

FEMA's 2019 Innovation/Project Award

Shahidur Rashid Talukdar (PhD candidate, CPAP)

Best Student Paper Award at the annual meeting of the Northeast Conference on Public Administration

School Award

SPIA received the 2020 Virginia Tech Exemplary Department or Program Award for the theme of developing and sustaining effective approaches to teaching with a global perspective at the graduate or undergraduate levels (12/31/2020)



FUNDED RESEARCH

David Bieri

The August Lösch (1906-1945) Online Archive, VT Kellogg Center for Philosophy, Politics & Economics. Amount: \$2,800, Principal Investigator, 12/01/2020 - 08/31/2021.

Mary Beth Dunkenberger

Studies to Advance Recovery Supports in Central Appalachia (STARS), NIH Drug Abuse and Addiction Research Programs, With East Tennessee State University and Fralin Biomedical Research Institute. Subaward Amount: \$13,254 (per year), Co-Investigator, 07/01/2020 - 04/30/2025.

Mary Beth Dunkenberger and Liz Allen

Mount Rogers Community Services Certified Community Behavioral Health Clinic, Substance Abuse Mental Health Service Agency. Amount: \$134,368, Principal Investigator, 06/01/2020 - 04/30/2022.

New River Valley Certified Community Behavioral Health Clinic Years 3-4, Substance Abuse Mental Health Service Agency. Amount: \$373,262, Principal Investigator, 06/01/2020 - 04/30/2022.

Mary Beth Dunkenberger and Lara Nagle

Medication Assisted Treatment in Detention Center and Drug Court Environments, Substance Abuse Mental Health Service Agency via Virginia Higher Education Opioid Consortium. Sub Award Amount: \$34,353, Co-Principal Investigators, 04/15/2020 - 09/30/2020.

New River Valley Drug Court Impact Research, Substance Abuse Mental Health Service Agency via Virginia Higher Education Opioid Consortium. Sub Award Amount: \$57,477, Co-Principal Investigators, 02/15/2020

-09/30/2020

Ralph Hall

Exploring the Use of Blockchain Technology to Promote the Production and Consumption of African Indigenous Vegetables in Western Kenya, Purdue University, US Agency for International Development. Amount: \$104,152, Principal Investigators: Agnew Jessica L (75%), Hall Ralph P (25%), 7/1/2020-6/30/2021.

Steve Hankey

Built Environment Assessment through Computer vision (BEACON): Applying Deep Learning to Street-Level and Satellite Images to Estimate Built Environment Effects on Cardiovascular Health, National Institutes of Health. Share to VT: \$599,774, VT Principal Investigator (Lead is Harvard).

Leisha LaRiviere

Agricultural Worker Mental Health Prevention and Wellness Initiative, National Hispanic

Latino Mental Health Technology Transfer Center. Amount: \$14,500, Principal Investigator, 10/01/2020-04/30/2021.

Robin Lemaire

FOCUS on Prevention: Improving quality of life by focusing on rural neighborhoods, Center for Peace Studies and Violence Prevention. Amount: \$8,000, Principal Investigators: Sedgwick D; Wenzel S; Baker C, 07/01/2020.

Theo Lim

Mapping Urban Heat Islands with UAVs, GO Virginia Developing a Destination for Talent Initiative. Amount: \$5,000, 11/15/2020 - 06/01/2021.

Shalini Misra

Digital Mind: Thinking in an Age of Fleeting Attention, Center for Digital Humanities Summer Research Award. Amount: \$4,000, Principal Investigator.

Grant from the Virginia Tech Provost's Office to host and co-Chair (with Anne Khademian) the 2021 International Science of Team Science Conference in Arlington, VA. Amount: \$45,000.

Shalini Misra and Kris Wernstedt

Distancing and Digital Information in the Face of COVID-19, National Science Foundation RAPID Response Grant. Amount: \$98,285, Co-PI.

Distancing and Digital Information Brew in the Face of Coronavirus, Institute for Society, Culture, and Environment, Virginia Tech. Amount: \$7,500, Co-PI.

Checking (It) Out from Georgia to Maine: Risk, Resource Management, and Social Informatics on the Appalachian Trail, Institute for Society, Culture, and Environment, Virginia Tech. Amount: \$30,000, Co-PI with (McCrickard, Harden, & Marion).

David Moore

Total Action for Progress SwiftStart Administration Extension. Amount \$87,219, Principal Investigator, 7/1/2020 - 6/30/2021.

Melony A. Price-Rhodes

Federal Reimbursement Unit (FRU), Fairfax County Department of Health and Human Services. Amount \$575,008, Principal Investigator, 7/1/2020 - 6/30/2021.

Patrick Roberts and Shalini Misra

CONVERGE Working Group grant on Technology, Policy, and the Public Sector in the COVID-19 Environment, National Science Foundation-funded Social Science Extreme Events Research (SSEER) Network. Amount: \$1,000.

Todd Schenk

Collaborative Research: GCR: Common Pool Resource Theory as a Scalable Framework for Catalyzing Stakeholder-Driven Solutions to the Freshwater Salinization Syndrome, National Science Foundation. Amount \$2,047,434, Principal Investigators: Grant S; Schenk T; Rippey M; Hotchkiss E; Edwards M, 09/01/2020.

CNH2-S: Scrambled responsibilities - species conservation and collaborative governance in an era of global change, National Science Foundation. Amount: \$169,666, Principal Investigator.

Sustainable Renewable Energy & Agrovoltatics Development Proposal, Center for Coastal Studies SEED Grant. Amount: \$14,500, Principal Investigators: Meyers R; Fike J; Ford WM; Ignosh J; Klopfer S; Schenk T; van Senten J, 07/31/2020

Creativity, Arts & Technology to Build Civility, Institute for Creativity, Arts, and Technology (ICAT). Amount: \$24,904, Principal Investigators: Leonard R; Jones T; Surmanek C; Wood T, 07/01/2020-05/31/2021.

Virginia Tech Invasive Species Working Group, Fralin Life Sciences Institute. Amount: \$246,000, Principal Investigators: Barney J; Haak D; Salom S; Schenk T; Brown B; Lakoba V, 12/01/2020 - 12/31/2022.

Stephanie Smith

Civil Society Priorities and their Measurement, Institute for Society, Culture and Environment. Amount: \$22,984, Principal Investigator, 08/10/2020 - 12/17/2021.



Publications

Books or Monographs

Ariel Ahram

War and Conflict in the Middle East and North Africa (Cambridge: Polity Press, 2020).

Timothy Luke

Screens of Power: Ideology, Domination, and Resistance in Informational Society (Candor, NY: Telos Press, 2020).

Shalini Misra and Gaetano R. Lotrecchiano, eds.

Communication in Transdisciplinary Teams (Santa Rosa, CA: Informing Science Press, 2020).

Book Chapters

Ariel Ahram

Ahram A. "Rebel Oil Companies and Wartime Economic Governance in MENA." In *Revisiting natural resources in the Middle East and North Africa*. European University Institute, Florence, Italy, 2020.

David Bieri

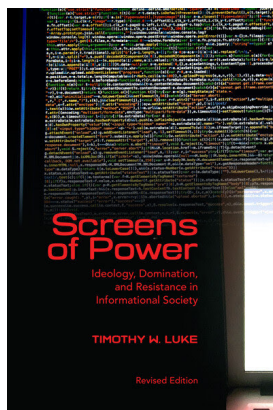
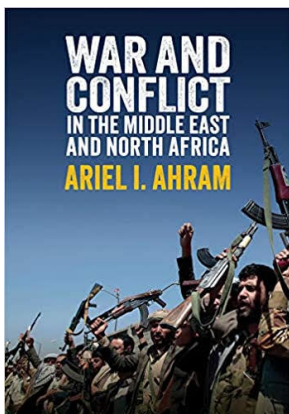
"Das Geld im Raum: August Löschs Geldtheorie und ihre Bedeutung für regionalökonomische Verteilungsfragen." In V. Caspari (Ed.), *Studien zur Entwicklung der ökonomischen Theorie* (Vol. 115). Berlin, Germany: Duncker and Humblot, 2020, pp. 9-64.

Mehrzad Boroujerdi

Boroujerdi, M. "Rethinking the Legacy of Intellectual-Statesmen in Iran." In R. Jahanbegloo (Ed.), *Mapping the Role of Intellectuals in Iranian Modern and Contemporary History*. Lanham, MD: Lexington Books, 2020, pp. 111-127.

Maggie Cowell

"Policy and Governance Issues Critical to Supporting Regional Economic Resilience." In G. Bristow, & A. Healy (Eds.), *Handbook on Regional Economic Resilience*. Edward Elgar, 2020.



Robin Lemaire

Lemaire, R., & Raab, J. "Social network analysis and dynamic network analysis." In Joris Voets, Robyn Keast, Christopher Koliba (eds.) *Researching Networks and Collaboration in the Public Sector: Essential Research Approaches, Methodologies, and Analytic Tools*. Routledge, 2020.

Timothy W. Luke

Timothy Luke, "Climate Change and Decarbonization: The Politics of Delusion, Delay and Destruction in Ecopragmatic Energy Extractivism." In Robert E. Kirsch (ed.), *Limits to Terrestrial Extraction*. New York: Routledge, 2020, pp. 25–53.

Timothy W. Luke, "Discourses and Meanings of "The Environment." In Simin Davoudi, Richard Cowell, Iain White, and Hilda Blanco (eds.), *The Routledge Companion to Environmental Planning*. London, England: Routledge, 2020, pp. 32–42.

Timothy W. Luke, "Las Vegas as the Anthropocene: The Neoliberal City as Desertification All the Way Down." In Harry F. Dahms. Bingley (ed.), *The Challenge of Progress: Theory Between Critique and Ideology, Current Perspectives in Social Theory* Ver. 36. UK: Emerald Publishing Limited, 2020, 159-178.

Eric Malczewski

Malczewski, E. "Iconic nature, material symbolism, and American nationalism: Thomas Moran and a vista on Yellowstone." In *Research Handbook on Nationalism*. Edward Elgar Publishing, 2020, pp. 137-147.

Shalini Misra

Klein, J. T., Misra, S., & Lotrecchiano, G. "Introduction: Communication in inter- and trans-disciplinary teams." In G. Lotrecchiano & Misra. S (Eds). *Communication in transdisciplinary teams*. Informing Science Institute: Santa Rosa, CA, 2020, pp. 1-17.

Lotrecchiano, G. & Misra, S. "Transdisciplinary knowledge producing teams: Team processes, knowledge, skills, and

competencies." In G. Lotrecchiano & Misra. S (Eds). *Communication in transdisciplinary teams*. Informing Science Institute: Santa Rosa, CA, 2020, pp. 19-54.

Trivedi, C. & Misra, S. "Communicative processes in trans-sector transdisciplinary collaborations." In G. Lotrecchiano & Misra. S (Eds). *Communication in transdisciplinary teams*. Informing Science Institute: Santa Rosa, CA, 2020, pp. 91-121.

Stokols, D. Misra, S., & Lotrecchiano, G. "Emerging directions in the Science of Team Science: An interview with Professor Daniel Stokols." In G. Lotrecchiano & Misra. S (Eds). *Communication in transdisciplinary teams*. Informing Science Institute: Santa Rosa, CA, 2020, pp. 309-327.

Patrick Roberts

Roberts, P. "Regime Values in Disaster Management." In N. M. Elias, & A. M. Olejarski (Eds.), *Ethics for Contemporary Bureaucrats: Navigating Constitutional Crossroads*. Routledge, 2020, pp. 34-42.

Thomas Sanchez

Sanchez, Thomas W., Sadegh Sabouri, Keunhyun Park, and Junsik Kim. "Planning Data and Analysis." In Reid Ewing (Ed.), *Basic Quantitative Research Methods for Urban Planners*. New York, NY: Routledge, 2020.

Todd Schenk

Schenk, T. "4.4 Expert Comments." In *Larry Susskind Action-Reflection-Adaptation-Public Learning: Excerpts from the Life of a Pracademic*. Association of European Schools of Planning (AESOP), 2020.

Meyers, R., Miller, P., Schenk, T., Hirsh, R., Marathe, A., Seth, A., . . . Ozturk Sari, S. "A Framework for Sustainable Siting of Wind Energy Facilities: Economic, Social, and Environmental Factors." In J. B. Jacquet, J. H. Haggerty, & G. L. Theodori (eds.), *Energy Impacts A Multidisciplinary Exploration of North American Energy Development*. Louisville, CO: University Press of Colorado, 2020, pp. 315-348.

Max Stephenson

"Corporatism." In A. List, Helmut K. Anheier and Stefan Toepler (eds.), *International Encyclopedia of Civil Society*, 2nded. New York: Springer Publishing Company, 2020.

"NGOS in International Humanitarian Relief." In Regina A. List, Helmut K. Anheier and Stefan Toepler (eds.), *International Encyclopedia of Civil Society*, 2nded. New York: Springer Publishing Company, 2020

Journal Articles

Ariel Ahram

Revkin MR; Ahram AI. (2020). "Perspectives on the rebel social contract: Exit, voice, and loyalty in the Islamic State in Iraq and Syria," *World Development*, 132.

Sil R; Ahram AI. (2020). "Comparative Area Studies and the Study of the Global South. Vestnik RUDN. *International Relations* 20 (2).

Ralph Buehler

Buehler, R., & Pucher, J. (2020). "The growing gap in pedestrian and cyclist fatality rates between the United States and the United Kingdom, Germany, Denmark, and the Netherlands, 1990–2018," *Transport Review* 41 (1): 48-72.

Buehler, R., Pucher, J., & Bauman, A. (2020). "Physical activity from walking and cycling for daily travel in the United States, 2001-2017: Demographic, socioeconomic, and geographic variation," *Journal of Transport & Health* 16.

Ralph Buehler and Steve Hankey

Le H; Buehler R; Fan Y; Hankey S. (2020). "Expanding the positive utility of travel through weeklong tracking: Within-person and multi-environment variability of ideal travel time," *Journal of Transport Geography*.

Maggie Cowell

Cowell, M., Eckerd, A., & Smart, H. (2020). "The Rural Identity and the Encroaching City: Governance, Policy and Development in Northern Virginia's Wine Country," *Growth and Change: A Journal of Urban and Regional Policy*.

Ralph Hall

Gupta K; Zhang W; Hall R. (2020). "Risk priorities and their co-occurrences in smart city project implementation: Evidence from India's Smart Cities Mission (SCM)," *Environment and Planning B: Urban Analytics and City Science*.

Gupta K; Hall R. (2020), "Understanding the What, Why, and How of Becoming a Smart City: Experiences from Kakinada and Kanpur," *Smart Cities* 3(2): 232-247.

GC R; Hall R. (2020). "The Commercialization of Smallholder Farming - A Case Study from the Rural Western Middle Hills of Nepal," *Agriculture* 10 (143): 1-17.

Holm RH; Hall R; Muthukrishnan S; Munthali T; Sinda M. (2020). "Promoting multiple-use water services by leveraging existing rural water supply and smallholder farmer groups, Malawi," *International Journal of Water Resources Development* 37 (2): 321-338.

Ashford N; Hall R; Arango-Quiroga J; Metaxas KA; Showalter AL. (2020). "Addressing Inequality: The First Step Beyond COVID-19 and Towards Sustainability," *Sustainability* 12 (5404).

Gupta K; Hall RP. (2020). "Exploring Smart City Project Implementation Risks in the Cities of Kakinada and Kanpur," *Journal of Urban Technology* : 155-173



Steve Hankey

Kim S-Y; Bechle M; Hankey S; Sheppard L; Szpiro A; Marshall J. (2020). "Concentrations of criteria pollutants in the contiguous U.S., 1979 – 2015: Role of prediction model parsimony in integrated empirical geographic regression," *PLOS One*.

Demuzere M; Hankey S; Mills G; Zhang W; Lu T; Bechtel B. (2020). "Combining expert and crowd-sourced training data to map urban form and functions for the continental US," *Scientific Data*, 7 (1).

Steve Hankey and Todd Schenk

Yeganeh A; McCoy AP; Reichard G; Schenk T; Hankey S. (2020). "Green building and policy innovation in the US Low-Income Housing Tax Credit programme," *Building Research and Information*.

Karen Hult

Hult, Karen; David B. Cohen (2020). "The Office of the Chief of Staff in the Trump White House, 2017-2019," *Presidential Studies Quarterly* 50 (June): 392-417.

Hult, Karen; Ketsusing, N.; Premasathira, S.; Hodgson, J.; Ragan, V. (2020). "Development of an Evaluative Framework and Assessment Tools to Assess the Foot and Mouth Disease Control Policies and their Implementation in the Proposed FMD-Free Zone in Thailand," *Scientific and Technical Review*

(of World Organization for Animal Health).

Laura Jensen

Jensen L; Ingram LM. (2020). "The Utility of Narrative Voices in the Federal Procurement Contract," *Journal of Strategic Contracting and Negotiation* 4 (1-2): 58-74.

Jensen L; Scarpa A; Gracanin D; Ramey SL; Dahiya-Singh AV; Ingram LM; Albright J; Gatto A; Scott JP; Ruble LA (2020). "Access to Autism Spectrum Disorder Services for Rural Citizens," *Journal of Appalachian Health* 2 (1): 25-40.

Jensen L; Sedgwick DA (2020). "Path Dependency and the Roots of Interorganizational Relationship Challenges," *Perspectives on Public Management and Governance*.

Sara Jordan (Affiliated Faculty)

Jordan, S.; Fenn, S.; Shannon, B.B. (2020). "Transparency as Threat at the Intersection of Artificial Intelligence and Cyberbiosecurity," *Computer* 53 (10) (October).

Robin Lemaire

Rincón-Gallardo P S; Zhou M; Da Silva Gomes F; Lemaire R; Hedrick V; Serrano E; Kraak VI. (2020). "Effects of Menu Labeling Policies on Transnational Restaurant Chains to Promote a Healthy Diet: A Scoping Review to Inform Policy and Research," *Nutrients*, 12 (6).

Theo Lim

Hoover, F. A., & Lim, T. C. (2020). "Examining privilege and power in US urban parks and open space during the double crises of antiblack racism and COVID-19," *Socio-Ecological Practice Research* 3:55–70.

Hsu, D., Lim, T. C., & Meng, T. (2020). "Rocky steps towards adaptive management and adaptive governance in implementing green infrastructure at urban scale in Philadelphia," *Urban Forestry & Urban Greening* 55.

Tim Luke

Timothy W. Luke (2020). "The Dawn of the COVID-19 Pandemic: The Administration of Fear and Fear of Administration in the United States," *Telos: Critical Theory of the Contemporary* 191 (Summer): 187-191.

Timothy W. Luke (2020). "Social Crises, Political Conflicts, and Cultural Contradictions of Nixonland: Tracing the Constitutional Crisis in the USA from Nixon to Trump," *Fast Capitalism*, 17 (1) (August).

Timothy W. Luke (2020). "America's Continuing Current Crisis: The Matter of Black Lives," *New Political Science* 42(3): 425-430.

Timothy W. Luke (2020). "The Gun Sanctuary Movement:

Pistol-Packing Preppers or Passionate Peaceful Populism," *Telos: Critical Theory of the Contemporary* 190 (Spring): 185-191.

Timothy W. Luke (2020), "Tracing Race, Ethnicity, and Civilization in the Anthropocene." *Environment and Planning D: Society and Space*, 38 (1) (February): 129–46.

Shalini Misra and Patrick Roberts

Misra, S., Roberts, P., & Rhodes, M. (2020). "Information overload, stress, and emergency managerial thinking and decision-making," *International Journal of Disaster Risk Reduction* 51(December), 101762.

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Patrick Roberts and Matt Dull

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Stephanie Smith

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Max Stephenson

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Kris Wernstedt and Patrick Roberts

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Yang Zhang

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Raymond Zuniga

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Stephanie Davis

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Journal Editorship

SPIA faculty currently serve on the editorial boards of the following academic journals:

Administration & Society (Brian Cook, Karen Hult and Laura Jensen)

American Review of Public Administration (Patrick Roberts)

Athens Journal of Social Sciences (Max Stephenson)

Congress & the Presidency (Karen Hult)

Environmental Health Perspectives (Steve Hankey as member of editorial review board)

Europe and the World Book Series, Lexington Books (Joel Peters, Co-editor)

Fast Capitalism (Time Luke, Co-editor)

Housing Policy Debate (David Bieri; Tom Sanchez as

Editor-in-chief (2010-2021)

International Journal of Sustainable Transport (Ralph Buehler)

Iran: Journal of the British Institute of Persian Studies (Mehrzad Boroujerdi)

Iranian Studies (Mehrzad Boroujerdi)

Journal of Collaborative Healthcare and Translational Medicine (Shalini Misra)

Journal of Transport and Land Use (Ralph Buehler)

Land (Tom Sanchez)

New Political Science (Tim Luke, Associate Editor)

Opolis (Tom Sanchez)

Policy Studies Journal (Laura Jensen)

Presidential Studies Quarterly (Karen Hult)

Review of Evolutionary Political Economy (Giselle Datz as the Associate Editor)

Rhetoric & Public Affairs (Karen Hult)

Risk, Hazards & Crisis in Public Policy (Patrick Roberts)

Urban Affairs Review (Maggie Cowell)

Urban and Regional Resilience eJournal (David Bieri,

editor/curator)

Sustainability (Max Stephenson)

Telos Press Publishing (Tim Luke, Book Line Editor)

Transport Reviews (Ralph Buehler as Book Review Editor)

Transportation Research Part-D (Ralph Buehler)

Transportation Research Record (Ralph Buehler as Associate Editor)

Urban Findings (Tom Sanchez on Editorial Advisory Board)

Urban Planning (Tom Sanchez)

Urban Science (Tom Sanchez)

Conference Presentations

Ralph Buehler

Transportation Research Board; Association of Collegiate Schools of Planning

Maggie Cowell

Association of Collegiate Schools of Planning; Urban Affairs Association

Stephanie Davis

International City/County Management Association



Ralph Hall

Transportation Research Board

Steve Hankey

Association of Collegiate Schools of Planning; International Society of Environmental Epidemiology; European Geosciences Union; Transportation Research Board

Karen Hult

American Political Science Association; Western Political Science Association; Midwest Political Science Association

Robin Lemaire

American Political Science Association; American Public Health Association

Theo Lim

Association of Collegiate Schools of Planning

Tim Luke

Western Political Science Association; American Political Science Association; Lee Kuan Yew School of Public Policy, National University of Singapore; Pufendorf Institute for Advanced Study, Lund University (Sweden)

Joe Rees

Law and Society Association

Patrick Roberts

American Political Science Association; Association for Public Policy Analysis and Management

Todd Schenk

Association of Collegiate Schools of Planning; Ecological Society of America

Stephanie Smith

American Political Science Association; Association for Research on Nonprofit Organizations and Voluntary Action

Gerard Toal

Association for Slavic, East European, & Eurasian Studies

Yang Zhang

Association of Collegiate Schools of Planning; Natural Hazards Researchers

Raymond Zuniga

Association for Public Policy Analysis and Management



Graduating Students

Ph.D., Planning, Governance, and Globalization

Jalal, Pishtiwan Abdulwahid, "Sectarianism in Kurdistan Region of Iraq Between Political and Theological Schism" (Spring 2020).

Karle, Joseph Bernard, "No Half Measures Power Vacuums and Military Occupations" (Spring 2020).

Lu, Tianjun, "New Opportunities in Crowd-Sourced Monitoring and Non-government Data Mining for Developing Urban Air Quality Models in the US" (Spring 2020).

McFarland, Christiana K., "Intra-Regional Economic Connectivity: The Role of Industry Clusters in Bridging the Urban-Rural Divide" (Spring 2020).

Miller, Allison Denise, "Preventing Community Violence: A Case Study of Metro Detroit and Interfaith Activism" (Spring 2020).

Moayerian, Neda, "Exploring the Connections between Community Cultural Development and Sustainable Tourism in Central Appalachia" (Spring 2020).

Seymour, Sezaneh Momeni, "What Factors are Associated with Multilateral Environmental Agreement Noncompliance, and can Agreement Provisions be Designed to Mitigate them?" (Spring 2020).

Agnew, Jessica L., "Buying to Thrive: Exploring the Potential for Market-Based Approaches to Contribute to Increases in Diet Diversity in Mozambique" (Summer 2020).

Camacho Carvajal, Luis Felipe, "Technology, Participatory Management Practices (PMP), and Dignity at Work: Negotiating the Use of Technology in a Plastics Packaging Firm" (Summer 2020).

White, Daniel M., "Sport and Social Capital: Perceptions of Sport for Development Organization Leaders' in Kigali, Rwanda" (Summer 2020).

Cranwell, Lindy B., "University Comprehensive Internationalization (CI): Faculty Meaning-Making, Motivations, and Perceptions for Engaging Globally" (Fall 2020).

Donahue, Connor Patrick, "Mare Imperium: the Evolution of Freedom of the Seas Discourse in U.S. Foreign Policy" (Fall 2020).

G.C., Raj Kumar, "Exploring the Potential of Multiple Use Water Services for Smallholder Farmers in the Western Middle Hills of Nepal" (Fall 2020).

Merabishvili, Gela, "The Politics of Border Walls in Hungary, Georgia and Israel" (Fall 2020).

Ph.D., Public Administration / Public Affairs

Edwards, Jaime Elizabeth., "Over the River and Through the Woods: Examining the Relationship between Network Structure, Collaboration and Geography" (Spring 2020).

Hopkins, Kathlyn J., "Interagency Working Groups: Allegiances Across Agency Borders" (Spring 2020).

Spencer-Galluci, Jessica Lee. "An Exploration of Inclusive Management Practices: Through the Lenses of Public Managers" (Fall 2020).





Master's Students

*The following students
earned their Master's
degrees in Spring 2020:*

Sarah B. Baron
Anna A. Denny
Samantha M. Dunn
Zane L. Grey
Lucas W. Hodge
Lesley R. Hunley
Alberto E. Jaimes
Matthew H. Jones
Do Young Kim
Emily C. Lafon
Margaret E. Mace
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Mackenzie C. Morris
Amy L. Southall
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Lashawnda Singleton
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Andrew S. Devereaux
Dinah Girma
Laurie C. Henley
Owain James
Jonathon I. Swiderski
Madeline E. Youngren

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earned their Master's
degrees in Fall 2020:*

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Sadie M. Remington-Gilbert
Dennis Bahena
Linda R. Critzer
Elizabeth A. Liebel
Bukhari A.M. Muhamed
Anika Chowdhury

Lynda S. Ramirez-Blust
Alexander C. Wilkerson

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Kathleen Hillis
Elizabeth Hanson
Thomas Lawson
Julie Swann
Lorena Beltran
Kathleen Chesnutt
Kyle Davis
Gabrielle Dean
Dakota Driscoll
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Maja Gabrielson
Lonnie Hamilton
Rose Lewis
Clara Miller
Armi Mosavian
Alice Nelson
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Elizabeth Quill

Mackenzie Rooke
Taylor Rudd
Kathleen Scapis
Marco Viola
Michael Bannon
Margaret Benson
Collin Harrell
Leah Lord
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Julia Sexton
Cayley Byrne
Sara Curry
Bailey Hackley
Ceara Redd
Natalie Serio

*The following students
earned their
Undergraduate degrees in
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Sandrine Janowsky
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