

Penn IUR News

A PENN INSTITUTE FOR URBAN RESEARCH PUBLICATION

FALL 2018 | NO. 28

CONVENING

Perspectives on Fair Housing

THIS SPRING, PENN IUR HOSTED A CONFERENCE TITLED “PERSPECTIVES ON FAIR HOUSING,” which gathered a consortium of scholars and housing experts from the public and private sector to examine the long-run impact of the Fair Housing Act (FHA) on the occasion of its 50th anniversary.

Formally known as Title VIII of the Civil Rights Act of 1968, the FHA was enacted as part of civil rights legislation that aimed to ensure equal access to opportunity for individuals regardless of their race or ethnicity. Certain key components, such as the Affirmatively Furthering Fair Housing (AFFH) rule, are still in the process of being implemented at a national scale.

Held on April 11, 2018, the conference was organized as three panels: Perspectives on Fair Housing as a Policy Priority; Opportunities and Threats to Fair Housing Policies; and Local Action: Making AFFH Happen. Participants reckoned with the historical roots of the FHA, its successes and failures, its current status, and future opportunities for improvement. Each session

was framed by “conversation starters” and punctuated by “breakout discussions,” in which small groups of attendees discussed focused questions before convening as a whole. The interdisciplinary discourse centered around the common goal of enhancing and advancing fair housing today and in the future.

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Participants engage in roundtable discussion at Perspectives on Fair Housing Symposium.

RESEARCH

Penn IUR Showcases Urban Expertise at World Urban Forum

In February 2018, Penn IUR partnered with Perry World House (PWH) and the Kleinman Center for Energy Policy (KCEP) to share Penn faculty expertise on urban issues at the ninth biennial conference of the World Urban Forum (WUF9), the world's premier conference on urban issues, held in Kuala Lumpur, Malaysia. The three centers sent a delegation of nearly a dozen researchers, students, and staff members to WUF9, where they hosted an exhibition booth, lectured on current research, and presented a paper series entitled *Penn: Current Research on Sustainable Urban Development*. Through these efforts, the three centers delivered timely Penn-based scholarship that addresses pressing sustainable urbanization issues to leading policymakers and practitioners across the globe.

A fundamental element of Penn's contribution to the WUF9 conversation, the paper series explored topics central to the implementation of the United Nations' *New Urban Agenda* and its Sustainable Development Goals initiative: governance, energy, urban migration and integration, and planning and land use. The papers were authored by urban-issues experts at Penn, as well as scholars and practitioners affiliated with Penn IUR, KCEP, and PWH. The complete series is available at <http://penniur.upenn.edu/wuf9>.

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Upcoming Events

VISIT PENNIUR.UPENN.EDU/EVENTS FOR DETAILS AND TO REGISTER.

SEPTEMBER 28, 2018

PENN IUR CO-SPONSORED EVENT

CLIMATE CHANGE, RESILIENCE, AND ENVIRONMENTAL JUSTICE IN LATIN AMERICA AND THE CARIBBEAN

SINGH CENTER FOR NANOTECHNOLOGY | 10:00 A.M. - 2:00 P.M.

In partnership with Penn in Latin America and the Caribbean (PLAC), who seeks to promote interaction and collaboration across Penn Schools, we will investigate climate change as it relates to the United Nations' Sustainable Development Goals initiative during this day-long conference. According to the Intergovernmental Panel on Climate Change, the projected mean warming for Latin America to the end of the century ranges from 1 to 4°C. This warming, already experienced through more frequent extreme weather events, has major social, political, economic, environmental, health, and financial implications. We focus on how the region is tackling these complex challenges with resiliency initiatives to overcome catastrophic weather-related events and protect the most vulnerable populations.

OCTOBER 3, 2018

JEREMY NOWAK MEMORIAL LECTURE, THE CITIZEN AND THE CITY: CREATIVE URBAN SOLUTIONS FOR ALL

THE INN AT PENN, THE LIVING ROOM | 3:00 P.M. - 4:30 P.M.

Join Penn IUR for reflection and conversation about pathbreaking social innovator Jeremy Nowak's enduring work. As founder of the Reinvestment Fund, Nowak pioneered the framework of "new localism," coordinated Philadelphia's Neighborhood Transformation Initiative, and championed the financing of community development as a solution for struggling neighborhoods. Integrating public, private, and non-profit expertise to create shared social and financial good, his work serves as a precedent and template for achieving collective urban prosperity. Speakers will include Ira Goldstein, President, Policy Solutions, The Reinvestment Fund; Pat Smith, President and CEO, The Funders Network; and Governor Edward Rendell, who across their respective fields have advanced similar causes with their missions of igniting positive urban growth for the benefit of all.

OCTOBER 18, 2018

PENN IUR COSPONSORED EVENT

BUILDING SMART AND SUSTAINABLE CITIES AND REGIONS: CURRENT TRENDS GLOBALLY, NATIONALLY, AND LOCALLY

CENTER FOR ARCHITECTURE, NEW YORK CITY | 8:00 A.M. - 10:00 A.M.

From transportation to affordable housing to climate resilience, cities across the world are discovering unique ways to become smarter and more sustainable. Join Regional Plan Association and the Consulate General of Sweden for presentations and discussions of current trends and future work. Speakers include Allan Larsson, Chair, Sweden's Viable Cities initiative, a partnership among national and local government, academia, and business to promote research and applications of smart city technologies in transportation and energy efficiency; Richard Voith, Principal and President, Econsult and ESI Thought Lab, currently undertaking a global study of the value of smart-city technologies with input from government, business, and citizens; and John Farmer, Director, Technology and Civic Innovation, Microsoft.

NOVEMBER 16, 2018

PENN IUR COSPONSORED EVENT

2018 MUSA MASTER CLASS FEATURING JAMES CHESHIRE

KLEINMAN FORUM, FISHER FINE ARTS, 4TH FLOOR | 12:00 P.M. - 5:00 P.M.

The 2018 MUSA Master Class sponsored by Socrata is an opportunity for civic technologists and data scientists the world over to come together and learn from an expert in the field. This year's Master Class will be taught by Dr. James Cheshire from University College London. Dr. Cheshire has published multiple books on the intersection of cartography and the social sciences, and has extensive experience designing maps in R. Guests can join the workshop in person at the University of Pennsylvania or through a live webcast. After registering, you will receive a webcast invitation as well as the R Markdown tutorial developed by Dr. Cheshire exclusively for this event. Participants should have some introductory R knowledge. For those able to attend in person, lunch will be served from noon to 1pm. The webcast will begin promptly at 1pm and run until 3pm, during which time Dr. Cheshire will guide us through a data visualization workshop. Afterwards, participants will replicate the tutorial on datasets from across the Socrata network of open data sites, then share their work with the community on social media—hashtag #MusaMasterClass.



Faculty Spotlight: David Grazian



DAVID GRAZIAN, Associate Professor of Sociology and Communication at the University of Pennsylvania, is the Faculty Director of the Penn Urban Studies Program and a Penn IUR Faculty Fellow. He teaches courses on popular culture, mass media, and the arts; cities and urban sociology; social interaction and public behavior; and ethnographic methods. He is the author of four books, including *American Zoo: A Sociological Safari* (Princeton University Press, 2015).

MUCH OF YOUR RESEARCH FOCUSES ON THE PRODUCTION AND CONSUMPTION OF RECREATION, AS WELL THE LABOR ASSOCIATED WITH IT, IN URBAN ENVIRONMENTS. UNDER THAT UMBRELLA, YOU'VE WRITTEN ON EVERYTHING FROM URBAN BLUES CLUBS TO POP CULTURE TO CONTEMPORARY ZOOS. AND NOW YOU ARE EXPLORING LIFE IN THE COWORKING-SPACE ENVIRONMENT. WHAT ARE THE OVERARCHING QUESTIONS THAT YOU ARE TRYING TO ANSWER IN YOUR RESEARCH? WHAT DO YOU HOPE THESE ANSWERS CAN TEACH US?

My overall research agenda emphasizes a general question of culture: How do humans invest the built environment and social landscape of the city with meaning and sentiment? The city is a manmade creation, an accumulation of artifacts of the urban environment—skyscrapers, high-rise apartments, city blocks, sidewalks, food vendors, art galleries, music venues, public parks and gardens, street festivals, schools, and subway tracks—that coalesce into residential neighborhoods, business districts, entertainment zones, skid rows, and slums. Urban culture represents a process through which people—both cultural creators (like architects, city planners, and artists) and ordinary urban inhabitants and consumers (whether young and old residents, commuting workers, or tourists)—use human intellect, creativity, and imagination to transform city spaces into meaningful places.

My specific research interests concern how diverse groups of people incorporate urban places into the cultural texture of their everyday lives. For instance, in Chicago, blues clubs and zoos are not only considered recreational venues and tourist attractions, but also neighborhood hangouts, community institutions, professional workplaces, laboratories of creativity, and settings of human sociability and public life. By exploring and understanding sociocultural processes of meaning-making and interaction in the city, my aim is twofold, if seemingly contradictory: (1) to demystify the magic commonly attributed to cities

as a product of cultural imagination and collective behavior, but also (2) to use the tools of cultural and urban sociology to explain why so many of us—myself included—find cities so enchanting in the first place.

CAN YOU EXPLAIN THE MAJOR METHODS YOU USE TO CONDUCT YOUR RESEARCH? HAVE THE ENORMOUS CHANGES IN COMMUNICATION PLATFORMS AND SOCIAL MEDIA OVER THE LAST 15 YEARS ALTERED YOUR APPROACH?

My primary research method is known in the social sciences as ethnographic fieldwork, or participant observation. For example, for my last book *American Zoo*, I conducted immersive and participatory ethnographic fieldwork in my role as a volunteer zookeeper and educator for two different zoos, with my time divided between manual zoo work (mostly preparing animal diets and cleaning zoo enclosures) and handling animals during encounters with the public. While on the job I jotted down notes, recorded voice memos, and took photographs, while offsite I wrote thousands of pages of detailed fieldnotes documenting my observations and reflections.

YOU ARE THE AUTHOR OF FOUR BOOKS, WHICH COVER A WIDE RANGE OF TOPICS: *BLUE CHICAGO: THE SEARCH FOR AUTHENTICITY IN URBAN BLUES CLUBS* (UNIVERSITY OF CHICAGO PRESS, 2003), *ON THE MAKE: THE HUSTLE OF URBAN NIGHTLIFE* (UNIVERSITY OF CHICAGO PRESS, 2008), *MIX IT UP: POPULAR CULTURE, MASS MEDIA, AND SOCIETY* (W.W. NORTON, 2010, 2017), AND *AMERICAN ZOO*. HOW DO YOU CHOOSE YOUR SUBJECT MATTER?

I am drawn to places in cities that are simultaneously familiar yet bewilderingly strange. For instance, in some ways American zoos are quite ordinary—they are among the most popular tourist destinations in the United States, with some attracting millions of visitors a year, especially families with young children. Yet their very existence makes no sense—

they are places where African lions, Asian tigers, Arctic polar bears, and Antarctic penguins all live in proximity to one another (an impossibility in nature), and then amidst metropolitan office towers, baseball stadiums, yellow taxis, pizzerias, and delis. The intense schizophrenia of urban places like zoos offers not only a high enough level of cultural complexity to activate my mental curiosity as a sociologist, but also enough stimulation to keep me interested as a human being.

IN YOUR MOST RECENT BOOK, *AMERICAN ZOO*, YOU DESCRIBE THE MANY CONTRADICTIONS AND WONDERS OF THE CONTEMPORARY URBAN ZOO. YOU ALSO SHED LIGHT ON THE LIFE OF THE AVERAGE ZOOKEEPER, DOCUMENTING YOUR EXPERIENCE IN THIS ROLE. IN THE CONTEXT OF OUR RAPIDLY URBANIZING WORLD, WHAT CAN THE ZOO TEACH US ABOUT THE EVOLVING RELATIONSHIP BETWEEN HUMANS AND THE NATURAL WORLD?

Of all urban attractions, zoos best reflect how humans construct the natural world, both literally and figuratively. Their meticulously organized animal collections, entertaining 4D movies, and staged wildlife encounters provide a fitting model for how our society distills the chaos of the outdoors into legible representations of collective meaning that project our shared prejudices as well as our common desires. Of course, their captive cages are also monuments to human domination and folly, a reminder of the irrevocable impact we have had on the planet in the wake of the climate change crisis. But perhaps for this reason, the teachable moments zoos provide for their cities are infinite. Take the Philadelphia Zoo's conservation programming: By emphasizing how the fossil fuels we use here at Penn and elsewhere in the city impact ecological habitats around the world, the Philly Zoo teaches children and adults alike about the global interconnectivity of the natural environment.

(CONTINUED ON P. 17)

INSTRUCTION

Penn IUR Launches Fellows in Urban Leadership Program

Announced in April 2018, the Fellows in Urban Leadership program provides a competitively selected cohort of Penn undergraduates with the opportunity to engage with and learn from high-level local and regional urban leaders drawn from government, business, and civil society. Penn IUR's new program gives outstanding Penn undergraduates the opportunity to learn from leaders about what it takes to develop sustainable, productive, and inclusive cities.

The program provides students with a unique opportunity to understand cities, what it takes to run them, and how to be active contributors to their communities in whatever careers they choose to pursue. According to Susan Wachter, Penn IUR Co-Director, "the expectation is that the program will encourage Penn students to be leaders."

"Our cities need the best and brightest leaders—both in the public and private sectors," said Penn IUR Co-Director Eugénie Birch. "The Fellows in Urban Leadership program offers undergraduates a unique chance to see and hear what it takes to be an urban leader."

The Penn IUR Fellows in Urban Leadership will engage with local leaders from September to May, beginning with an orientation session led by the Penn IUR co-directors and members of the Penn IUR Advisory Board. Following the orientation, they will participate in seven off-the-record meetings with individual leaders drawn from the public, private, and civil society sectors. At the program's final meeting, the Fellows will share their reflections on the experience. In addition, the Fellows will be invited to attend Penn IUR Advisory Board meetings where they will receive additional

informal mentoring from board members with mutual interests.

"As a long-time urbanist, I appreciate Penn IUR's work engaging our faculty and students interested in urban-focused research and practice," said Provost Wendell Pritchett. "I am excited that this new Undergraduate Fellows program will offer students a unique opportunity to study urban leadership and to learn, first-hand, what it takes to build inclusive and sustainable cities now and in the future."

The program is open to rising juniors and seniors. Outstanding rising sophomores may also apply. Penn IUR developed and promoted the Fellows program in 2017–2018. The first cohort, listed below, began meeting in 2018–2019.

SABRINA APONTE, Senior, School of Arts and Sciences

AMRAJAN BROWN, Senior, The Wharton School

MONTELL BROWN, Senior, School of Arts and Sciences

CAROL CHEN, Senior, The Wharton School

LUCY CORLETT, Junior, School of Arts and Sciences

JOEL FONSECA, Senior, The Wharton School

ELANA FORTSON, Junior, The Wharton School

CAROLYNNE LIU, Junior, School of Arts and Sciences

JONATHAN LORENZO, Senior, School of Arts and Sciences

PRAKASH MISHRA, Senior, School of Engineering and Applied Sciences, The Wharton School

YAREQZY MUNOZ, Junior, School of Arts and Sciences

KEVIN MYERS, Senior, School of Arts and Sciences

RACHEL POMERANTZ, Senior, School of Arts and Sciences

ELISE REYNOLDS, Senior, School of Arts and Sciences

DAVID ZHAO, Senior, School of Arts and Sciences



The inaugural class of Penn IUR Fellows in Urban Leadership. Top row, from left: Sabrina Aponte, Amrajan Aujla, Montell Brown, Carol Chen, Lucy Corlett. Middle row, from left: Joel Fonseca, Elana Fortson, Carolynne Liu, Jonathan Delgadillo Lorenzo, Prakash Mishra. Bottom row, from left: Yareqzy Munoz, Kevin Myers, Rachel Pomerantz, Elise Reynolds, David Zhao.

CONVENING

Penn IUR's Urban Book Talks

In the winter and spring of 2018, Penn IUR presented three urban book talks: Mayor Michael Nutter on *Mayor: The Best Job in Politics*; Erick Guerra on *Beyond Mobility: Planning Cities for People and Places*; and Patrick Sharkey on *Uneasy Peace: The Great Crime Decline, the Renewal of City Life, and the Next War on Violence*.

Mayor Michael Nutter on *Mayor: The Best Job in Politics*

On March 27, Penn IUR, Penn's School of Social Policy and Practice (SP2), and Penn Press hosted a conversation with Michael Nutter, former Mayor of Philadelphia and Senior SP2 Executive Fellow at Penn IUR. Moderated by University of Pennsylvania Provost and Penn IUR Faculty Fellow Wendell Pritchett, the discussion focused on Mayor Nutter's new book, *Mayor: The Best Job in Politics*, published by Penn Press as part of the Penn Press/Penn IUR City in the 21st Century book series.

Nutter, who became the 98th mayor of his hometown of Philadelphia in 2007, shared his experiences as a student at Penn—where he switched courses of study from chemistry to engineering before finally finding a good academic fit at Wharton—and as a young graduate working for Philadelphia Councilman John C. Anderson, who became his mentor. Nutter also shared his experiences running for office and offered insights into the ins-and-outs of running a municipal government. During the question-and-answer period following his talk, Nutter offered anecdotes and advice; his answers highlighted proud moments, tough decisions, and mistakes. A mission of shared prosperity and the eventual elimination of poverty will be the legacy of his and his successors' leadership efforts.

Erick Guerra on *Beyond Mobility: Planning Cities for People and Places*

On March 14, Penn IUR and the Department of City and Regional Planning, School of Design, celebrated the launch of *Beyond Mobility: Planning Cities for People and Places* by Penn IUR Faculty Fellows Erick Guerra and Stefan Al and Penn IUR Scholar Robert Cervero. At the event, Erick Guerra discussed the central argument of the

book: City planners need to prioritize the needs and aspirations of people and the creation of great places, rather than designing cities with the primary goal of moving people around quickly.

Guerra argued that cities should focus on building better communities through design that promotes traffic safety, social networks, and physical activity; healthier environments that minimize localized pollution and greenhouse gas emissions; and better economies that promote land values, productivity, and infrastructure. Policymakers and planners must rethink how projects are planned and designed in cities and suburbs at multiple geographic scales, including micro-designs (parklets), corridors (such as road diets), and city-regions (such as urban-growth boundaries). By considering various perspectives and taking a creative approach, Guerra argued for a more holistic and socially inclusive approach to transit-oriented design.

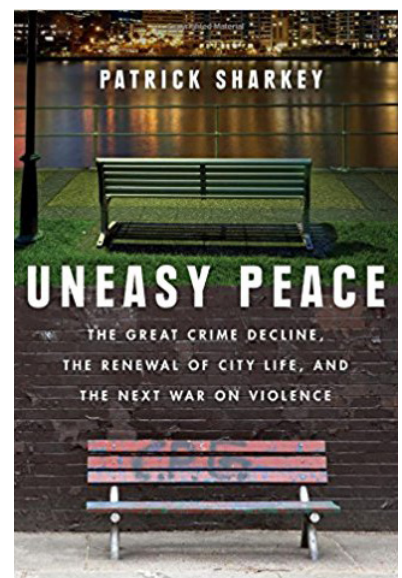
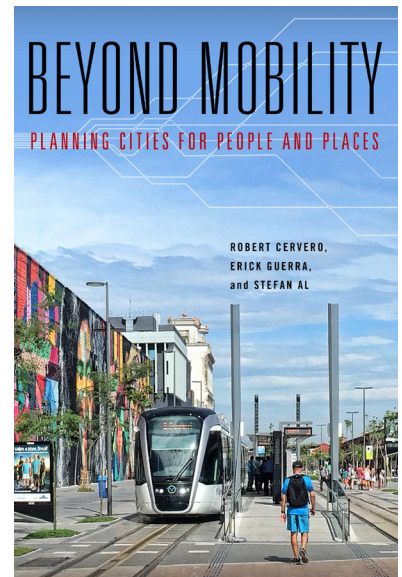
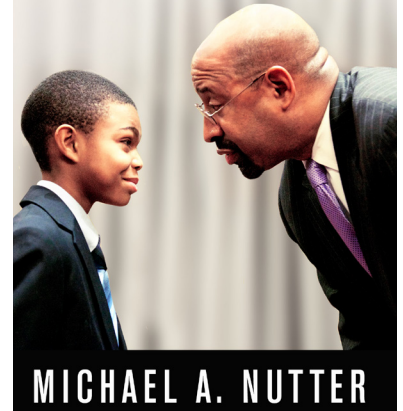
Patrick Sharkey on *Uneasy Peace*

On January 29, Penn IUR and the Penn Department of Criminology hosted an urban book talk with Patrick Sharkey, Professor and Chair of the Department of Sociology, New York University, in a discussion of his newest book, *Uneasy Peace: The Great Crime Decline, the Renewal of City Life, and the Next War on Violence* (W.W. Norton, 2018). The talk was moderated by Penn IUR Faculty Fellow John MacDonald, Professor of Criminology and Sociology, and Penny and Robert A. Fox Faculty Director of the Fels Institute of Government.

Sharkey's talk explored the positive and negative forces that have resulted in decreased urban violence and crime, including everything from aggressive policing and mass incarceration to the intensive efforts made by local organizations to confront violence in their own communities. Sharkey cited case studies in neighborhoods such as Harlem and South Los Angeles, and drew on original data and textured accounts of neighborhoods across the country in order to document the most successful strategies for combating violent crime.

MAYOR

The Best Job in Politics



CONVENING

Sensing the City

On February 26, Penn IUR and the Humanities, Urbanism, and Design (H+U+D) Initiative hosted "Sensing the City," a public lecture exploring various sensory ways to experience and understand the urban environment. Moderated by Domenic Vitiello, Penn IUR Faculty Fellow and Associate Professor and Assistant Chair of City and Regional Planning and Urban Studies, the lecture included presentations about different modes of sensing the city from distinguished Penn IUR Faculty Fellows and professors.

David Barnes, Penn IUR Faculty Fellow and Associate Professor of History and Sociology of Science, presented his comprehensive research project "The Olfactory Sentinel," which considers the role of smell as an investigatory tool in diagnosing healthy and unhealthy urban neighborhoods. Using examples from

Philadelphia and Paris between 1790 and 1900, Barnes discussed the connections between odors and health hazards as they relate to everyday urban life.

Francesca Russello Ammon, Penn IUR Faculty Fellow and Assistant Professor of City and Regional Planning and Historic Preservation, discussed the use of different forms of visualization and how they shape new ways of seeing in the battle between urban demolition and rehabilitation. Using the Milton-Parc neighborhood of Montreal as her case study, Ammon discussed how photographers can use the sensory tool of sight to understand and document the evolution of the city. By using photography to strategically document the neighborhood's buildings and community at the beginning of a protracted era of transformation,

Ammon argued that photographers in Milton-Parc were able to highlight the value of what had existed before demolition, thereby contributing their own commentary on the complexity of "progress."

Using the methodology of soundscape analysis, Naomi Waltham-Smith, Assistant Professor of Music, explored the transformative impact of sound within cities. Waltham-Smith discussed the importance of listening in urban social movements as well as in the process of local alliance building around economic, housing, and environmental justice. By noting the ways in which we analyze sound, she argued, we can begin to consider listening as a political practice, questioning and understanding our social environments and using the outcome as a way to interpret urban issues.

JOIN PENN IUR IN PARTNERSHIP WITH PENN IN LATIN AMERICA AND THE CARIBBEAN (PLAC) FOR THE ANNUAL PLAC CONFERENCE ON FRIDAY, SEPTEMBER 28


**PENN IN LATIN AMERICA
AND THE CARIBBEAN**
PRESENTS THE 4TH ANNUAL CONFERENCE

**CLIMATE CHANGE,
RESILIENCE, AND
ENVIRONMENTAL JUSTICE
IN LATIN AMERICA AND
THE CARIBBEAN**

FRIDAY, SEPTEMBER 28, 2018
10:00 AM—2:00 PM

SINGH CENTER FOR NANOTECHNOLOGY
3205 WALNUT STREET
<http://bit.ly/PLAC2018>

JOIN US IN THE EXPLORATION OF
A CRITICAL TOPIC IN THE REGION OF
LATIN AMERICA & THE CARIBBEAN



PLAC conferences promote interaction and collaboration across Penn Schools.

CONVENING

Smart Cities: From Innovation to Reality

On January 25, 2017, in celebration of the University's 2017–2018 theme "Year of Innovation," Penn IUR hosted a panel discussion on the role of innovation in cities. This event was co-sponsored by Perry World House and supported by the Provost's Office of Research. Penn IUR Co-Director Eugénie Birch, Lawrence C. Nussdorf Professor of Urban Research and Education, introduced the panelists and the event's topic, emphasizing the importance of planning cities through smart and innovative measures.

Participating panelists included Megan Ryerson, Penn IUR Faculty Fellow and Assistant Professor of City and Regional Planning and Engineering, School of Design and School of Engineering and Applied Science; Allison Lassiter, Assistant Professor of City and Regional Planning, School of Design; Achin Jain, doctoral student in Electrical and Systems Engineering, School of Engineering and Applied Science; Richard Voith, Penn IUR Faculty Fellow and President and Principal, Econsult Solutions; John Landis, Penn IUR Faculty Fellow and Crossways Professor of City and Regional Planning, School of Design; and Perry World House Visiting Fellow Kyung-Hwan Kim, Professor, School of Economics, Sogang University and former President, Korea Research Institute for Human Settlements.

The panel began with presentations on various innovative technologies affecting cities, with Ryerson arguing that technology can inform data analysis to improve street safety. She gave the example of eye-tracking glasses that capture cyclists' moment-by-moment glances as one technological innovation that can inform the study of street use. Next, Lassiter shared work that her students developed, such as sensors that can monitor home energy use and wirelessly communicate energy consumption, alert users to the problem of cars parking in bike lanes, or

determine when trash cans are full in order to automate pickup. Finally, Jain presented his work on mitigating inefficient manual approaches to managing building energy consumption, offering as an alternative a data-driven management system.

Following these presentations on new and emerging technologies, three experts discussed the challenges cities, policymakers, and businesses face in implementing such innovations. Voith presented the plan his organization created to assist businesses in better communicating the benefits of smart city technologies. Landis spoke about the role of real-time data acquisition, suggesting that only by breaking down internal silos and creating incentives for cross-departmental collaboration and experimentation can cities truly become smarter. Kim concluded the presentations by discussing the case of Seoul, Korea, and the importance of civic investment in successful project implementation.



Allison Lassiter, Assistant Professor of City and Regional Planning, School of Design discusses a case study of autonomous trash collection for smart city technology implementation.

CONVENING

Partners in Policy: New City O/S

In an event focused on how cities can capitalize on technological and data advancements, Penn IUR and the Fels Policy Research Initiative hosted "Partners in Policy: A New City O/S," a panel discussion with Penn faculty and Philadelphia leaders about government innovation. The panel, held on February 20, focused on how local government can still be effective and responsive to the needs of its citizens, even at a time when the American government at the national level has fallen into a state of long-term, partisan gridlock.

Featuring Neil Kleinman, co-author of the recent book *A New City O/S*, the talk referenced

Kleinman's proposal of a new operating system (O/S) for cities that builds on the giant leaps that have been made in technology, social engagement, and big data. Panelists included Anjali Chainani, Director of Policy for the City of Philadelphia; Dan Hopkins, Associate Professor in Penn's Department of Political Science; and Patrick Morgan, who served in leadership positions in the administration of Mayor Michael Nutter and now directs the Knight Foundation's Philadelphia program.

Kleinman's book argues that the original operating system for cities is outdated and operates in patches—with different departments

and sectors working in silos, rather than effectively integrating sectors to facilitate the collaboration of new data and technology initiatives. In response to this structure, Kleinman asks: What would one cohesive and integrated framework look like?

Kleinman proposed a structure featuring four key elements: user experience design, the problem-solving public servant, acting in time, and changing the ecosystem. He also argued that strong leadership that takes advantage of new data technology and integrates anchor partnerships is essential for empowering local citizen participation and facilitating community engagement.

CONVENING

The New Urban Agenda: How Stakeholders are Defining and Driving Implementation

In a one-day workshop held on January 17, Penn IUR, Perry World House, and the Kleinman Center for Energy Policy gathered policymakers, practitioners, and scholars for a set of panels and moderated conversations on implementing the United Nations' *New Urban Agenda*. Perry World House Deputy Director LaShawn R. Jefferson opened the conference. Following her remarks, Penn IUR Faculty Fellow Mark Alan Hughes, Penn IUR Co-Director Eugénie Birch, and Penn IUR Faculty Fellow William Burke-White introduced the white paper series Penn: Current Research on Sustainable Development, commissioned in anticipation of the ninth biennial conference of the World Urban Forum (WUF9). These twelve papers, authored by University of Pennsylvania faculty along with experts in policy fields such as energy and political science, addressed the unique multi-, trans-, and interdisciplinary challenges related to sustainability.

An important goal of WUF9 was to encourage member states to share their approaches to satisfying the Sustainable Development Goals (SDGs) initiative of the United Nations. The first workshop sessions, led by Freie Universität Berlin professor Helmut Aust, sought to highlight the role of world cities, nongovernmental organizations (NGOs), and individuals in the effort to update and adapt international law. These global endeavors seek to provide private stakeholders, who often already play important informal roles in their communities, with more occasions to participate in official political activities. Through side events and speaking opportunities, NGOs widen the global possibility of SDG implementation, furthering the ability of

actors to connect and organize transnationally. Likewise, by encouraging SDG implementation on a local level, otherwise disparate parties are brought together in collaborative efforts to address sustainability issues.

The afternoon sessions brought together professionals, academics, and specialists to examine the social dimensions of urbanization. Discussing topics related to the *New Urban*

Agenda such as financial inclusion, transit system innovation, sustainability, and the role of cities, the speakers emphasized how urbanization can weaken economic safety nets, creating vulnerabilities and challenging traditional social ties. But by looking towards new technological systems, including those with environmental implications like renewable energy, critical urban social concerns can be reframed and ameliorated.



Experts gather in Perry World House's World Forum to discuss the New Urban Agenda and the IUR paper series for WUF9.

PENN IUR TACKLES THE QUESTION "WHY CITIES?" IN PHOTO CONTEST

POST YOUR PHOTOS TO SOCIAL MEDIA SHOWING US WHY CITIES MATTER

This year the University of Pennsylvania's theme is "Why?" In response, Penn IUR is asking: "Why Cities?" Each month we will investigate a different aspect of urban life—from transportation to greenspace, energy efficiency, and affordable housing—and post the latest research on these topics from Penn IUR Faculty Fellows. For more information, visit the Penn IUR website. In response we ask you to post photos relating to each month's topic using the hashtag #ThisIsWhyCities and tag @penn_iur for a chance to win cash prizes!

For more information visit us at penn_iur.upenn.edu or twitter.com/penn_iur.

LEADERSHIP

2018 Urban Leadership Award Presented to Elizabeth Julian

On April 11, Penn IUR held its 14th annual Urban Leadership Forum, “Fair Housing, Fair Cities,” during which it presented the 2018 Urban Leadership Award (ULA) to Elizabeth Julian, Founder and Senior Counsel of the Dallas-based Inclusive Communities Project. Since 2005, the Annual Penn IUR Urban Leadership Award has recognized exemplary thinkers who have demonstrated a vision to revitalize urban centers, respond to urban crises, and champion urban sustainability in the United States and around the globe.

Julian was awarded the 2018 ULA for her work with the Inclusive Communities Project, which in 2015 won a Supreme Court case ruling that policies which

even inadvertently cause segregation (“disparate impact”) are illegal under the Fair Housing Act. This landmark ruling will help to fully realize the original goals of the Fair Housing Act to not only prevent individual housing discrimination but also address the decades of systemic discrimination that have led to segregated communities across the country.

Prior to her work with Inclusive Communities, Julian served as Assistant Secretary for Fair Housing and Equal Opportunity at the U.S. Department of Housing and Urban Development under the Clinton administration, and has practiced poverty and civil rights law since the beginning of her career.

The “Fair Housing, Fair Cities” forum featured a discussion between Julian and 2011 Penn IUR Urban Leadership Awardee and Penn IUR Scholar Raphael Bostic, President, Federal Reserve Bank of Atlanta, and former Assistant Secretary for Policy Development and Research, U.S. Department of Housing and Urban Development. Penn IUR Faculty Fellow Wendell Pritchett, Provost and Presidential Professor of Law and Education, University of Pennsylvania, moderated the discussion.



Left: Penn IUR Co-Director Susan Wachter, Penn Provost Wendell Pritchett, and Federal Reserve Bank of Atlanta President and CEO Raphael Bostic present the Urban Leadership Award to Elizabeth Julian. Middle: Urban Leadership Awardee Elizabeth Julian discusses her work. Right: John Brittain, University of District of Columbia, and crowd give Julian standing ovation.

RESEARCH

Penn IUR Launches New Public Finance Website

Local public finance can be a murky subject; finding accurate and up-to-date information can prove frustrating for everyone from policy makers to engaged citizens. With this informational challenge in mind, in May 2018 Penn IUR announced the launch of State & Local Public Finance Links, an online resource for planners, policymakers, researchers, and citizens to access information and expert analyses about state and local public finance in the United States.

“While many excellent resources on public finance exist across the internet and throughout academia, this website is the first attempt to bring them all together into a one-stop shop, hopefully making it easier to become informed and make progress on the difficult issues involved

in local fiscal finance solvency,” said Penn IUR Co-Director Susan Wachter.

As a central repository of research, news, data, and expert analysis on state and local public finance, State & Local Public Finance Links contains news articles, research publications, and reports from expert researchers and public finance organizations. While the site touches on many aspects of public finance, it focuses on the financial challenges state and local governments face and on solutions that municipalities find for these challenges.

For decades, many U.S. states and localities have wrestled with the problem of planning for their future funding needs, and the Great Recession of

the late 2000s and early 2010s exacerbated the problem significantly across the country. Since then, budgets have become more constrained. Meanwhile, the Baby Boomer generation is retiring and living longer than any previous generation, making future funding streams more consequential than ever before. In light of this landscape, the goal of this new website is to inform decision-making in this area.

The State & Local Public Finance Links website is made possible by the support of Penn IUR’s board of advisers, and is updated monthly by Penn IUR with input from a variety of experts and stakeholders. The website can be accessed at www.penniurpublicfinance.com.

Penn IUR Faculty Fellows News & Awards



BARNETT CO-CHAIRS CONFERENCE AT LINCOLN LAND INSTITUTE

Jonathan Barnett, Professor Emeritus of Practice, Department of City and Regional Planning, School of Design, was the co-chair of a conference in June at the Lincoln Institute of Land Policy devoted to the proposals in his new book *Reinventing Development Regulations*, written with Brian W. Blaesser. He was also recently named to the International Advisory Board of the Beijing Advanced Innovation Center of Urban Design for Future Cities. With professor Stefan Al, recently authored the article, "Urban Design in China: Where to Build, When to Build, What to Build," printed in both Chinese and English in *Urban Design*, 2018, a bi-monthly magazine published by Tsinghua University. The article was translated was by Huang He, a former visiting scholar at PennDesign.



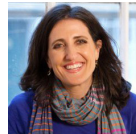
BIRCH CONTINUES WORK WITH UNITED NATIONS

Eugénie Birch continues her activism and research with the *United Nations Agenda 2030* and the *New Urban Agenda*. In this capacity she was re-elected as president, General Assembly of Partners in June. She has published "Metrics and the Impact of the Urban SDG" in Thomas Elquist et al. (eds), *The Urban Planet: Patterns and Pathways to the Cities We Want* (Cambridge: Cambridge University Press, 2018) with Andrew Rudd, Maruxa Cardama, and Aromar Revi, and a shortened version of her WUF9 Paper, "More Than Window Dressing? Stakeholders and Partnerships in the *New Urban Agenda*" in URBANET in January 22, 2018. In June, she joined Penn IUR Fellow and Perry World House Director William Burke-White and others in presenting the WUF9 papers at the Biden Center as preparation for the High Level Political Forum review of Agenda 2030.



BURKE-WHITE MODERATES WASHINGTON EVENT ON SUSTAINABLE URBAN DEVELOPMENT

William Burke-White, Inaugural Director, Perry World House and Richard Perry Professor and Professor of Law, co-hosted a Perry World House Washington Briefer event at the Penn Biden Center in Washington, D.C. in June 2018 with colleagues from the Kleinman Center for Energy Policy and Penn IUR. He moderated a conversation before policy makers and thought leaders with Penn IUR Co-Directors Eugénie Birch and Susan Wachter, Kleinman Center Director Mark Alan Hughes, and former Perry World House Visiting Fellow and former Assistant Secretary of State Anne Richard as they presented papers they authored for the "Penn: Current Research on Sustainable Urban Development" paper series.



CANNUSCIO CO-AUTHORS STUDY ON OVERDOSES AT PUBLIC LIBRARIES

Carolyn C. Cannuscio, Associate Professor, Family Medicine and Community Health, Perelman School of Medicine and Penn team lead of the Healthy Library Initiative (HLI), co-authored a study published in May in the journal *Preventing Chronic Disease*, which found that 12 percent of the public libraries in Pennsylvania experienced a drug overdose in the past year. For the last four years, the HLI, a partnership between the University of Pennsylvania and the Free Library of Philadelphia, has been conducting research on the role of libraries in public health and training their staff to better respond to the community's evolving needs.



DURANTON PUBLISHES PAPER ON MOBILITY AND CONGESTION IN URBAN INDIA

Gilles Duranton, Dean's Chair in Real Estate, Professor and Chair, Real Estate Department, the Wharton School, published a new paper in June 2018 through the Tinbergen Institute entitled "Mobility and Congestion in Urban India." Using a popular web mapping and transportation service, the paper documents wide variation in mobility across Indian cities, then show that this variation is driven primarily by uncongested mobility. The paper also investigates correlates of mobility and congestion and finds that denser and more populated cities are slower, in part because of congestion, especially close to their centers. It finds that urban economic development is correlated with better uncongested mobility, worse congestion, and overall with better mobility.



GUERRA PUBLISHES ARTICLES ON URBAN SPRAWL IN MEXICO

Erick Guerra, Assistant Professor in City and Regional Planning, School of Design, published recent articles on the relationship between urban sprawl, commute patterns, and socioeconomic segregation in Mexico's 100 largest urban areas. The work builds on a research grant from the Lincoln Institute of Land Policy with Jorge Montejano (CentroGeo, Mexico) and Paavo Monkkonen (UCLA). Guerra has also co-authored recent articles on bicycle lanes and traffic safety in Philadelphia and recent shifts in household travel behavior in the Philadelphia Region.



HENDRICKS RETIRES AS DEAN OF VETERINARY MEDICINE

Joan Hendricks retired in the summer of 2018 after serving as Dean of Veterinary Medicine at the University of Pennsylvania since 2006. Hendricks was a Penn faculty member for more than 30 years, where she garnered acclaim for her work in veterinary clinical care and in the biology of sleep. As dean, Hendricks fostered PennVet's important relationship with the Commonwealth of Pennsylvania in its efforts to show policymakers and citizens across the state what an essential and integral role veterinarians play in ensuring public health and food safety, guarding against bioterrorism and agroterrorism, and working to protect the environment.



GYOURKO PUBLISHES ON ECONOMIC IMPLICATIONS OF HOUSING SUPPLY

Joe Gyourko, Martin Bucksbaum Professor and Professor of Real Estate, Finance, and Business Economics & Public Policy, the Wharton School, co-published "The Economic Implications of Housing Supply" in the American Economic Association's *Journal of Economic Perspectives*. The paper reviews the basic economics of housing supply and the functioning of U.S. housing markets to better explain the distribution of home prices, household wealth, and the spatial distribution of people across markets.



HOLOD CURATES NEW MIDDLE EAST GALLERIES ON "THE CITY"

Renata Holod, Professor, History of Art, School of Arts and Sciences, and Curator in the Near East Section, Museum of Archaeology and Anthropology, co-directed a multi-year archaeological and architectural survey of the island of Jerba, off the coast of Tunisia. Holod was part of the curatorial team that developed the new Middle East Galleries at the Penn Museum. The new 6,000-square-foot suite of three exhibits—"Towards Cities," "Ur: The Great City," and "The World of Cities"—vividly explores life in the Mesopotamian world, from early writing and record keeping to burial practices, transportation, agriculture, cooking, and the arts.



HARKAVY CELEBRATES NETTER CENTER'S 25TH ANNIVERSARY

Ira Harkavy, Associate Vice President and Founding Director of the Barbara and Edward Netter Center for Community Partnerships, participated in the Netter Center's 25th anniversary celebration, which included an international conference entitled "Higher Education—Community Partnerships for Democracy and Social Change." In addition, Harkavy recently co-authored "A Service-Learning Chemistry Course as a Model To Improve Undergraduate Scientific Communication Skills," in *Journal of Chemical Education*; and "University-Community Partnerships in Pursuit of Social Justice: An Anchor Institutions Approach to Advancing Teaching and Research and Improving the Quality of Life," in *Anchor Institutions Advancing Local and Global Sustainable Community Development: 2017-2018 Conference Proceedings Rutgers University-Camden*. Harkavy presented "Inclusion of Diverse Community Voices: The Netter Center for Community Partnerships as a Case Study," to the Committee on Equal Opportunities in Science and Engineering of the National Science Foundation, which he chaired from February 2016 through May 2018.



LUM AWARDED PEW CENTER FELLOWSHIP

Ken Lum, Professor and Chair, Fine Arts Department, was awarded one of 12 fellowships funded by the Pew Center for Arts & Heritage in Philadelphia. The Pew Fellowships provide awards of \$75,000 to individual artists from all disciplines, including music, visual art, film, poetry, dance, and theater. Lum works across mediums, including painting, sculpture, and photography.

Penn IUR Faculty Fellows News & Awards

(CONTINUED)



MACDONALD CO-AUTHORS FOUR PAPERS

John MacDonald, Professor, Criminology and Sociology, and Penny and Robert A. Fox Faculty Director of the Fels Institute of Government, has co-authored four recent papers: "Did Post-Floyd et al. Reforms Reduce Racial Disparities in NYPD Stop, Question, and Frisk Practices? An Exploratory Analysis Using External and Internal Benchmarks," in *Justice Quarterly*; "Citywide Cluster Randomized Trial to Restore Blighted Vacant Land and its Effects on Violence, Crime, and Fear," in *Proceedings of the National Academy of Sciences*; "Neighborhood Interventions to Reduce Violence," in *Annual Review of Public Health*; and "Do Schools Cause Crime in Neighborhoods? Evidence from the Opening of Schools," in *Journal of Quantitative Criminology*.



PERNA RECEIVES EXCELLENCE IN PUBLIC POLICY IN HIGHER EDUCATION AWARD

Laura Perna, Professor and Chair, Higher Education Division, Graduate School of Education, Executive Director of the Alliance for Higher Education and Democracy, received the excellence in Public Policy in Higher Education Award, Council on Public Policy in Higher Education, from the Association for the Study of Higher Education in 2017. Her new edited volume, *Taking it to the Streets: The Role of Scholarship in Advocacy and Advocacy in Scholarship* was published by Johns Hopkins University Press in March 2018.



REINA HOSTS PERSPECTIVES ON FAIR HOUSING CONFERENCE

Vincent Reina, Assistant Professor of City and Regional Planning, School of Design, was selected to author the City of Philadelphia's Housing Plan. He was also awarded a grant from the University Research Foundation for a project investigating housing vouchers. In April, he co-hosted the Perspectives on Fair Housing Symposium with Penn IUR, which brought together leading academics and practitioners to discuss the state of the Fair Housing Act on the regulation's 50th anniversary. In 2018, he was selected to be a Visiting Scholar at the Federal Reserve Bank of Philadelphia and was a 2018 Lincoln Institute Scholar. His most recent article, "Safety Net? The Use of Vouchers when a Place-Based Subsidy Ends," co-authored with Ben Winters, was just published in *Urban Studies*.



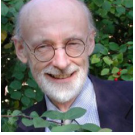
RYERSON RECEIVES NEW APPOINTMENT IN PENN MEDICINE

Megan Ryerson, Assistant Professor of City & Regional Planning, School of Design, was appointed an Affiliated Faculty Member of the Penn Center for Neuroaesthetics in the School of Medicine. She was also appointed to the Board of the Los Angeles Metro Office of Extraordinary Innovation. In 2018, Ryerson published several articles including "Visualizing Aviation Impacts: Modeling Current and Future Flight Trajectories with Publicly Available Flight Data," in *Transportation Research Part D: Transport and Environment*; "Building Reverse Commute Typologies Through Urban and Suburban Socioeconomic Characteristics," in *Cities*; "A Drive for Better Air Service: How Air Service Imbalances Across Neighboring Regions Integrate Air and Highway Demands," in *Transportation Research Part A: Policy and Planning*; "A Long Drive: Interregional Airport Passenger Leakage," in *U.S. Tourism Management*; and "Edge Conditions and Crash-Avoidance Roles: The Future of Traffic Safety in the World of Autonomous Vehicles," in *Injury Prevention*. She also spoke at multiple seminars, including the Department of Aeronautics and Astronautics Seminar Series at Stanford University, the University of California, Berkeley Institute of Transportation Studies Seminar Series, and the Transportation Research Board's Panel on Intercity Transportation.



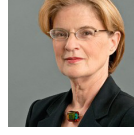
SERVON SPEAKS TO CREDIT UNIONS

Lisa Servon, Associate Professor of City and Regional Planning, Chair, City and Regional Planning, School of Design, spoke to five credit unions across the U.S. on her research, including the Little Rock Credit Union in Arkansas, the Cornerstone Credit Union League in Texas, the Greenbay Credit Union League in Wisconsin, the Mississippi Credit Union League, and the Chattanooga Credit Union League in Tennessee. She also attended the American Planning Association annual conference in New Orleans.



SPoonER CONTRIBUTES TO VOLUME ON THE FRONTIERS OF PERSIAN LEARNING

Brian Spooner, Professor of Anthropology, School of Arts and Sciences and Curator, Near Eastern Ethnology, Penn Museum, is writing a book on the history of urban life in relation to non-urban life in the Middle East and the way this relationship has formed the Middle East as it is today. He co-curated the new Middle East Galleries exhibit at the Penn Museum titled "Journey to the City," which opened in April. The exhibit's companion volume, with Spooner's contribution, is forthcoming. Spooner has also contributed a chapter to an edited volume titled *The Frontiers of Persian Learning* (University of California Press), in which he explains the importance of the beginning of urban development (6th to 3rd millennia BC) in the history of the Middle East and Central Asia.



WACHTER SPEAKS ON 10TH ANNIVERSARY OF HOUSING CRISIS

Susan Wachter, Penn IUR Co-Director and Albert Sussman Professor and Professor of Finance, The Wharton School, and co-director of Penn IUR, presented at the Brookings Institution on consequences of the 2008 housing crisis on its 10 year anniversary. Wachter published two papers on the emerging role of real estate investment trusts (REIT) in the current issue of *Real Estate Economics*. As part of the Bureau of Economic Activity's Advisory Committee, Wachter presented innovative approaches to data-driven, urban-oriented research. Wachter was interviewed on NPR's *On Point* on the problem of housing affordability and appeared on CNBC to comment on the current weakness in the housing market.



STEINER PUBLISHES 18TH BOOK

Fritz Steiner, Dean, School of Design, published his latest book, *Making Plans: How to Engage with Landscape, Design, and the Urban Environment* (University of Texas Press, February 2018). The *Journal of Urban Management* also published his article "The Ecological Wisdom of Plan Making." In June, he co-hosted the inaugural summer forum of the Cooperative Mobility for Competitive Megaregions Consortium, a Department of Transportation funded project to advance research, education, and technology transfer initiatives to improve the mobility in megaregions. This past spring, he also received the James Haecker Award for Distinguished Leadership in Architectural Research from the Architectural Research Centers Consortium and was named an affiliated faculty member at the Penn Center for Neuroaesthetics.

PENN IUR LAUNCHES NEW WEBSITE

STATE AND LOCAL PUBLIC FINANCE LINKS
NOW LIVE

View this online resource for planners, policymakers, researchers, and citizens to learn about the latest research and expert analyses about state and local finance in the United States:

www.penniurpublicfinance.com

INSTRUCTION

Penn IUR Undergraduate Urban Research Colloquium

Each spring semester, Penn IUR sponsors the Undergraduate Urban Research Colloquium (UURC), an advanced research seminar for undergraduate scholars with an interest in urban-focused research. The program pairs students with a faculty mentor with expertise in their areas of interest. Students and faculty teams come from academic departments throughout the University, with students receiving credits through the School of Design's City and Regional Planning Department or the School of Arts and Sciences' Urban Studies Program.

In the spring of 2018, Penn IUR sponsored the 14th annual UURC. Over the course of the semester, students learned about existing research resources at Penn, visited the Architecture Archives, attended community meetings relevant to their individual research, and learned about systematic research processes by refining their research design, collecting data, and presenting their results. The seven student-faculty teams and their topics of study this year are listed below.

Assessing China's Development Aid to Africa

Student: ADAMSEGED ABEBE, Health and Societies, School of Arts and Sciences

Faculty Mentor: RAMAH MCKAY, Department of History and Sociology of Science, School of Arts and Sciences

The Spatial Nature of Services Addressing Homelessness in Philadelphia

Student: ELISE REYNOLDS, Urban Studies, School of Arts and Sciences

Faculty Mentor: AMY HILLIER, Urban Planning, School of Design, and School of Social Policy and Practice

Safe Kids Stories: How an Online Creative Writing Platform Forms a Safe Space for Urban Youth

Student: ALLEN ZHU, Philosophy, Politics, Economics, School of Arts and Sciences

Faculty Mentor: LORENE CARY, English, School of Arts and Sciences

Can Changes to the National Flood Insurance Program Be Considered a New Form of Redlining in Pre-FIRM Communities of Color? A Case Study of Eastwick in Southwest Philadelphia

Student: ABIGAIL MCGUCKIN, Urban Studies, School of Arts and Sciences

Faculty Mentor: MICHAEL NAIRN, Urban Studies, School of Arts and Sciences

A Comparative Analysis on Elderly Care from Families in Korea, America, and Taiwan

Student: SEYEON KIM, Sociology

Faculty Mentor: HANS-PETER KOHLER, Sociology

Nigerians in the United States: Exploring Socioeconomic Mobility and Wealth Creation Among Nigerians in America

Student: EBEHIREME INEGBENEBOR, Political Science, School of Arts and Sciences

Faculty Mentor: ONOSO IMOAGENE, School of Arts and Sciences

Towards Transformative Knowledge Production: Understanding Health through Civic Engagement and Multimodal Methodologies

Student: SHEILA SHANKAR, College of Liberal and Professional Studies, School of Arts and Sciences

Faculty Mentor: AARON LEVY, English and History of Art, School of Arts and Sciences

RESEARCH & INSTRUCTION

Mellon Renews H+U+D Project: Focus on Inclusive Cities

After completing five years of melding the scholarship and instruction of humanities and design under the H+U+D project, the Mellon Foundation renewed the effort for another five years. A joint project with the School of Design and the School of Arts and Sciences, the H+U+D Initiative, which concluded its first iteration in the spring of 2018, convened a Faculty Colloquium composed of faculty from the humanities and design disciplines. It also sponsors several other educational and research activities.

Under the first iteration, Penn IUR provided administrative and programmatic support to the H+U+D Initiative from its inception. Penn IUR Co-Director Eugénie Birch co-directed the initiative with Penn IUR Faculty Fellow David Brownlee, Frances Shapiro-Weitzenhoffer Professor of 19th Century European Art and Chair, Graduate Group in the History of Art, School of Arts and Sciences. In its second iteration, Birch and Brownlee will co-chair the initiative again.

Each year, H+U+D welcomed a new group of faculty members and invited Junior Fellows (scholars from other institutions who have recently completed their doctoral work) to participate in the H+U+D Colloquium, which met bi-weekly to share research and foster collaboration. Since 2017–2018 was the first iteration of the program's final year, H+U+D invited past Colloquium

members to take part in the convenings, creating a "Super Colloquium" of 20 faculty members from across the humanities and design disciplines.

H+U+D initiated several cross-disciplinary convenings in the fall of 2017, and in the winter Penn IUR co-sponsored the H+U+D Annual Lecture, a reprise of the "Sensing the City" event first presented at the Society for American City and Regional Planning History. H+U+D also supported graduate and undergraduate courses and student research awards. This past year, the Initiative awarded a record-breaking nine research grants to Penn students in all stages of their academic careers. In total, H+U+D disbursed \$14,000 in student research funding in 2017–2018. Award recipients presented their research at the Super Colloquium in the spring semester.

In fall 2018, the Mellon Foundation awarded Penn a second round of funding (\$1.533 million) to build on the success of the first H+U+D Initiative. In this second iteration of the project, the initiative will shift its focus to explore inclusion, encompassing what we study and who we are at Penn. Entitled "The Inclusive City: Past, Present, and Future," this five-year project will begin in the fall of 2018; it will retain the basic structure of the original H+U+D project, but will offer more attention to undergraduate research and instruction.

PUBLICATION

New C21 Book Focuses on Smart Growth in Metropolitan Washington, D.C.

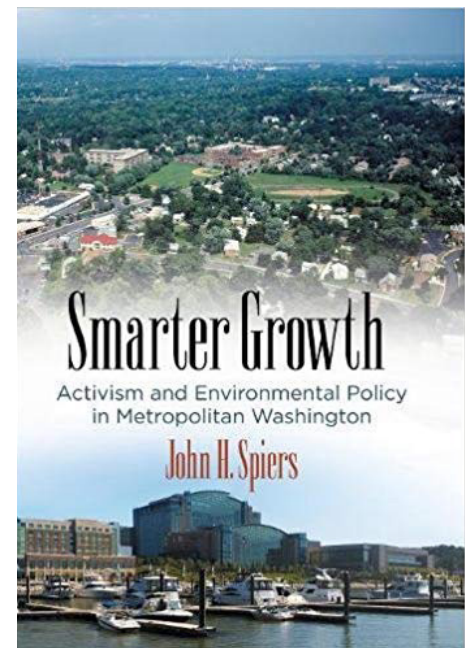
The latest book in the Penn IUR/Penn Press City in the 21st Century book series explores the history and implications of smart growth in metropolitan Washington D.C. The book, *Smarter Growth: Activism and Environmental Policy in Metropolitan Washington*, is authored by John H. Spiers, Manager of Faculty Services in the Department of Medicine at Brigham and Women's Hospital, and was published in June 2018.

Suburban sprawl has been the prevailing feature—and the double-edged sword—of metropolitan America's growth and development since 1945. The construction of homes, businesses, and highways that were signs of the nation's economic prosperity also eroded the presence of agriculture and polluted the environment. This in turn provoked fierce activism from an array of local, state, and national environmental groups seeking to influence planning and policy. Many places can lay claim to these twin legacies of sprawl and the attendant efforts to curb its impact, but, according to John H. Spiers, metropolitan Washington, D.C., in particular, laid the foundations for a smart growth movement that blossomed in the late 20th century.

In *Smarter Growth*, Spiers argues that civic and social activists played a key role in pushing state and local officials to address the environmental and fiscal costs of growth. Drawing on case studies including the Potomac River's cleanup, local development projects, and agricultural preservation, he identifies two periods of heightened environmental consciousness in the early to mid-1970s and the late 1990s that resulted in stronger development regulations and land preservation across much of metropolitan Washington.

Smarter Growth offers an understanding of environmental politics in metropolitan America, giving careful attention to the differences between rural, suburban, and urban communities and demonstrating how public officials and their constituents engaged in an ongoing dialogue that positioned environmental protection as an increasingly important facet of metropolitan development over the past four decades. It reveals that federal policies were only one part of a larger decision-making process—and not always for the benefit of the environment. Finally, it underscores the continued importance of

grassroots activists for pursuing growth that is environmentally, fiscally, and socially equitable—in a word, smarter.



INSTRUCTION

Penn IUR Urban Doctoral Activities

On May 11, 2018, Penn IUR, in collaboration with the Penn Urban Studies Program, hosted the Urban Doctoral Symposium, which celebrated the achievements of graduating doctoral

students who have completed dissertations on topics focused on urban issues. The symposium also gave the doctoral students an opportunity to present their research through a poster

session. The newly-minted PhDs and the dissertation they presented are listed below.

NOUR HALABI

Communications,
Annenberg School for
Communications

**Radical (In)hospitality:
American Media and
Regulatory Stances
Towards Immigration
and Travel Bans**

JAE MIN LEE

City and Regional
Planning, School of
Design

**Hidden Cities:
Reinventing the Non-
Space Between Street
and Subway**

AARON SHAPIRO

Communications,
Annenberg School for
Communications

**Design, Control, Predict:
Cultural Politics in the
Actually Existing Smart
City**

ELIZA DAVENPORT
WHITEMAN

City and Regional
Planning, School of
Design

**Eating at the End of
the Month: The SNAP
Cycle, Its Management,
and Impacts on the
Health of Low-Income
Households**

Penn IUR Affiliated PhD students participating in the poster session included:

CAMERON ANGLUM

Education Policy, School of Education

**Credit Constrained? How the Cost of Capital Affects
District Resources and Student Achievement**

JOSÉ CALÉIA CASTRO

Visiting Scholar in Landscape Architecture, School of Design

**The Role of Informal Transit in Re-Structuring Metropolitan
Areas in Developing Countries: The Case of Luanda, Angola**

ELAINE LEIGH

Higher Education, School of Education

**The College Promise in Communities: Do Place-Based
Scholarships Affect Residential Mobility Patterns?**

PARK SINCHAISRI

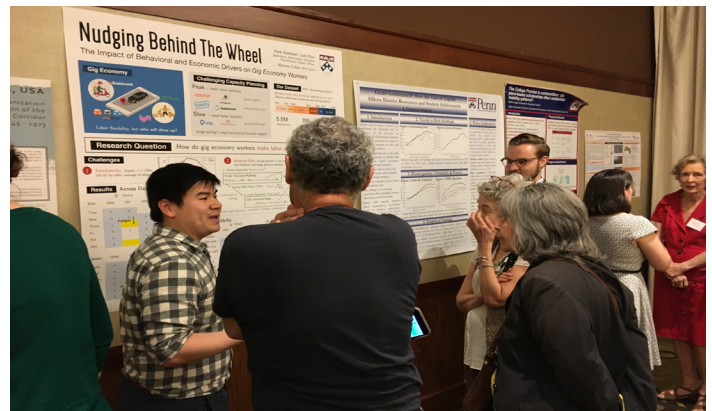
Operations, Information, and Decisions, the Wharton School

**The Impact of Behavioral and Economic Drivers on Gig-
Economy Workers**

KRISTIAN TAKETOMO

History, School of Arts and Sciences

**Megalopolis, U.S.A.: Regional Urbanization and the
Invention of the Northeast Corridor, 1945-1973**



Top: Students engage in discussion of their research with faculty during poster presentation. Bottom: Penn IUR-affiliated PhDs attending the Urban Doctoral Symposium.

Faculty Spotlight: David Grazian

(CONTINUED FROM P. 3)

As for the zookeepers themselves, in my book I try to highlight their role as the best possible ambassadors of the environmental mission of zoos, given their steadfast commitment to the animals in their constant care. These are people with graduate degrees that make piddling wages, just for the feeling of moral purpose and dignity they experience while nursing the zoo's most delicate creatures, especially those rescued animals injured or sickened in the wild—peregrine falcons with broken wings, owls with cataracts. Their tireless labor and devotion can inform and inspire the collective stewardship needed to promote ecological resilience while protecting biodiversity in contemporary cities threatened by climate change-related disasters all over the world.

ON JULY 1, YOU BECAME THE FACULTY DIRECTOR OF PENN'S URBAN STUDIES PROGRAM—WHAT ARE YOUR THOUGHTS ABOUT THE CURRENT AND FUTURE ROLES OF THE PROGRAM'S UNDERGRADUATE DEGREE AND GRADUATE CERTIFICATE?

In civilizations around the world and throughout history, cities have been centers of commerce, culture, literature, and art, from Alexandria to Timbuktu, Athens to Rome, London to Paris, Mexico City to Mumbai, Shanghai to Tokyo. Today, contemporary cities are the stage on which some of the most pressing challenges of the new millennium—environmental catastrophe, extreme poverty and inequality, global health, population growth, refugee migration, political instability, and war—will unfold. For these reasons, the possibilities for enriching our undergraduate programs at Penn with the interdisciplinary tools of urban studies are endless, and I look forward to working with any undergraduate director or faculty member in the College desiring to make those connections come to life for our students. As the premiere university of one of America's most historically important and celebrated cities, we can provide no greater intellectual service to our undergraduates.

CONVENING

Perspectives on Fair Housing

(CONTINUED FROM P. 1)

The event's participants included Francesca Ammon (University of Pennsylvania), Nestor Davidson (Fordham University), Vincent Reina (University of Pennsylvania), Camille Charles (University of Pennsylvania), Lance Freeman (Columbia University), Megan Haberle (Poverty and Race Research Action Council), Paul Jargowsky (Rutgers University), Raphael Bostic (Federal Reserve Bank of Atlanta), Richard Sanders (University of California, Los Angeles), Katherine O'Regan (New York University), Adam Gordon (Fair Share Housing), John Brittain (University of the District of Columbia), Renee Glover (The Catalyst Group),

Theresa Singleton (Federal Reserve Bank of Philadelphia), Kyle Williams (National Urban League), Ken Zimmerman (New York University), Buzz Roberts (NAAHL), Sheryll Cashin (Georgetown University), John Landis (University of Pennsylvania), Justin Steil (Massachusetts Institute of Technology), Andrew Greenlee (University of Illinois, Urbana-Champaign), Olatunde Johnson (Columbia University), Catherine Califano (City of Philadelphia), Matthew Murphy (City of New York), Ben Winter (City of Los Angeles), Margery Turner (Urban Institute), Ira Goldstein (The Reinvestment Fund), Michael Allen (Relman, Dane & Colfax),

Meanwhile, among Penn's graduate schools the initiative for integration with Urban Studies comes not only from our institutional partners throughout the University like Penn IUR, but from those dedicated advanced-degree students committed to experimenting with provocative theoretical ideas, conducting cutting-edge research, and creating innovative scholarship and real-world applications through an urban lens. I therefore invite all Penn graduate students interested in furthering their intellectual journey as urbanists to join our community, whether through the Urban Studies graduate certificate program, or else through our many workshops, public conversations, and other collaborative events.

YOUR CURRENT RESEARCH EXPLORES LIFE IN THE COWORKING-SPACE ENVIRONMENT—CAN YOU TELL US A BIT MORE ABOUT THIS PROJECT?

In the new economy, many workers enjoy the autonomy, flexibility, and technological means to literally work from anywhere, exploding our assumptions about office culture, job/life balance, and the meaning of work itself. Of course, as an urban scholar who thinks a lot about the importance of place, I am constantly reminded that even digital workers must inevitably work from somewhere. Moreover, where we work matters for our productivity, our well-being, and our sense of self. Perhaps for this reason, sociology has long been concerned with the workplaces of modern capitalism, from the dark Satanic mills and sweatshop factories of the Industrial Revolution to the executive suites of corporate America.

It is in this spirit that I have spent the last year or so researching the many spaces throughout the city—in this case Manhattan, where I currently live—where freelancers, remote workers, and startup entrepreneurs bang out Power Point presentations, spreadsheets, and shared documents while answering emails, surfing the internet, and staging conference calls and virtual meet-ups. While somewhat experimental, this is an attempt to conduct an ethnography of the urban landscape of the digital economy, where isolated workers and a service industry built to accommodate them scour the nooks and crannies of the city for available workspace in crowded coffee shops, hotel lobbies, empty restaurants, floating desks in coworking spaces like WeWork, mobile workstations on commuter trains, and in their own apartments. By drawing on immersive fieldwork conducted in some of the city's most nonconventional urban workspaces, I hope to better understand how digital technology and the global economy shape the ongoing redevelopment of the global metropolis, our cultural image of the city, and the everyday lives of its human inhabitants.

Vicki Been (New York University), Kevin Chavers (Blackrock), and Eli Anderson (Yale University).

"Perspectives on Fair Housing" was hosted by Penn IUR Faculty Fellow Wendell Pritchett, Provost and Presidential Professor of Law and Education; Penn IUR Faculty Fellow Vincent Reina, Assistant Professor of City Planning; and Penn IUR Co-Director Susan Wachter, Sussman Professor and Professor of Real Estate and Finance. During the event, Elizabeth (Betsy) Julian was given the 2018 Penn IUR Urban Leadership Award (ULA). For more on Julian and the ULA, see page 9.

RESEARCH

Penn IUR Showcases Urban Expertise at World Urban Forum

(CONTINUED FROM P. 1)

In addition to showcasing the research of scholars affiliated with Penn IUR, PWH, and KCEP, the Penn exhibit at WUF9 also provided an opportunity for doctoral students focused on urban issues to present their research. Three students from the Graduate Group in City and Regional Planning at the School of Design spoke to an international audience of urbanists on February 9 and 10: Kimberly Noronha on "What Happens When Villages Get Swallowed by Cities"; Chandan Deuskar on "Patron-Client Relationships as a Barrier to Planning in Informal Settlements"; and Samuel Geldin on "Determining the Appropriate Scale to Reduce Disaster Risk: Lessons for the *New Urban Agenda* from India and the Philippines."

Penn faculty presentations included: Eugénie Birch on "More Than Window Dressing? Stakeholders and Partnerships in U.N. Global Agreements"; William Burke-White on "The Changing Landscape of Climate Governance: The Role of Cities as Political Actors and Policy Implementers"; and Mark Alan Hughes on "Informing Urban Policy Deliberation in a Deeply Uncertain World."

Other participating speakers included: KCEP's Cornelia Colijn on "Aligning Goals and Capacities on Energy Policy Implementation"; PWH's Katelyn Leader on "A Case for Strengthening Evidence-Based Understanding of Refugee Integration"; PWH's Visiting Fellow Kyung-Hwan Kim on "Housing Equality and the *New Urban Agenda*"; Future Earth's M'Lisa Colbert on "Moving Knowledge to Action to Implement the *New Urban Agenda*"; USAID's Kevin Nelson on "Galvanizing Renewable Energy, Nutrition, Environment, Water, and Waste (RENEWW) Innovation Zones in Peri-Urban

Communities"; Barnard College's Mary Rocco on "(Un)Conventional Benefits? The Urban Revitalization Potential of Large Scale Events in U.S. Legacy Cities"; The Chicago Council on Global Affairs' Ian Klaus on "An Urban United Nations: Lessons from Four Negotiated Frameworks"; Slum

Dwellers International's Joseph Muturi on "Revolutionary Settlement Planning in Mukuru, Nairobi"; and University of Chicago's Luis Bettencourt in a panel discussion on "University Research Institutes and Their Contribution to Knowledge-Creation/Sharing for the *New Urban Agenda*."



Top: Penn delegation made up of faculty, doctoral students, staff, visiting fellows, and scholars at the World Urban Forum poses in exhibition created by Penn IUR, PWH, and KCEP.

Bottom: Penn IUR Co-Director Eugénie Birch presents her research paper "More Than Window Dressing? Stakeholders and Partnerships in U.N. Global Agreements."



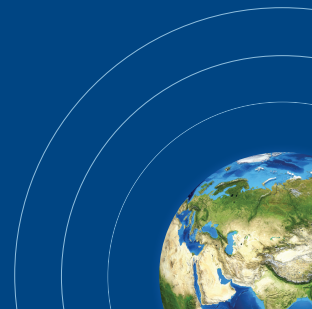
PENN: CURRENT RESEARCH ON SUSTAINABLE URBAN DEVELOPMENT

Penn: Current Research in Sustainable Urban Development

From Global to Local

EUGENIE BIRCH, WILLIAM BURKE-WHITE, AND MARK ALAN HUGHES, WITH CARA GRIFFIN
Penn Institute for Urban Research, Perry World House, Kleinman Center for Energy Policy

FEBRUARY 2018



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PAPER SERIES *PENN: CURRENT RESEARCH IN
SUSTAINABLE URBAN DEVELOPMENT*,
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THE PENN INSTITUTE FOR URBAN

RESEARCH is dedicated to advancing cross-disciplinary urban-focused research, instruction, and civic engagement on issues relevant to cities around the world. As the global population becomes increasingly urban, understanding cities is vital to informed decision-making and public policy at the local, national, and international levels. Penn IUR has a strong focus on research that informs the sustainable and inclusive 21st-century city. By providing a forum for collaborative scholarship and instruction at Penn and beyond, Penn IUR stimulates research and engages with urban practitioners and policymakers to inform urban policy.

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