

BUILD -

ING

PENN INSTITUTE
for URBAN RESEARCH
2013-2014 ANNUAL REPORT

SHARED

PROS -

PERITY

ABOUT PENN IUR

The Penn Institute for Urban Research (Penn IUR) is dedicated to advancing cross-disciplinary urban-focused research, instruction, and civic engagement on issues relevant to developed and developing cities around the world. As the global human population becomes increasingly urban, understanding cities is vital to informed decision-making and public policy at the local, national, and international levels. Penn IUR develops knowledge in three critical areas: building the sustainable and inclusive twenty-first-century city, fostering innovative urban development strategies, and illuminating the role of anchor institutions in urban places. By providing a University-wide forum for collaborative scholarship and instruction, Penn IUR stimulates research and engages with urban practitioners and policymakers to inform urban policy.

CONTENTS

2 ABOUT PENN IUR

4 2013–2014 YEAR IN REVIEW: BUILDING SHARED PROSPERITY

6 A MESSAGE FROM THE PENN IUR ADVISORY BOARD CHAIR

7 A MESSAGE FROM THE PROVOST & SENIOR VICE PROVOST FOR RESEARCH

8 A MESSAGE FROM THE PENN IUR CO-DIRECTORS

10 CURRENT RESEARCH INITIATIVES

- | | | |
|---|--|--|
| 12 The Future of Transforming Cities:
Developing Cross-Sectoral Solutions | 14 Indicators for Urban Sustainable
Development: Measuring Progress | 16 Spatial Integration Laboratory
for Urban Systems: Mapping
Vulnerabilities & Resilience |
| 13 Energy Efficient Development in the
Asia Pacific: Advancing Best Practices | 15 Reinventing Older Communities:
Bridging Growth & Opportunity | 17 The Penn Humanities+Urbanism+
Design Initiative: Fostering
Interdisciplinary Urban Research |
| 14 Consortium for Building Energy
Innovation Research Digest:
Translating Scholarship | | |
-

18 PUBLIC PROGRAMS & EXPERT MEETINGS

- | | | |
|---|---|---|
| 20 The Tenth Annual Penn IUR Urban
Leadership Forum & Awards
Ceremony: Celebrating Those
Building Equitable Cities | 22 Penn IUR Public Interest Series:
Showcasing Urban Research
Innovation at Penn & Beyond | 29 Penn IUR Expert Roundtables:
Linking Policymakers, Practitioners,
& Scholars |
|---|---|---|
-

34 PUBLICATIONS & OUTREACH

- | | |
|---|---|
| 36 The City in the 21st Century Book
Series & Special Publications:
Disseminating Urban Scholarship | 40 Digital Dissemination:
Expanding Penn IUR's Reach |
|---|---|
-

42 INSTRUCTIONAL SUPPORT FOR URBAN-FOCUSED STUDENTS

- | | | |
|---|---|--|
| 44 Undergraduate Urban Research
Colloquium: Supporting Student-
Faculty Collaboration | 46 Master of Urban Spatial Analytics:
Advancing Geospatial Education | 48 Penn IUR Urban Doctoral Activities:
Building a Community of Scholars |
|---|---|--|
-

50 PENN IUR PEOPLE

- | | | |
|--|---|--|
| 52 Penn IUR Faculty Fellows
& Executive Council | 57 Penn IUR Visiting Scholars,
2013–2014 | 59 Penn IUR Donors & Funders |
| 55 Penn IUR Scholars | 58 Penn IUR Consultative Boards | 59 Penn IUR Staff & Contact
Information |
-

60 LOOKING AHEAD

2013–2014 YEAR IN REVIEW:

BUILD- ING SHARED PROS- PERITY

THE WORLD IS INCREASINGLY DIVIDED INTO COMMUNITIES
OF PROSPERITY AND COMMUNITIES OF DEPRIVATION.

PENN IUR'S WORK HAS CENTERED ON FINDING WAYS TO BRIDGE THE DIVIDE BETWEEN THESE DISPARATE COMMUNITIES, TO PROMOTE EQUITY AMONG PEOPLE WORLDWIDE, TO CREATE A BETTER FUTURE FOR ALL OF US LIVING IN CITIES—TO BUILD SHARED PROSPERITY. TO THIS END, PENN IUR'S INVESTIGATIONS BRIDGE FIELDS OF STUDY, METHODS OF PRACTICE, AND GEOGRAPHIES IN

ORDER TO SHARE KNOWLEDGE; ITS PROGRAMS CONNECT SCHOLARS, POLICYMAKERS, PRACTITIONERS, STUDENTS, AND THE PUBLIC; AND ITS PUBLICATIONS DISSEMINATE THE LATEST URBAN RESEARCH WORLDWIDE.

THIS REPORT COVERS PENN IUR'S ACCOMPLISHMENTS FROM JULY 2013 THROUGH JUNE 2014, PENN IUR'S TENTH YEAR IN OPERATION.



EGBERT PERRY

Chairman & CEO,
The Integral Group, LLC

A MESSAGE FROM THE PENN IUR ADVISORY BOARD CHAIR

Penn IUR is guided by the key values of the Penn Compact: engaging locally, nationally, and globally; increasing access; and integrating knowledge. As such, Penn IUR has led programs and research initiatives over the past year to investigate how we can build communities of shared prosperity and opportunity. From the 2014 Urban Leadership Awardees—Maryland Governor Martin O’Malley and Project Home founders Sister Mary Scullion and Joan McConnon—to the 2014 conference “Bridging Growth and Opportunity” with the Federal Reserve Bank of Philadelphia, these themes were paramount.

As Penn IUR witnessed first-hand at the April 2014 World Urban Forum in Medellín Colombia, there is a global need for translational research that puts best practices and lessons learned into the hands of local leaders, policymakers, and practitioners. *Revitalizing American Cities*, one of this year’s volumes published by Penn Press in Penn IUR’s *The City in the 21st Century* series, looks at the ways in which cities across the country are creating prosperity in a changing economy, and provides useful data and tools in a manner that is accessible to a wide audience. The book series and Penn IUR’s other communication tools are linking the expertise at Penn and cutting-edge research to the rest of the world.

Penn IUR’s activities not only bridge audiences and disciplines but also link Penn’s emerging scholars with thought leaders and renowned experts. The Undergraduate Urban Research Colloquium, Penn IUR-sponsored programs for the Master of Urban Spatial Analytics, and Penn IUR’s doctoral activities provide students at all levels with opportunities to learn from internationally renowned experts and from one another in stimulating and nurturing forums ranging from the classroom to symposia and workshops.

I have been with Penn IUR for approximately ten years. It is remarkable how far Penn IUR has evolved and I thank the entire Advisory Board for their commitment to Penn IUR’s diverse and ambitious portfolio. I speak for the Board membership in thanking Penn’s administration—President Amy Gutmann, Provost Vincent Price, and Vice Provost for Research Dawn Bonnell—for their continued support and Penn’s community—faculty, students, and staff—for their continued engagement.



VINCENT PRICE

Provost

A MESSAGE FROM THE PROVOST & VICE PROVOST FOR RESEARCH

Founded in 2004, the Penn Institute for Urban Research now looks toward its second decade as one of the most vital elements of the University’s core missions: inclusion, innovation, and impact.

Making connections across twelve Penn Schools, among diverse faculty members and students, and outward to the city and the world, Penn IUR generates the new conversations, perspectives, and ideas that are necessary to address the world’s existing and emerging urban challenges. By supporting this University-wide work, Penn IUR’s activities promote research on some of the most economically productive places on Earth, as well as some of the most poverty-stricken. In an urban world increasingly riven by economic disparities, this work is more important than ever. Moreover, it exemplifies the highest aspiration of research at Penn: producing new knowledge that can make a tangible impact on the world’s most significant and urgent challenges.

In forging collaborations across the University, Penn IUR creates vital opportunities for both students and faculty. Such initiatives as the Undergraduate Urban Research Colloquium, the Masters of Urban Spatial Analytics, and dedicated support for urban-focused doctoral candidates help produce the next generation of urban scholars. Forums such as the Penn IUR Faculty Fellows group and the Penn Humanities+Urbanism+Design Initiative create the cross-disciplinary connections that facilitate new insights from Penn researchers. At the same time, Penn IUR’s programming and publications advance the work done by Penn scholars and other urban experts to global students, academics, policymakers, and practitioners.

We join the entire Penn community in looking forward to another decade—and many more—of invaluable research and scholarship for the benefit of urban environments around the world.



EUGÉNIE L. BIRCH

Co-Director,
Penn Institute for
Urban Research



SUSAN M. WACHTER

Co-Director,
Penn Institute for
Urban Research

A MESSAGE FROM THE PENN IUR CO-DIRECTORS

This year, Penn IUR crossed a major milestone—we turned ten! As you will see in this report, Penn IUR programs, initiatives, publications, and networks are increasing Penn's reach on urban issues world-wide. It has been our extreme privilege to direct Penn IUR and work with all of the partners at Penn and beyond who have made this possible. Without our partners, it would not be possible to examine the most pressing matters facing cities—from health and crime to education and housing. Building cities of shared prosperity necessitates an interdisciplinary and cross-sectoral approach that can only be achieved by bridging the academy and the field and by spanning intellectual silos.

At the start of 2014, Penn IUR launched a year-long celebration, marking its tenth anniversary with a special event each month. These events showcased the key partnerships that have helped shape Penn IUR over the last decade, exploring the questions that must be addressed in an increasingly urbanized world. In January, we celebrated the release of *Revitalizing American Cities*, an edited volume in Penn IUR's book series with Penn Press, *The City in the 21st Century*. The book emerged from the 2012 Philadelphia Federal Reserve Bank biennial conference on the health of older industrial cities. This is the third book to result from this partnership that Penn IUR and the Fed initiated in 2008; a fourth conference took place in the spring of 2014 and another volume, tentatively titled *Building Shared Prosperity in America's Communities*, is in the works. In February, we celebrated Penn's theme of the year, *Sound*, with a lively event hosted by Nick Spitzer of public radio's *American Routes*. Spitzer shared his own scholarly insights on the linkages between music, culture, and urban identities and facilitated a conversation with renowned Philadelphia musicians. In March, we presented the Tenth Annual Urban Leadership Awards, presenting awards to the team behind Project Home, Sister Mary Scullion and Joan McConnon, whose work in Philadelphia shines as an international example of how to transform cities and neighborhoods into places of opportunity, and to Governor Martin O'Malley of Maryland, whose innovative policies have shaped cities across Maryland into models of sustainability. The Urban Leadership Awards kicked off a two-day research summit with Penn IUR's Faculty Fellows and other experts from around the world. In April, we

celebrated our decade-long partnership with the Master of Urban Spatial Analytics program and its contributions to furthering geo-spatial urban scholarship by bringing together faculty, alumni, and leading practitioners. In May, we closed the spring semester with our steadfast partner, Dean Afaf Meleis and the School of Nursing, with the "Healthy Cities, Healthy Women: The Global Future" conference. This conference is just the latest collaboration with the School of Nursing in our seven-year partnership to examine issues of health and urban communities. In Fall 2014, we will continue the celebration with more thought-provoking programs.

This year, Penn IUR continued to build global partnerships, furthering Penn's position and providing new opportunities for the University as a premier center of urban research. In April 2014, Eugénie Birch was elected Chair of the World Urban Campaign Steering Committee after serving as its co-chair for four years. Through this leadership position, Penn IUR will help shape the conversations leading up to Habitat III, the United Nations' major international conference, held every twenty years, on sustainable development policies and practices. Susan Wachter led the development of a new partnership with the Korea Research Institute for Human Settlements (KRIHS) to undertake joint research and publication in order to foster innovative urban development strategies and illuminate the role of anchor institutions globally. These are just two examples of the kinds of relationships Penn IUR will continue to pursue in the years to come in order to ensure Penn's preeminence in the field of urban research.

We sincerely thank President Amy Gutmann, Provost Vincent Price, Vice Provost Dawn Bonnell, the Penn IUR Advisory Board and Executive Committee, and Penn IUR's funders and donors for providing the support we have needed over the last year, and the nine before it, to carry out Penn IUR's mission and goals.

THIS YEAR, PENN IUR FURTHERED NUMEROUS RESEARCH INITIATIVES TO INFORM THE SUSTAINABLE CITY, PROMOTE BEST PRACTICES, TRANSLATE URBAN RESEARCH FOR DIVERSE AUDIENCES, APPLY GEO-SPATIAL TOOLS TO CRITICAL URBAN ISSUES, AND BRIDGE RESEARCH AND INSTRUCTION HERE AT PENN.

CURRENT RESEARCH INITIATIVES



THE FUTURE OF TRANSFORMING CITIES: DEVELOPING CROSS-SECTORAL SOLUTIONS

Penn IUR's "The Future of Transforming Cities" program is part of The Rockefeller Foundation's "Visionaries Unbound" initiative, an effort to identify key trends, critical barriers, and important opportunities for action in four program areas: cities, ecosystems, health, and employment. Penn IUR's program has a two-stage approach.

VISIONARIES UNBOUND

In its first stage, Penn IUR partnered with the Forum for the Future and The Economist Group to run a multi-day seminar in August 2013 for experts drawn from academia, government, and the private and non-governmental sectors to explore how to make cities more sustainable and inclusive.

The group identified continued rapid urbanization, increasing gaps in the provision of urban public goods—basic infrastructure, housing, and social services—and widening income disparities as key trends. They enumerated critical barriers to filling the gaps as poor planning and shorttermism, vulnerability to climate shocks, and potential for social unrest. They then proposed an array of potential solutions including galvanizing big data, developing unused rooftops, and using land for public good.

For more information including the special issue of *The Economist* on transforming cities that Penn IUR co-produced, the concluding report from the meeting, and interviews with the meeting participants visit visionariesunbound.com/events/transforming-cities.

GLOBAL URBAN COMMONS

In its second stage, Penn IUR convened a larger group of scholars for an urban-focused research summit in March 2014, "Sustainable Urbanization: Place Matters." The output, Global Urban Commons,

THE GROUP IDENTIFIED
CONTINUED RAPID URBANIZATION,
INCREASING GAPS IN THE
PROVISION OF URBAN PUBLIC
GOODS—BASIC INFRASTRUCTURE,
HOUSING, AND SOCIAL SERVICES—
AND WIDENING INCOME
DISPARITIES AS KEY TRENDS.



is a knowledge-sharing platform that identifies and unites urban-focused researchers from around the world. The Global Urban Commons will be available in beta form in September 2014.

Visit penniur.upenn.edu for more information on this developing initiative.

ENERGY EFFICIENT DEVELOPMENT IN THE ASIA PACIFIC: ADVANCING BEST PRACTICES

In partnership with the Taiwan Institute for Economic Research (TIER), and funded by Taiwan's Council on Economic Development (CEDP), Penn IUR has developed and maintained a knowledge-sharing platform (KSP) for the Energy Smart Communities Initiative (ESCI) of the Asia-Pacific Economic Cooperation (APEC) Energy Working Group (EWG).

ESCI was launched as a joint initiative by U.S. President Obama and Japanese Prime Minister Kan at the 2010 APEC Leaders

Meeting and later taken up by the EWG. Now in its third year of development, The ESCI-KSP provides APEC economies with case studies on energy efficient design and best practices in the areas of transportation, buildings, smart grids, and green employment. Its purpose is to aid APEC economies in achieving their energy intensity reduction goals across these topical areas. Penn IUR introduced the ESCI-KSP Best Practices Awards to recognize the "best of the best" examples of energy efficient design throughout the APEC region. In November 2013 six projects were awarded in Da Nang, Vietnam. Spurred in part by the attention garnered from the Best Practices Awards and from improvements to the website interface, dozens of new projects and reports were added to the ESCI-KSP over the last year. The newly added content strengthens the already significant knowledge base contained within the ESCI-KSP, making it a useful and relevant resource for decision-makers in the Asia-Pacific.

For more information visit esci-ksp.org.



Previous page: Green Wall at Semiahmoo Library in Surrey, British Columbia. Photo by user *danna* (*curious tangles*) via Flickr.

Opposite page: Attendees of Penn IUR's "The Future of Transforming Cities" attended seminars and proposed potential solutions to problems facing cities.

Top left: Favelas in Ecuador.

Top right: Innovation in building technology and design techniques has made it possible to build low-energy buildings, but adoption of these methods has been slow. At right is the GlaxoSmithKline Administration Building in Quebec.



Bottom: Freight transportation is a major contributor to energy use and carbon emissions in the APEC economies; strategies are being implemented to improve the energy efficiency of moving goods via multiple modes of transit. The ESCI-KSP features reports and projects on this topic.

CONSORTIUM FOR BUILDING ENERGY INNOVATION RESEARCH DIGEST: TRANSLATING SCHOLARSHIP

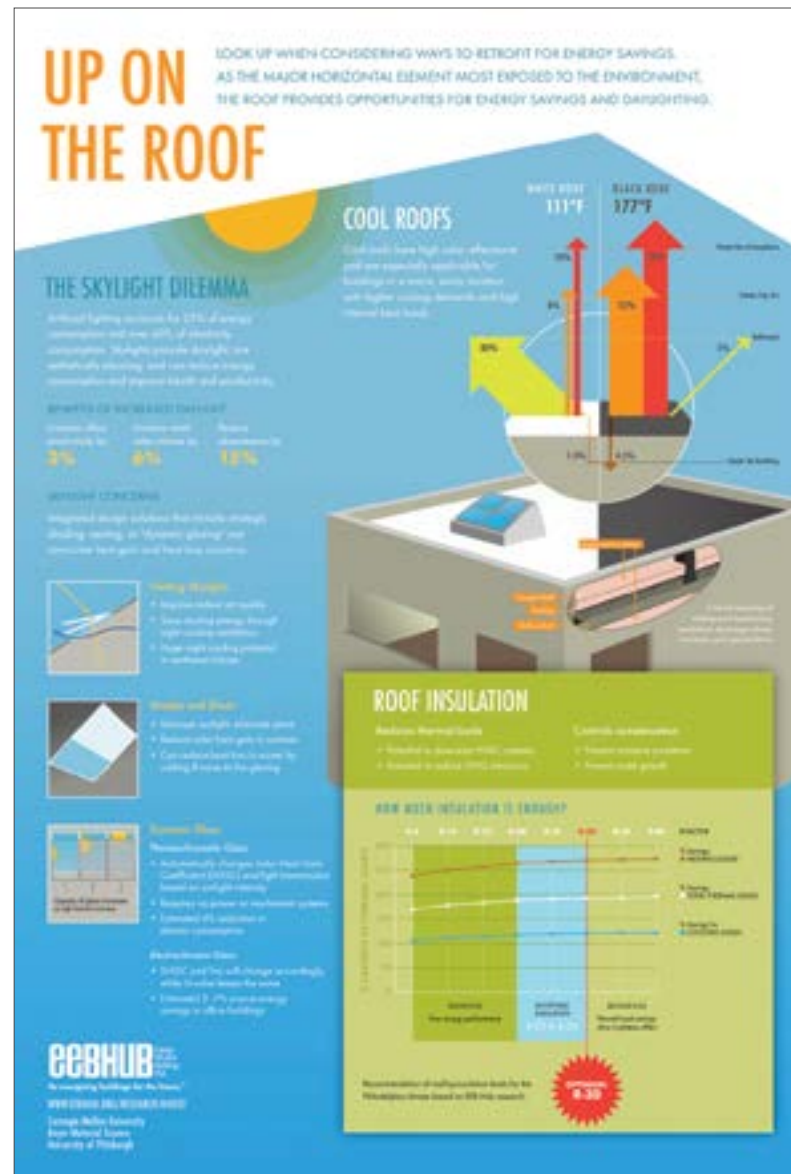
The Consortium for Building Energy Innovation (CBEI; formerly called the Energy Efficient Buildings Hub), based at the Philadelphia Navy Yard, was established by the U.S. Department of Energy (DOE) in 2011 as one of three innovation clusters to stimulate innovative research on the deep retrofits required make the nation's building stock more energy efficient. Involving fourteen partners from academia and practice, its goal is to develop market-tested pathways to achieve 50 percent energy reduction in existing small- and medium-sized commercial buildings by 2030.

The CBEI Research Digest, developed and managed by Penn IUR, shares CBEI's findings with building owners, operators, tenants, designers, financiers, policymakers, suppliers, educators, and students. This year, the Research Digest covered timely topics such as best practices for implementing energy efficient building systems, the use of integrated design, amending building codes, advances in modeling and simulation, green jobs training, and energy efficiency retrofit financing. Penn IUR also developed case studies of building retrofit projects for the Research Digest. Penn IUR works closely with CBEI's researchers to develop the news reports, videos, and infographics that translate researchers' technical findings for a diverse audience.

For more information visit research.cbei.psu.edu.

INDICATORS FOR URBAN SUSTAINABLE DEVELOPMENT: MEASURING PROGRESS

The Sustainable Communities Indicator Catalog (SCIC) is a web-based tool that enables communities to benchmark and track their progress toward the Partnership for Sustainable Communities' Livability Principles. With funding from the Ford Foundation, Penn IUR developed the SCIC for the Partnership for Sustainable Communities (PSC), an alliance of three federal agencies: Housing and Urban Development (HUD), the Department of Transportation (DOT), and the Environmental Protection Agency (EPA). Penn IUR researchers consulted with a wide variety of stakeholders in crafting the SCIC.



Top: Roofs can either be a major energy drain or an opportunity for energy savings. Penn IUR helps explain the principles behind CBEI's research into best practices in improving the energy performance of rooftops.

Bottom: Green stormwater management is a strategy for improving urban watersheds. Photo by Aaron Volkening, via Flickr.



THE "REINVENTING OLDER COMMUNITIES" CONFERENCE, CO-SPONSORED BY PENN IUR, EXPLORED WAYS IN WHICH OLDER COMMUNITIES ARE PURSUING GROWTH THROUGH ECONOMIC DEVELOPMENT, CHALLENGED PARTICIPANTS TO THINK ABOUT THESE EFFORTS IN INCLUSIVE WAYS, AND IDENTIFIED AND SHARED STRATEGIES AND POLICY TOOLS THAT CREATE OPPORTUNITIES FOR LOW- AND MODERATE-INCOME PEOPLE AND COMMUNITIES.

The SCIC is a set of flexible indicators scalable to communities of varying sizes and goals. Its searchable database allows communities to select indicators appropriate to their projects and desired outcomes. The SCIC highlights thirty-one priority indicators and equity measures, describing how each relates to sustainability, offering instruction on its use and interpretation, and providing examples of its use in U.S. cities.

In 2014, Penn IUR helped PSC launch the Catalog in beta form. Penn IUR continues to assist PSC in testing and improving the tool prior to its public unveiling.

For more information visit sustainablecommunities.gov, where the Catalog will be accessible in the coming months.

REINVENTING OLDER COMMUNITIES: BRIDGING GROWTH & OPPORTUNITY

Penn IUR co-sponsored and helped organize the Philadelphia Federal Reserve Bank's sixth biennial "Reinventing Older Communities" conference. The conference explored ways in which older communities are pursuing growth through economic development, challenged participants to think about these efforts in inclusive ways, and identified and shared strategies and policy tools that create opportunities for low- and moderate-income people and communities. Presentations and break-out sessions covered topics ranging from the role of transportation in connecting low- and moderate-income workers to jobs; emerging tools that expand access to capital and bring high-quality financial services

and products to people of all income levels; data and market-based strategies to create effective economic development decisions at the neighborhood level; approaches to bringing sustainable practices to low-income communities; and ways to support students from low- and moderate-income households.

Speakers included Angela Glover Blackwell, Founder and CEO, PolicyLink; Raj Chetty, William Henry Bloomberg Professor of Economics, Harvard University; Jeremy Nowak, President of J. Nowak and Associates, LLC and Chair of the Board of the Federal Reserve Bank of Philadelphia; Manuel Pastor, Director of the Program for Environmental and Regional Equity, Co-Director of the Center for the Study of Immigrant Integration, and Professor of Sociology and American Studies and Ethnicity, University of Southern California; the Honorable Edward G. Rendell, Former Governor of Pennsylvania; Susan Wachter, Co-Director, Penn IUR; and Mark Zandi, Chief Economist, Moody's Analytics.

The conference drew more than 450 people, including community leaders, developers, planners, government leaders, bankers, researchers, and foundation representatives.

Susan Wachter, Co-Director of Penn IUR, and Lei Ding, Community Development Economic Advisor at the Federal Reserve Bank of Philadelphia, are editing the volume that is coming out of the conference; tentatively entitled *Building Shared Prosperity in America's Communities*, the volume will feature papers authored by eminent scholars in the field.



This year, the Spatial Integration Laboratory for Urban Systems research team assessed economic incentives to enhance the quantity and value of urban ecosystem services in Philadelphia's Schuylkill River watershed. Photo by B. Krist for GPTMC.

SPATIAL INTEGRATION LABORATORY FOR URBAN SYSTEMS: MAPPING VULNERABILITIES & RESILIENCE

The Spatial Integration Laboratory for Urban Systems (SILUS) is a research collaborative between Penn IUR, the Wharton GIS Lab, and the U.S. Geological Survey (USGS) that evaluates economic, natural resource, and environmental policy issues in an urban and regional setting. In the third year of this five-year initiative, the research team has examined the role cities can play in the preservation and development of urban ecosystem services.

Research this year assessed the potential role of market-based economic incentives (through a multi-permit trading program) to enhance the quantity and value of urban ecosystem services in Philadelphia's Schuylkill River watershed. In addition, researchers developed scenarios to prioritize investment decisions for earthquake hazard mitigation (gislab.wharton.upenn.edu/silus-research.htm). The paper "Measuring Earthquake Risk Concentration for Hazard Mitigation" by Penn IUR Scholar Richard Bernknopf, Research Professor in the Department of Economics at the University of New Mexico, and Paul Amos, Director of Wharton's GIS Lab, is forthcoming in the journal *Natural Hazards* and reports on these findings. In 2014, SILUS issued "Urban Ecosystem Services and Decision-Making: A Green Philadelphia," a report that summarized and expanded a Spring 2013 convening of policymakers, practitioners, and researchers from a range of disciplines on this topic (see page 39).

THE PENN HUMANITIES+URBANISM+DESIGN INITIATIVE: FOSTERING INTERDISCIPLINARY URBAN RESEARCH

The Penn Humanities+Urbanism+Design (Penn H+U+D) Initiative, sponsored by the Mellon Foundation, is a five-year collaboration of the School of Design, School of Arts and Sciences, and Penn IUR that brings together students and faculty to explore cities (past, present, and future), examining them at the intersection of the humanities and design disciplines and sharing research through teaching, conference participation, and publication. It draws on Penn's strengths in design, urban studies, and the humanities, creating a multi-disciplinary setting for the study of the built environment in which students and faculty can share and combine their research and analytical methods in ways that will greatly enrich their work and heighten its impact.

The Penn program is one of several from universities across the United States and Europe. Also involved are the London School of Economics, University of California–Los Angeles, Cornell University, Princeton University, University of Michigan, New York University, and others.

Launched in Fall 2013, Penn H+U+D focuses on two major activities: a bi-weekly faculty colloquium designed to foster new research synergies between traditionally siloed disciplines in the humanities and design, and sponsorship of new courses that integrate knowledge from both fields at the undergraduate and graduate levels. For example, in Spring 2014, faculty jointly taught an undergraduate course, "The City," and a graduate course, "Architects, Historians, and the Invention of Modern Architecture." Next year will bring more new courses, including "Paris, Then and Now" co-taught by a scholar of French and a city planner. Four design studio courses will include critics from the humanities.

For more information visit humanitiesurbanismdesign.net.



Bottom: Artist Ken Lum's "From Shangri La to Shangri La" (2010) are replicas of illegal housing that was built from found wood on the littoral zone of North Vancouver, Canada in the 1960s, and later bulldozed by the city. Ken Lum, Professor and Director of Penn's Fine Arts Undergraduate Program, is a member of the H+U+D faculty colloquium. Photo courtesy of Ken Lum.

THROUGHOUT THE YEAR, PENN IUR ENGAGES VOICES FROM ACROSS THE GLOBE THROUGH SIGNATURE PROGRAMS THAT EXPLORE THE LATEST BEST PRACTICES AND NEWEST URBAN RESEARCH. THESE PROGRAMS INCLUDE THE PENN IUR ANNUAL URBAN LEADERSHIP FORUM, PENN IUR PUBLIC INTEREST SERIES, AND PENN IUR'S EXPERT ROUNDTABLES. THIS YEAR, PENN IUR AND THE EXPERTS IT CONVENED EXPLORED WIDE-RANGING TOPICS SUCH AS EQUALITY, MUNICIPAL FINANCE, ENERGY, ANCHOR INSTITUTIONS, PUBLIC HEALTH, RAPID URBANIZATION, URBAN WATER SYSTEMS, AND THE INTERSECTION OF MUSIC AND CITIES.

PUBLIC PROGRAMS & EXPERT MEETINGS



IN RECEIVING HIS AWARD, GOVERNOR O'MALLEY OFFERED HIS TAKE ON LEADERSHIP: "HOPE DRIVES BELIEF. BELIEF DRIVES ACTION. ACTION DRIVES RESULTS."

THE TENTH ANNUAL PENN IUR URBAN LEADERSHIP FORUM & AWARDS CEREMONY: CELEBRATING THOSE BUILDING EQUITABLE CITIES

Penn IUR celebrated its Tenth Annual Urban Leadership Forum on Thursday March 27, where it presented awards to urban visionaries for their leadership in promoting sustainable and inclusive cities. The 2014 awardees were Martin O'Malley, Governor of Maryland, and Sister Mary Scullion and Joan Dawson McConnon, the co-founders of Project HOME.

After a welcome from Penn IUR Advisory Board Chair Egbert Perry, Penn IUR Faculty Fellow Mark Allan Hughes introduced the Project HOME co-founders, noting that their project offers "something more than just regular fundraising." By making inroads against urban homelessness, "it bestows dignity upon donors and clients alike." In accepting the award, Sister Mary Scullion highlighted the importance of collaboration between academics and practitioners in the fight against homelessness. She urged audience members to "spread the message far and wide," since, she said, awareness is the first and necessary step towards a solution to homelessness. Joan Dawson McConnon discussed Project HOME's substantial progress throughout Philadelphia, mentioning new residential spaces in the Fairmount neighborhood in addition to many more projects to come, including work that will enhance public access to healthcare and quality education.

Manny Diaz, Penn IUR Advisory Board member and the former Mayor of Miami, presented the ULF award to Governor Martin O'Malley. Diaz lauded O'Malley for his leadership and accomplishments. In receiving his award, Governor O'Malley offered his take on leadership: "Hope drives belief. Belief drives action. Action drives results."

Penn IUR has recognized innovators in urban affairs through the Urban Leadership Award since 2005, presenting the honor annually in recognition of outstanding efforts in building a greater, more sustainable future for all. Past recipients include: Joan Clos, Executive Director of UN-HABITAT and former Mayor of Barcelona, Spain; Yael Lehmann, Executive Director of The Food Trust; Ridwan Kamil, Founder and Principal of Urbane Indonesia; Derek R.B. Douglas, Vice President for Civic Engagement, University of Chicago and former Special Assistant to President Barack Obama, White House Domestic Policy Council; Paul Levy, President & CEO, Philadelphia's Center City District; Lily Yeh, Global Artist and Founder, Barefoot Artists; Raphael Bostic, Assistant Secretary for Policy Development and Research, U.S. Department of Housing and Urban Development; Jane Golden, Executive Director, City of Philadelphia Mural Arts Program; Shirley Franklin, Mayor, City of Atlanta, GA; Parris Glendening, President, Smart Growth Leadership Institute, and former Governor, Maryland; Bruce Katz, Vice President & Founding Director of the Metropolitan Policy Program, the Brookings Institution; William Hudnut III, Senior Fellow Emeritus, Urban Land Institute, and former Mayor, Indianapolis, IN; Joseph P. Riley Jr., Mayor, City of Charleston, SC; and Donna Shalala, President, University of Miami and former Secretary of the U.S. Department of Health and Human Services.



Clockwise from top left: Manny Diaz with Governor Martin O'Malley, Joan Dawson McConnon, Sister Mary Scullion, and Egbert Perry.

PENN IUR PUBLIC INTEREST SERIES: SHOWCASING URBAN RESEARCH INNOVATION AT PENN & BEYOND

Penn IUR's public interest series includes lectures, seminars, and panel discussions designed to highlight key topics in urban research and best practices of relevance to Philadelphia, the nation, and the global community. The series includes the Sound and the City Seminar Series, which explores how Penn's theme year relates to the city. It also includes the Penn IUR Urban Book Talk Series, featuring contributors to Penn IUR and Penn Press's *The City in the 21st Century* series among others. This year, Penn IUR convened twenty-five public interest events.

SEPTEMBER 10, 2013

BANKRUPT: LESSONS FROM DETROIT'S FISCAL CRISIS

SPEAKERS

Gilles Duranton, Chair and Professor of Real Estate, Real Estate Department, The Wharton School

Robert P. Inman, Richard K. Mellon Professor of Finance, Economics, and Public Policy, The Wharton School

Jeremy Nowak, President of J. Nowak and Associates, LLC and Chair of the Board of the Federal Reserve Bank of Philadelphia

Thomas J. Sugrue, David Boies Professor of History and Sociology and Director of Penn's Social Science and Policy Forum

Susan Wachter and Eugénie Birch, Co-Directors, Penn IUR

COSPONSOR

Penn's Social Science and Policy Forum



SEPTEMBER 16, 2013

URBAN BOOK TALK: ED BACON: PLANNING, POLITICS, AND THE BUILDING OF MODERN PHILADELPHIA

SPEAKER

Gregory Heller, author, *Ed Bacon: Planning, Politics, and the Building of Modern Philadelphia* (University of Pennsylvania Press, 2013) and Senior Advisor at Econsult Solutions, Inc.

COSPONSOR

University of Pennsylvania Press

OCTOBER 11, 2013

PROVOST INTERDISCIPLINARY SEMINAR: LEGACY AND INNOVATION—UNLOCKING VALUE IN REGIONAL ENERGY ASSETS

COSPONSOR

Penn School of Design, in partnership with Penn IUR and several Penn departments

OCTOBER 14, 2013
URBAN BOOK TALK:
DRIVING DETROIT, THE QUEST FOR RESPECT IN THE MOTOR CITY

SPEAKER

George C. Galster, author, *Driving Detroit* (University of Pennsylvania Press, 2012), and the Clarence Hilberry Professor of Urban Affairs at Wayne State University

COSPONSOR

Department of City and Regional Planning, Penn School of Design

OCTOBER 31, 2013
**THE POWER OF EDS AND MEDS:
HOW URBAN UNIVERSITIES ARE LEADING
NEIGHBORHOOD REVITALIZATION AND
INNOVATION-BASED ECONOMIC DEVELOPMENT**

SPEAKERS

Craig R. Carnaroli, Executive Vice President, University of Pennsylvania

Nim Chinniah, Executive Vice President for Administration and Chief Financial Officer, The University of Chicago

Gayle Farris, Principal, GB Farris Strategies

Andrew Frank, Special Adviser to the President on Economic Development, Johns Hopkins University

Katie Lapp, Executive Vice President, Harvard University

Robert Steel, Deputy Mayor for Economic Development, City of New York

COSPONSOR

Penn's Office of the Executive Vice President



NOVEMBER 11, 2013
URBAN BOOK TALK:
THE CITY AFTER ABANDONMENT

SPEAKERS

Margaret Dewar, co-editor of *The City After Abandonment* (University of Pennsylvania Press, 2013) and Professor of Urban and Regional Planning at Taubman College of Architecture and Urban Planning, University of Michigan

Robert A. Beauregard, contributing author and Professor of Urban Planning in the Graduate School of Architecture, Planning, and Preservation, Columbia University

Laura J. Lawson, contributing author and Professor and Chair, Department of Landscape Architecture, Rutgers, The State University of New Jersey

Dale Thomson, contributing author and Associate Professor of Political Science, University of Michigan–Dearborn

COSPONSOR

University of Pennsylvania Press

NOVEMBER 15, 2013
PENN IUR SESSION AT
**INDIA AS A PIONEER IN INNOVATION:
CONSTRAINTS AND OPPORTUNITIES,
A UNIVERSITY OF PENNSYLVANIA CONFERENCE**

SPEAKERS

Aro Revi, Director, Indian Institute of Settlements, and Co-Chair, UN Sustainable Development Solutions Network, Thematic Group 9 Sustainable Cities: Inclusive, Resilient, and Connected

Chetan Vaidya, Director School of Planning and Architecture, New Delhi Chairman, All India Planning Education Board of AICTE

Brian English, Director, Office of Program Innovation, Global Communities, Silver Spring, Maryland

NOVEMBER 25, 2013
SOUND AND THE CITY SEMINAR SERIES:
HEARING URBAN AFTERLIVES:
SENSING THE PAST IN APPALACHIAN OHIO

SPEAKERS

Marina Peterson, Associate Professor of Performance Studies at Ohio University, co-editor of *Global Downtowns* (University of Pennsylvania Press, 2011), and author of *Sound, Space, and the City: Civic Performance in Downtown Los Angeles* (University of Pennsylvania Press, 2010)

Mimi Sheller, Director of Center for Mobilities Research and Policy and Professor of Sociology, Drexel University

Gary McDonogh, Professor, Growth and Structure of Cities Department, Bryn Mawr College

Thaddeus Squire, Founder and Managing Director, CultureWorks Greater Philadelphia

COSPONSOR

Provost's Office Year of Sound

DECEMBER 5, 2013
URBAN BOOK TALK: ENGINEERING PHILADELPHIA,
THE SELLERS FAMILY AND THE INDUSTRIAL METROPOLIS

SPEAKER

Domenic Vitiello, author of *Engineering Philadelphia* (Cornell University Press, 2013) and Professor of City and Regional Planning, Penn School of Design

JANUARY 22, 2014
THE LEGACY OF URBAN RENEWAL (WASHINGTON, D.C.)

SPEAKERS

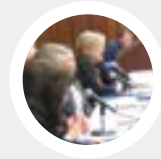
Greg Heller, author, *Ed Bacon: Planning, Politics and the Building of Modern Philadelphia* (University of Pennsylvania Press, 2013)

Lionel Lynch, Principal, HR&A Advisors

Anthony A. Williams, CEO and Executive Director, Federal City Council and former Mayor of Washington, D.C. (1999–2007)

COSPONSORS

National Building Museum and the Urban Land Institute—Washington, D.C.



JANUARY 29, 2014
URBAN BOOK TALK: REVITALIZING AMERICAN CITIES
(UNIVERSITY OF PENNSYLVANIA PRESS, 2013)

—PENN IUR 10TH ANNIVERSARY EVENT—

In 2014 Penn IUR celebrated its tenth anniversary with special monthly events to showcase the many individuals and institutions that have helped shape Penn IUR and its signature interdisciplinary programs and publications over the last decade. To give special recognition to *The City in the 21st Century* book series with Penn Press, Penn IUR held a special launch event for *Revitalizing American Cities*, edited by Susan Wachter and Kimberly Zeuli. The latest release in the series, it signifies a long-standing partnership with the Federal Research Bank of Philadelphia: for four consecutive conferences, Penn IUR has helped the Bank infuse the conference program with cutting-edge urban scholarship and produce a companion publication.

Revitalizing American Cities explores the historical, regional, and political factors that have allowed some industrial cities to regain their footing in a changing economy. The January 29 book talk welcomed roughly 150 members of the public to a panel discussion featuring the book's editors and several contributors, including **Paul Brophy**, Principal at Brophy & Reilly LLC; **Steven Cochrane**, Managing Director of Moody's Analytics; **Catherine Tumber**, Visiting Scholar at Northeastern University's School of Public Policy and Urban Affairs; **Kimberly Zeuli**, Senior Vice President & Director of Research and Advisory Services, Initiative for a Competitive Inner City (ICIC); and **Eugénie Birch** and **Susan Wachter**, Co-Directors of Penn IUR and editors of *The City in the 21st Century* series.

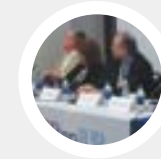
FEBRUARY 19, 2014
PLANNING AND PUBLIC HEALTH SPRING FILM SERIES,
PART 1 OF 4: UNNATURAL CAUSES:
IS INEQUALITY MAKING US SICK? (2009)

COSPONSORS

Department of City and Regional Planning, Penn School of Design

Penn's Center for Public Health Initiatives

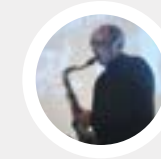
Planners Network



FEBRUARY 24, 2014
HUD-SPONSORED DIALOGUE ON WORLD
URBAN FORUM 7: RESEARCH TO PRACTICE:
BUILDING SCHOLARSHIP CRITICAL TO
BUILDING A SUSTAINABLE URBAN FUTURE

Penn IUR is helping to shape the world agenda on cities through engagement with the World Urban Forum (WUF) 7, the world's premier conference on cities, which was held in Medellín, Colombia April 5–11.

In anticipation of the conference, Penn IUR collaborated with the U.S. Department of Housing and Urban Development, UN-HABITAT's World Urban Campaign, and Next City to present on February 24 an interactive discussion with a panel of leading thinkers in urban development. The event concentrated on the challenges of urban planning and sustainability, and on how research informs practical innovations in urban resilience and equity. Speakers included **Ana Marie Argilagos**, Deputy Assistant Secretary, Office for International and Philanthropic Innovation, U.S. Department of Housing and Urban Development; **Eugénie Birch**, Co-Director, Penn IUR; **Shahana Chattaraj**, former Postdoctoral Fellow, Penn's Lauder Institute; **Yamina Djacta**, Officer in Charge, New York Office, UN-HABITAT; **Maureen George**, Assistant Professor, Family and Community Health, Penn School of Nursing; **David Gouverneur**, Associate Professor of Practice, Landscape Architecture, Penn School of Design; **Albert Han**, Doctoral Candidate, City and Regional Planning, Penn School of Design; **Mark Alan Hughes**, Professor of Practice, City and Regional Planning, Penn School of Design; **Devesh Kapur**, Associate Professor of Political Science and Director of Penn's Center for the Advanced Study of India; **Neelanjana Sircar**, Visiting Dissertation Research Fellow, Penn's Center for the Advanced Study of India; **Harris Steinberg**, Executive Director, Penn Praxis; **Richard Voith**, President & Principal, Econsult Solutions; and **Susan Wachter**, Co-Director, Penn IUR.



FEBRUARY 27, 2014
PENN IUR SOUND AND THE CITY SEMINAR SERIES,
CITY SOUNDSCAPES: MUSIC, WORDS AND
IDENTITIES IN URBAN AMERICA

—PENN IUR 10TH ANNIVERSARY EVENT—

On February 27, Penn IUR hosted a tenth anniversary event as part of the Sound and the City Seminar series that involved a discussion of the intersection of cities, music, and urban culture in Philadelphia, and was followed by a series of live music performances. The event was made possible with funding from the Office of the Provost in celebration of the Year of Sound and was co-sponsored by the School of Arts and Sciences' Urban Studies Program.

Attendees heard introductory remarks from **Kathy Peiss**, the Roy and Jeanette Nichols Professor of American History at the University of Pennsylvania.; **Nick Spitzer**, Producer of public radio's *American Routes* and Professor of American Studies and Anthropology at Tulane University in New Orleans, delivered a keynote lecture about Philadelphia's incredibly rich culture and music history, from the long-lost jazz palaces and the musicians whose names adorned their marquees to the myriad artists of today with local ties, including Jill Scott, John Legend, and The Legendary Roots Crew. Spitzer then conducted a series of impromptu interviews with the musical guests including **Jimmy Heath**, NEA jazz master saxophonist and leader of Philadelphia's Heath Brothers; **Sam Reed**, jazz saxophonist and bandleader at the Uptown Theater in the '50s and '60s; **Elaine Hoffman Watts** and **Susan Watts**, mother-daughter, trumpet-drum klezmer duo; the **Budesa Brothers with Lucky Thompson**, organ trio; and **Frankie and the Fashions**, four-part, doo-wop harmony group. The event, which drew a crowd of more than 200, went well into the evening as the musicians took turns playing short sets and trading stories with the guests.

MARCH 5, 2014

**PLANNING AND PUBLIC HEALTH SPRING FILM SERIES,
PART 2 OF 4: THE WEIGHT OF THE NATION (2012)**

COSPONSORS

Department of City and Regional Planning, Penn School of Design
Penn's Center for Public Health Initiatives
Planners Network

MARCH 27, 2014

**THE FUTURE OF URBANIZATION:
WHAT CAN WE LEARN FROM ASIAN CITIES?**

—PENN IUR 10TH ANNIVERSARY EVENT—

SPEAKERS

Abha Joshi-Ghani, *Director, Knowledge and Learning,
The World Bank Institute*

Bimal Patel, *President, CEPT University*

Anthony Yeh, *Dean of the Graduate School, University of Hong Kong*

Susan Wachter, *Co-Director, Penn IUR*

COSPONSOR

The Rockefeller Foundation



APRIL 5–11, 2014

**PENN IUR AT THE WORLD URBAN FORUM,
MEDELLÍN, COLOMBIA**

The dialogue begun in February continued at WUF 7. There, Penn IUR Co-Director Eugénie Birch was elected Chair of the United Nations Human Settlements Programme's (UN-HABITAT's) World Urban Campaign (WUC), a global coalition of public, private, and civil society partners acting to promote sustainable urbanization. Previously, Birch served as Co-Chair of the WUC for four years. Birch was elected to her new role as Chair for a two-year term ending in 2016.

At WUF 7, Penn IUR mounted an exhibit to disseminate information on its relevant projects and publications. To animate the booth, Penn IUR hosted a "Meet the Researchers" lunchtime presentation series which featured emerging and senior urban scholars. Speakers included **Gregory Scruggs**, M.A. candidate in Regional Studies of Latin America and the Caribbean, Columbia University; **Janice Perlman**, founder and President, The Mega-Cities Project; **Paul Farmer**, CEO, American Planning Association (APA) and the American Institute of Certified Planners (AICP); **Caroline Cheong**, PhD Candidate, City and Regional Planning, University of Pennsylvania; **Eugénie Birch**, Co-Director, Penn IUR; **Beth Chitekwe-Biti**, Director, Dialogue on Shelter Zimbabwe; **Mark Alan Hughes**, Professor of Practice, Penn School of Design; and **Elise Harrington**, Research Associate, Penn School of Design. WUF is organized by UN-HABITAT, a United Nations agency that promotes socially and environmentally sustainable cities with the goal of providing adequate shelter for all.

WUF is held every two years to bring together leaders from government, NGOs, research, and the private sector to help solve problems of urban sustainability. WUC was launched in Rio de Janeiro, Brazil, in 2010, at UN-HABITAT's 5th WUF.

APRIL 9, 2014

**PLANNING AND PUBLIC HEALTH SPRING FILM SERIES,
PART 3 OF 4: THIS SPACE AVAILABLE (2011)**

COSPONSORS

Department of City and Regional Planning, Penn School of Design
Penn's Center for Public Health Initiatives
Planners Network

APRIL 9, 2014

**URBAN BOOK TALK: THE BATTLE FOR
GROUND ZERO: A TALK ON ARCHITECTURE,
PUBLIC SPACE AND DEMOCRACY**

SPEAKER

Elizabeth Greenspan, *author, Battle for Ground Zero
(Palgrave Macmillan, 2013) and Lecturer, Harvard University*

COSPONSOR

Penn's Urban Studies Program

APRIL 10, 2014

**URBAN WATER SOLUTIONS IN THE
DEVELOPING WORLD (DREXEL UNIVERSITY)**

KEY SPEAKERS

Kusum Athukorala, *Women for Water Partnership, Sri Lanka*

Janine Cooper, *Representative to the African Union,
Economic Commission for Africa*

HOST

Philadelphia Global Water Initiative

APRIL 16, 2014

**PLANNING AND PUBLIC HEALTH SPRING FILM SERIES,
PART 4 OF 4: ADDICTION INCORPORATED (2011)**

COSPONSORS

Department of City and Regional Planning, Penn School of Design
Penn's Center for Public Health Initiatives
Planners Network

APRIL 22, 2014

**MUSA EARTH DAY EVENT: URBAN STRATEGIES AND
INNOVATIONS FOR A SUSTAINABLE PLANET**

—PENN IUR 10TH ANNIVERSARY EVENT—

SPEAKERS

Shawn M. Garvin, *EPA Regional Administrator*

Sara Mazano-Díaz, *GSA Regional Administrator*

Colin Enssle, *Senior Manager, GE Water & Process Technologies*

Robert Cheetham, *President & CEO, Azavea*

Julie Ulrich, *Urban Strategies and Watershed Coordinator,
The Nature Conservancy*

John Landis, *Crossways Professor of City and Regional Planning,
Penn School of Design*

COSPONSORS

Penn School of Design and Wharton's Initiative for Global
Environmental Leadership

APRIL 28, 2014

**SPECIAL SESSION AT THE AMERICAN PLANNING
ASSOCIATION NATIONAL CONFERENCE, ATLANTA, GA:
PLANNING RESEARCH CENTERS DISCUSSION**

SPEAKERS

Eugénie Birch, *Co-Director, Penn IUR*

Catherine Ross, *Harry West Professor of City and Regional
Planning, Georgia Institute of Technology's College of
Architecture, and Director, Center for Quality Growth and
Regional Development (CQGRD)*

David Rouse, *Research Director, American Planning Association (APA)*

Rafael Tuts, *Coordinator, Urban Planning and Design Branch,
United Nations Human Settlements Programme (UN-HABITAT)*

HOST

American Planning Association

MAY 1–2, 2014
IMMIGRATION AND METROPOLITAN
REVITALIZATION: A CONFERENCE

SPEAKERS

Robert J. Sampson, *Henry Ford II Professor of the Social Sciences, Harvard University*

Amada Armenta, *Assistant Professor of Sociology, University of Pennsylvania*

Erick Guerra, *Assistant Professor of City and Regional Planning, Penn School of Design*

Marilynn Johnson, *Professor of History, Boston College*

Philip Kasinitz, *Professor of Sociology, City University of New York*

Michael Katz, *Walter H. Annenberg Professor of History, Penn School of Arts and Sciences*

Gary Painter, *Director of Research, Lusk Center for Real Estate, University of Southern California*

Gerardo Sandoval, *Assistant Professor of Planning, Public Policy and Management, University of Oregon*

Andrew Sandoval-Strausz, *Associate Professor of History, University of New Mexico*

Jacob Vigdor, *Professor of Public Policy and Economics, Duke University*

Domenic Vitiello, *Assistant Professor of City and Regional Planning, Penn School of Design*

Susan Wachter, *Co-Director, Penn IUR*

Stanton Wortham, *Judy and Howard Berkowitz Professor, Penn Graduate School of Education*

Jamie Winders, *Associate Professor, Geography, Syracuse University*

HOST

Penn's Social Science and Policy Forum

MAY 15, 2014
HEALTHY CITIES, HEALTHY WOMEN:
THE GLOBAL FUTURE

—PENN IUR 10TH ANNIVERSARY EVENT—

SPEAKERS

Afaf I. Meleis, *Margaret Bond Simon Dean of Nursing, Penn School of Nursing*

Edward G. Rendell, *former Governor of the Commonwealth of Pennsylvania*

Edna Adan Ismail, *Founder, Edna Adan Hospital, Somaliland*

Karen Glanz, *George A. Weiss University Professor, Penn School of Nursing*

Amy Hillier, *Associate Professor of City and Regional Planning, Penn School of Design*

Bridgette M. Brawner, *Assistant Professor of Nursing, Penn School of Nursing*

Sarah Di Troia, *COO, Health Leads*

Monica McCurdy, *President of Healthcare Services, Project HOME*

Shiriki K. Kumanyika, *Professor of Biostatistics and Epidemiology, Perelman School of Medicine*

Jeane Ann (JA) Grisso, *Professor Emerita of Public Health, Penn School of Nursing and Perelman School of Medicine*

T. Morgan Dixon, *Co-founder and CEO, GirlTrek*

HOST

Penn School of Nursing

PENN IUR EXPERT ROUNDTABLES:
LINKING POLICYMAKERS,
PRACTITIONERS, & SCHOLARS

Penn IUR's expert events and roundtable discussions provide an intimate setting where high-level policymakers, executives, and preeminent scholars can freely discuss the challenges they face in their work and, together, chart the way forward. These range from single to multi-day events, with audiences ranging from twenty to fifty individuals. Penn IUR, working with critical internal and external partners, convened five expert events this year. (Individuals' titles reflect their positions at the time of the event.)

AUGUST 13–14, 2013
TEACHING CASES ON THE NUTS AND BOLTS OF
RANDOMIZED CONTROLLED TRIALS IN EDUCATION

Penn IUR worked with the University of Pennsylvania's Predoctoral Training Program in Education Sciences and Northwestern University's Institute for Policy Research and Multidisciplinary Program in Education Sciences in hosting a two-day workshop that included presentations and discussion sessions on the reasons for and challenges in conducting social experiments to inform policy and practice, particularly in the field of education. Workshop participants included a star cast of national leaders in the design and conduct of social experiments using both individual-level and cluster-level randomization in the context of contentious policy issues and, sometimes, high stakes outcomes. The paper authors and commenters shared their valuable methodological experience and practical experience conducting randomized control trials with both other research leaders and with a large contingent of next generation education scholars from Penn and Northwestern. Each teaching case presented and discussed underscored the roles randomized control trials perform in generating reliable evidence on the impact of an important educational intervention aimed at addressing significant education and social policy concerns ranging from dropout prevention, to early childhood education, to issues of student's abilities and options to finance post-secondary education. A critical focus of each teaching case was the critical and, often, difficult aspects of designing and implementing a large-scale randomized control trial to obtain incontrovertible evidence about the nature, size, and significance of change caused by the focal change in policy or practice being evaluated—for example, subject recruitment and retention, monitoring implementation and cost of the intervention and documenting the treatment-control contrast, defining and measuring critical outcomes, and building and maintaining support

of the policy and practitioner communities. Three qualities of the event made it especially engaging and noteworthy: the national and international emphasis on evidence-based decision-making and social investment strategies; the breadth and richness of the featured studies, which included some of the earliest randomized controlled trials in education as well as more recent ones; and the skill of the presenters in translating their deep craft knowledge to a contemporary context with its expanded emphasis on building an evidence base of replicable, scalable, and cost-effective interventions.

KEY PARTICIPANTS

Charles Branas, *Professor of Epidemiology, Perelman School of Medicine*

Eric Bettinger, *Associate Professor of Education, Stanford University*

Kate Callahan, *Senior Research Associate, Research for Action*

Mike Garet, *Education Program Vice President & Institute Fellow, American Institutes for Research*

Sara Goldrick-Rab, *Professor of Educational Policy Studies and Sociology, University of Wisconsin–Madison*

Larry Hedges, *Board of Trustees Professor, Northwestern University*

Andrew Jicaw, *Chief Scientist, Empirical Education, Inc.*

Stuart Kerachsky, *former Acting Commissioner of the National Center for Education Statistics*

Ellen Kisker, *Managing Partner, Twin Peaks Partners, LLC*

John MacDonald, *Professor of Criminology and Sociology, Penn School of Arts and Sciences*

Rebecca Maynard, *University Trustee Professor of Education and Social Policy, Penn Graduate School of Education*

David Myers, *President & Chief Executive Officer, American Institutes for Research*

Denis Newman, *Chairman & CEO, Empirical Education, Inc.*
Phil Oreopoulos, *Professor of Economics, University of Toronto*
Rodrigo Pinto, *Researcher in Economics, University of Chicago*
Mike Puma, *President, Chesapeake Research Associates, LLC*
Raisa Reyes, *Associate Director of Strategic Growth, Year Up*
Allen Schirm, *Senior Fellow and Director of Methods, Mathematica Policy Research, Inc.*
Marsha Silverberg, *Economist, Institute of Education Sciences*
Matthew Steinberg, *Assistant Professor of Education, Penn Graduate School of Education*
Susan Wachter, *Co-Director, Penn IUR*



AUGUST 27–30, 2013 THE FUTURE OF TRANSFORMING CITIES

Penn IUR, with support from The Rockefeller Foundation and in partnership with the Forum for the Future and The Economist Group, convened a diverse group of global thought leaders to identify and test solutions to problems generated by urbanization and, in the process, inform the creation of resilient and equitable cities. *The Future of Transforming Cities* meeting, held at The Rockefeller Foundation's Bellagio Center in Bellagio, Italy, brought together twenty-three global leaders from corporations, universities, governments, banks, and nonprofit organizations; participants came from ten countries and fourteen cities throughout Asia, Africa, Europe, and the United States.

The convening grew from the premise that cities create both opportunities and vulnerabilities; shifting the balance toward the former and away from the latter will require the work of many people from many fields working together toward a robust and flexible long-term vision. Building on this premise, the intensive three-day meeting identified broad trends affecting cities, explored the multiple potential futures made possible by these trends, and proposed concrete projects to move cities closer to resilience and equity. The meeting was structured to take advantage of the diversity of perspectives afforded by the many geographic and professional backgrounds represented, a strategy intended to generate ideas that would be both innovative and informed by multiple viewpoints.

KEY PARTICIPANTS

Nicholas K. Banda, *Deputy Minister, Local Government and Housing, Zambia*
Eugénie Birch, *Co-Director, Penn IUR*
Albert Chan, *Director, Planning and Development, Shui On Land*
Joan Clos, *Undersecretary and Executive Director, United Nations, Human Settlement Programme (UN-HABITAT)*
Ashvin Dayal, *Managing Director, The Rockefeller Foundation*
Jinsong Du, *Managing Director, Head of Real Estate Research, Credit Suisse*
Yu Gao, *China Country Director, Landesa Rural Development Institute*
Robert Garris, *Managing Director, The Rockefeller Foundation*
Haripasad Hegde, *Global Head—Operations, Wipro Ltd.*
Karin Ireton, *Director, Sustainability, The Standard Bank South Africa Ltd.*
Ferdous Jahan, *Associate Professor of Public Administration, University of Dhaka; Academic Coordinator, BRAC Development Institute*
Claudia Juech, *Managing Director, The Rockefeller Foundation*
Steven Koonin, *Professor of Information, Operations, and Management Sciences, Leonard N. Stern School of Business; Director, Center for Urban Science and Progress (CUSP), New York University*
Alan Mabin, *Professor of Urbanism, School of Architecture and Planning; Director, The City Institute, University of the Witwatersrand*
Sheela Patel, *Founder Director, Society for the Promotion of Area Resource Centers (SPARC), Mumbai*
Jonathon Porritt, *Founder Director and Trustee, Forum for the Future*
Solomon Prakash, *Founder, Maya Organic*
Judith Rodin, *President, The Rockefeller Foundation*
Mulenga Sata, *Deputy Mayor, Lusaka, Zambia*
Twarath Sutabutr, *Deputy Director General, Department of Alternative Energy, Ministry of Energy, Bangkok, Thailand*
Vijay Vaitheeswaran, *China Business Editor, The Economist*
Susan Wachter, *Co-Director, Penn IUR*
Sameh Wahba, *Sector Manager, Urban Development and Resilience Unit, World Bank*



OCTOBER 31–NOVEMBER 1, 2013 PENN IUR ROUNDTABLE ON ANCHOR INSTITUTIONS (PRAI): UNIVERSITY-LED NEIGHBORHOOD REVITALIZATION AND INNOVATION DISTRICTS

PRAI brings together leaders from urban anchor institutions to explore the roles anchors can play in cities, from economic catalysts to goods and services purchasers to sources of civic pride. Each PRAI focuses on a specific type of anchor institution. Past PRAI's have looked at museums, performing art centers, and baseball stadiums. This was the fourth PRAI and brought together leaders from six urban universities to discuss the benefits and challenges of actively pursuing community development and of promoting innovation within cities.

PRAI began on October 31 with a public panel discussion, "The Power of Eds and Meds: How Urban Universities are Leading Neighborhood Revitalization and Innovation-Based Economic Development," co-hosted by Penn's Executive Vice President and Penn IUR. Eugénie Birch, Co-Director of Penn IUR, moderated the discussion, which featured university leaders and representatives from municipal government and the private sector.

The following day, executive leaders from Penn, the University of Chicago, Johns Hopkins, Harvard, Columbia, and Cornell NYC Tech met for a closed-door session. Led by Birch and fellow Penn IUR Co-Director Susan Wachter, the university leaders discussed in detail their strategies for community development and innovation districts.

PRAI provided essential expertise to Penn IUR about the role of urban universities within their host communities and how civic leaders (both institutions and individuals) shape urban places. The lessons generated by PRAI are documented in a publication of case studies (see page 31 for more information).

KEY PARTICIPANTS

Craig R. Carnaroli, *Executive Vice President, University of Pennsylvania*
Nim Chinniah, *Executive Vice President for Administration and Chief Financial Officer, The University of Chicago*
Joanne M. DeStefano, *Vice President for Finance and CFO, Cornell University*

Daniel G. Ennis, *Senior Vice President for Finance and Administration, Johns Hopkins University*
Gayle Farris, *Principal, GB Farris Strategies*
Robert Kasdin, *Senior Executive Vice President, Columbia University*
Katie Lapp, *Executive Vice President, Harvard University*

MARCH 27–28, 2014 10TH ANNIVERSARY RESEARCH SUMMIT: SUSTAINABLE URBANIZATION, PLACE MATTERS —PENN IUR 10TH ANNIVERSARY EVENT—

Penn IUR, with support from The Rockefeller Foundation, organized a research summit on March 27–28 as part of the ongoing Transforming Cities Initiative that launched in Bellagio, Italy in 2013. Attended by fifty urban-focused researchers from four continents, the aim of the summit was to explore and identify key research agendas that address spatial aspects of urbanization in the twenty-first century.

While a good deal of information exists on urban growth and its projected impacts for both the developing and developed worlds, the connection between urban systems, broadly conceived, and local solutions is missing. A platform of deep and detailed place-based research, drawn from many sources, is needed to inform public and private policy for a sustainable and inclusive global urban future. This summit's presentations, roundtables, and panel discussions resulted in the identification of cross-cutting research agenda themes: urban form, inequality, collective intelligence and data, knowledge transfer, climate change and resilience, informality, and institutional capacity. Penn IUR is developing a report that summarizes the conversations at the summit and explores these themes.

KEY PARTICIPANTS

Jonathan Barnett, *Professor of Practice Emeritus, Department of City and Regional Planning, Penn School of Design*
Mark Alan Hughes, *Professor of Practice, Department of City and Regional Planning, Penn School of Design*
Ferdous Jahan, *Professor of Public Administration, University of Dhaka*
Saskia Sassen, *Robert S. Lynd Professor of Sociology, Department of Sociology, Columbia University*
Marilyn Jordan Taylor, *Dean and Paley Professor, Penn School of Design*

Robert Buckley, Senior Fellow, The Milano School of International Affairs, Management, and Urban Policy, The New School

Stefan Al, Associate Professor of Urban Design, Department of City and Regional Planning, Penn School of Design

Abha Joshi-Ghani, Director, Knowledge Exchange and Learning Department, Leadership Learning and Innovation Vice Presidency, The World Bank

Bimal Patel, President, CEPT University

Anthony Yeh, Professor and Head, Department of Urban Planning and Design Director, Geographic Information Systems Research Centre, University of Hong Kong

Theresa Singleton, Vice President, Community Development and Education, Federal Reserve Bank of Philadelphia

Don Chen, Senior Program Officer, Ford Foundation

Ben Hecht, President & CEO, Living Cities

Ron Kassimir, Senior Advisor, Social Science Research Council

Shawn McCaney, Senior Program Officer, William Penn Foundation

Justin Schied, Office for International and Philanthropic Innovation, U.S. Department of Housing and Urban Development

Stephen Malpezzi, Professor, James A. Graaskamp Center for Real Estate, University of Wisconsin School of Business

Gilles Duranton, Dean's Chair in Real Estate, Professor and Chair of the Real Estate Department, The Wharton School

Lawrence Vale, Ford Professor of Urban Design and Planning, Massachusetts Institute of Technology

Tom Daniels, Professor, Land Use-Environmental Planning, Penn School of Design

Catherine Ross, Harry West Professor of City and Regional Planning, Georgia Institute of Technology School of Architecture

Michael Replogle, Global Policy Director and Founder, Institute for Transportation and Development Policy

Paul Jargowsky, Professor of Public Policy and Director of the Center for Urban Research, Rutgers University–Camden

Alan Mabin, Professor and Research Fellow, Centre for the Advancement of Scholarship, University of Pretoria

Dana Tomlin, Professor of Landscape Architecture, Penn School of Design

Marja Hoek-Smit, Director of International Housing Finance Program, Wharton's Zell/Lurie Real Estate Center at the University of Pennsylvania

APRIL 16, 2014

THE FUTURE OF THE U.S. HOUSING FINANCE SYSTEM

This Penn IUR expert roundtable event brought together leading voices in the housing finance reform debate to discuss the call for restructuring the U.S. housing finance system. During an important moment in the national debate over the future of Fannie Mae and Freddie Mac, the event included a keynote address from Moody's Analytics's Chief Economist, **Mark Zandi**, who reviewed the goals and prospects of current reform proposals, including provisions for affordable housing, promotion of home ownership, and the role for the thirty-year fixed-rate mortgage. Zandi's presentation was followed by a panel of experts who commented on both positive and negative aspects of the Johnson-Crapo Bill. The roundtable event provided a platform for discussion of the prospects and challenges for moving forward successful and effective reform. The event was co-sponsored by the Wharton Public Policy Initiative and made possible by funding from the Ford Foundation.

KEY PARTICIPANTS

Peter Carroll, Senior Vice President of Capital Markets, Wells Fargo

Larry Cordell, Vice President, RADAR Group, Federal Reserve Bank of Philadelphia

Lisa Davis, Program Officer, Ford Foundation

Tom Deutsch, Executive Director, American Securitization Forum

John Griffith, Senior Analyst, Enterprise Community Partners Inc.

Patrick Lawler, Chief Economist, FHFA

Janneke Ratcliffe, Executive Director, UNC Center for Community Capital, University of North Carolina–Chapel Hill

Ellen Seidman, Senior Fellow, Urban Institute

Ted Tozer, President, Ginne Mae

Joseph Tracy, Executive Vice President & Senior Advisor to the President, Federal Reserve Bank of New York

Susan Wachter, Co-Director, Penn IUR

Mark Zandi, Chief Economist of Moody's Analytics

Mitria Wilson, Director, Legislative and Policy Advocacy, NCRC

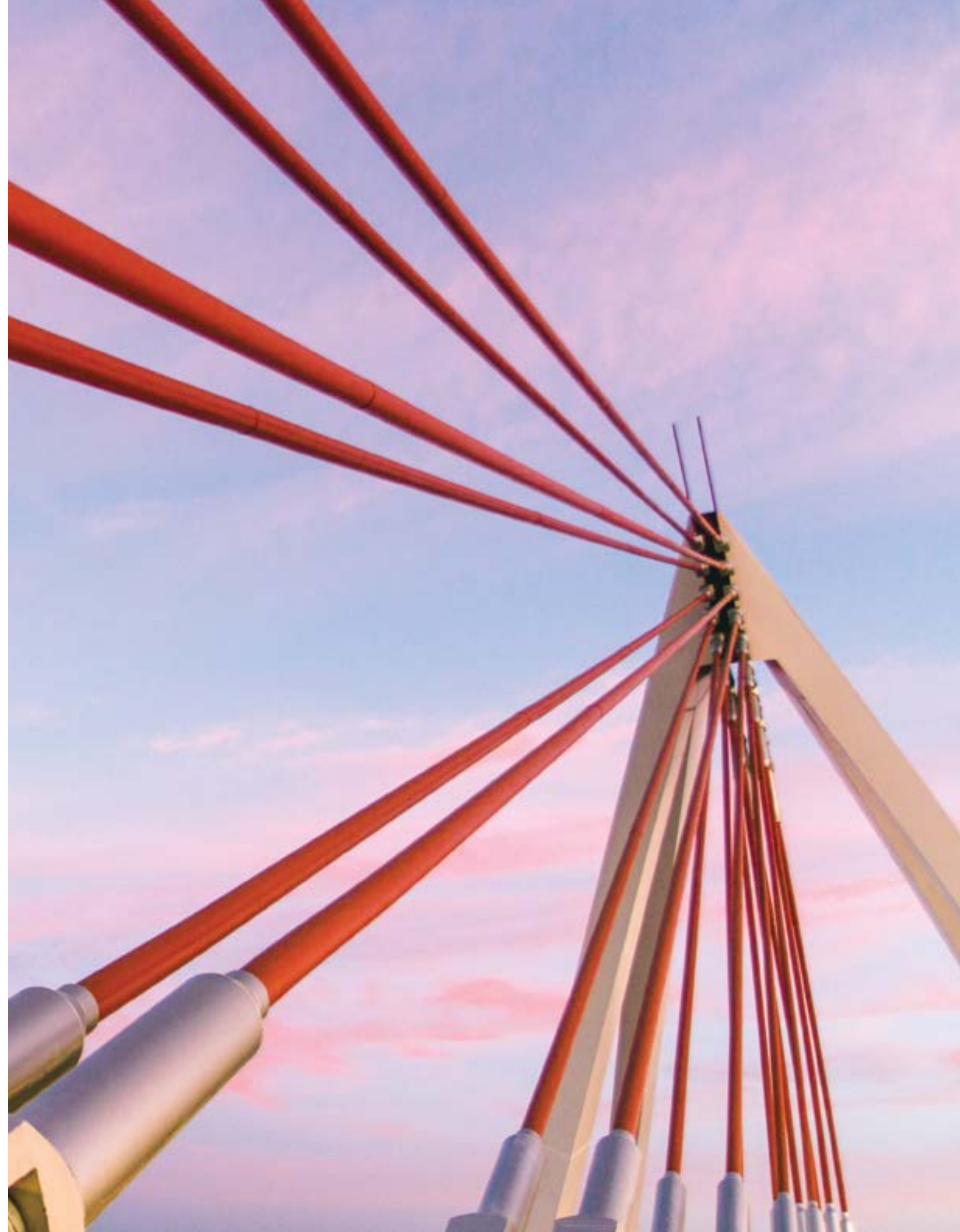
Barry Zigas, Director of Housing Policy, Consumer Federation of America

FOR CENTURIES,
THERE HAVE ALWAYS
BEEN TWO CITIES
WITHIN A CITY—
THE CITY OF THE
POOR AND THE CITY
OF THE RICH. BUT I
THINK WHAT IS MOST
IMPORTANT IS:
DO THE POOR HAVE
THE OPPORTUNITIES
TO DO BETTER
AND TO MOVE AWAY
FROM POVERTY?

ABHA JOSHI-GHANI, PENN IUR SCHOLAR
AND DIRECTOR, KNOWLEDGE AND LEARNING,
THE WORLD BANK INSTITUTE;
FROM *THE FUTURE OF URBANIZATION:
WHAT CAN WE LEARN FROM ASIAN CITIES?*
PENN IUR 10TH ANNIVERSARY EVENT

PENN IUR DISSEMINATES THE RESEARCH OF ESTABLISHED AND EMERGING URBANISTS FROM PENN AND ACROSS THE GLOBE THROUGH THE CITY IN THE 21ST CENTURY BOOK SERIES WITH THE UNIVERSITY OF PENNSYLVANIA PRESS, THE SOCIAL SCIENCE RESEARCH NETWORK (SSRN) *URBAN RESEARCH E JOURNAL*, AND THE INSTITUTE'S OWN SPECIAL ISSUE REPORTS AND MONTHLY NEWS DIGEST ENTITLED *URBAN LINK*.

PUBLICA- TIONS & OUTREACH



THE CITY IN THE 21ST CENTURY BOOK SERIES & SPECIAL PUBLICATIONS: DISSEMINATING URBAN SCHOLARSHIP

Penn IUR's Co-Directors Eugénie Birch and Susan Wachter edit The City in the 21st Century book series, published by the University of Pennsylvania Press. The series, in its twenty-eight published titles, explores the depth and breadth of contemporary urban scholarship across a wide range of disciplines—anthropology, planning, sociology, economics, architecture, urban design, political science, and history. The series represents a cross-section of scholarship and experience that creates a comprehensive portrait of the city in the 21st century.

This year, Penn IUR collaborated with the Federal Reserve Bank of Philadelphia to produce the multi-author book *Revitalizing American Cities*.

SUSAN M. WACHTER & KIMBERLY A. ZEULI,
EDITORS, *REVITALIZING AMERICAN CITIES*
(HC 2013, EB 2013)

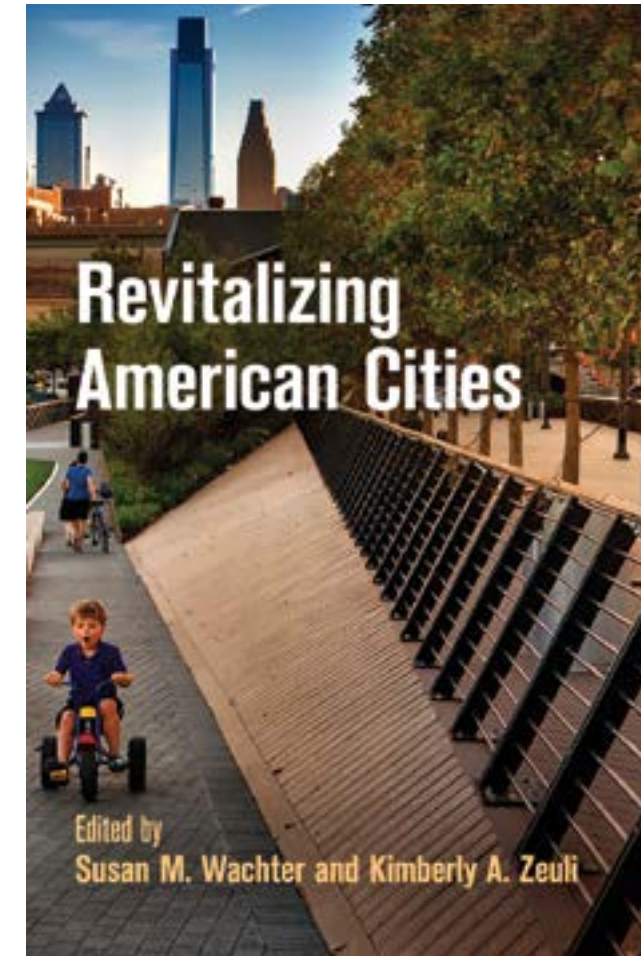
Small and midsized cities played a key role in the Industrial Revolution in the United States as hubs for the shipping, warehousing, and distribution of manufactured products. But as the twentieth century brought cheaper transportation and faster communication, these cities were hit hard by population losses and economic decline. In the twenty-first century, many former industrial hubs—from Springfield to Wichita, from Providence to Columbus—are finding pathways to reinvention. With innovative urban policies and design, once-declining cities are becoming the unlikely pioneers of postindustrial urban revitalization.

Revitalizing American Cities explores the historical, regional, and political factors that have allowed some industrial cities to regain their footing in a changing economy. The volume discusses national patterns and drivers of growth and decline, presents case studies and comparative analyses of decline and renewal, considers approaches to the problems that accompany the vacant land and blight common to many of the country's declining cities, and examines tactics that cities can use to prosper in a changing economy. Featuring contributions from scholars and experts of urban planning, economic development, public policy, and education, *Revitalizing American Cities* provides a detailed, illuminating look at past and possible reinventions of resilient American cities.

Penn Press continues to increase access to the book series by re-releasing books in paperback and as e-books. Previously published books include:

(HC = HARD COVER, PB = PAPERBACK, EB = E-BOOK)

- ① Roger D. Abrahams with Nick Spitzer, John F. Szwed, and Robert Farris Thompson, *Blues for New Orleans: Mardi Gras and America's Creole Soul* (HC 2006, EB 2011)
- ② Elijah Anderson, editor, *Against the Wall: Poor, Young, Black, and Male* (HC 2008, PB 2009, EB 2011)
- ③ Eugénie L. Birch and Susan M. Wachter, editors, *Rebuilding Urban Places After Disaster: Lessons from Hurricane Katrina* (PB 2006, EB 2011)
- ④ Eugénie L. Birch and Susan M. Wachter, editors, *Growing Greener Cities: Urban Sustainability in the Twenty-First Century* (PB 2008, EB 2011)
- ⑤ Eugénie L. Birch and Susan M. Wachter, editors, *Global Urbanization* (HC 2011, EB 2011)
- ⑥ Edward J. Blakely, *My Storm: Managing the Recovery of New Orleans in the Wake of Katrina* (HC 2011, EB 2012)
- ⑦ Peter Brown, *America's Waterfront Revival: Port Authorities and Urban Redevelopment* (HC 2008)
- ⑧ Jon Calame and Esther Charlesworth, *Divided Cities: Belfast, Beirut, Jerusalem, Mostar, and Nicosia* (HC 2009, PB 2012, EB 2011)
- ⑨ Naomi Carmon and Susan Fainstein, *Policy, Planning, and People: Promoting Justice in Urban Development* (PB 2013, EB 2013)
- ⑩ Ram Cnaan, *The Other Philadelphia Story: How Local Congregations Support Quality of Life in Urban America* (HC 2006, EB 2011)
- ⑪ Margaret Dewar and June Manning Thomas, editors, *The City After Abandonment* (HC 2012, EB 2012)



IF YOU'RE A MAYOR, ECONOMIC DEVELOPER, CITY BUILDER, SCHOLAR, OR STUDENT WHO WANTS TO UNDERSTAND HOW SMALL AND MEDIUM-SIZED CITIES HAVE FARED IN OUR RAPIDLY CHANGING ECONOMY, THEN *REVITALIZING AMERICAN CITIES* IS THE BOOK FOR YOU.

Wachter and Zeuli bring together a wide range of scholars to consider how and why these cities have combated decline and revitalized and become more

resilient, the role of neighborhood factors in urban revitalization, and how cities can best adapt to the new economy.

RICHARD FLORIDA, AUTHOR OF *THE RISE OF THE CREATIVE CLASS*



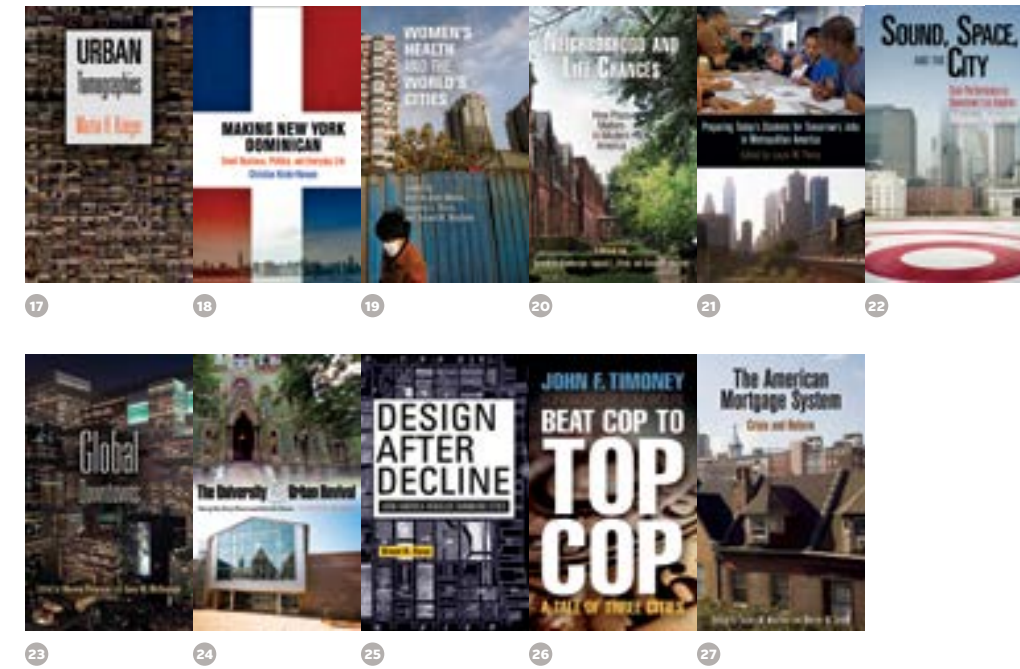
- ① Manny Diaz with a foreword by Michael Bloomberg, *Miami Transformed, Rebuilding America One Neighborhood, One City at a Time* (HC 2012, PB 2014, EB 2012)
- ② Zaire Zenit Dinzey-Flores, *Locked In, Locked Out: Gated Communities in a Puerto Rican City* (HC 2013, EB 2013)
- ③ Gregory L. Heller with a foreword by Alexander Garvin, *Ed Bacon: Planning, Politics, and the Building of Modern Philadelphia* (HC 2013, EB 2013)
- ④ Michael B. Katz, *Why Don't American Cities Burn?* (HC 2011, PB 2013, EB 2012)
- ⑤ Scott Knowles, *The Disaster Experts: Mastering Risk in Modern America* (HC 2011, EB 2012)
- ⑥ Martin Krieger, *Urban Tomographies* (HC 2011, EB 2011)
- ⑦ Christian Krohn-Hansen, *Making New York Dominican: Small Business, Politics, and Everyday Life* (HC 2012, EB 2012)
- ⑧ Afaf Ibrahim Meleis, Eugénie L. Birch, and Susan M. Wachter, editors, *Women's Health and the World's Cities* (HC 2011, PB 2012, EB 2011)
- ⑨ Harriet B. Newburger, Eugénie L. Birch, and Susan M. Wachter, editors, *Neighborhood and Life Chances: How Place Matters in Modern America* (HC 2011, PB 2012, EB 2011)
- ⑩ Laura W. Perna, editor, *Preparing Today's Students for Tomorrow's Jobs in Metropolitan America* (HC 2012, EB 2012)

- ⑪ Marina Peterson, *Sound, Space, and the City: Civic Performance in Downtown Los Angeles* (HC 2010, PB 2012, EB 2012)
- ⑫ Marina Peterson and Gary McDonogh, editors, *Global Downtowns* (HC 2011, PB 2014, EB 2012)
- ⑬ Judith Rodin, *The University and Urban Revival: Out of the Ivory Tower and Into the Streets* (HC 2007)
- ⑭ Brent D. Ryan, *Design After Decline: How America Rebuilds Shrinking Cities* (HC 2012, PB 2014, EB 2012)
- ⑮ John Timoney, *Beat Cop to Top Cop: A Tale of Three Cities* (HC 2010, EB 2011)
- ⑯ Susan M. Wachter and Marvin M. Smith, editors, *The American Mortgage System: Crisis and Reform* (HC 2011, PB 2014, EB 2011)

In addition to The City in the 21st Century series, Penn IUR produces its own reports and collaborates with other scholars and publishers on special projects.

Special issue reports and publications include:

"Urban Ecosystem Services and Decision Making: A Green Philadelphia" is a special report Penn IUR produced in 2014 to capture the findings of the May 23, 2013 expert roundtable by the same name. The roundtable was a project of the Spatial Integration Laboratory for Urban Systems (SILUS), a collaboration between the U.S. Geological Survey (USGS)



Left: Penn Press published books.

Science and Decisions Center, the Wharton GIS Lab, and Penn IUR (see page 16). The symposium roundtable brought together policymakers, practitioners, and researchers from a range of disciplines to advance a research agenda around the use of science in public decision-making to inform investment in green infrastructure and ecosystem services in urban areas. The roundtable and the resulting report discuss the need to understand and account for nature's role in the environmental, economic, and social well-being of cities and focus on the effects of new local and federal initiatives. This report is available on Penn IUR's website: penniur.upenn.edu.

"The Power of Eds and Meds: Urban Universities Investing in Neighborhood Revitalization and Innovation Districts" is a set of case studies produced by Penn IUR that explore the important questions related to institutions' investments in neighborhood revitalization and innovation districts. Each case explores a university whose work extends beyond its campus, including: University of Pennsylvania (Philadelphia, PA), Harvard University: Allston Campus (Boston, MA), University of Chicago (Chicago, IL), Cornell University: Cornell NYC Tech Campus (New York, NY), Johns Hopkins University (Baltimore, MD), Columbia University (New York, NY). These case studies resulted from the Fall 2013 Penn IUR Roundtable on Anchor Institutions (PRAI), which convened leaders from these six universities (see page 31). These case studies are available on Penn IUR's website: penniur.upenn.edu.

"Transforming Cities," is a special edition of *The Economist* magazine Penn IUR produced with the Economist Intelligence Unit in conjunction with the expert roundtable *Future of Transforming Cities* (see page 30). The issue explores challenges cities around the globe are confronting in the twenty-first century. Penn IUR Co-Directors Eugénie Birch and Susan Wachter provided the issue's opening article. The report, along with other products from the meeting, is available at the "Transforming Cities" section of the Visionaries Unbound website: visionariesunbound.com/events/transforming-cities.

Penn IUR published two reports about rapid urbanization. Both reports—*Feeding Cities: Food Security in a Rapidly Urbanizing World*, and *Sustainable Urbanization: Place Matters*—grew out of Penn IUR conferences supported by The Rockefeller Foundation. The *Feeding Cities: Food Security in a Rapidly Urbanizing World* report stems from a conference of the same name held at the University of Pennsylvania March 13–15, 2013, convened by Penn IUR with support from The Rockefeller Foundation, Penn's Office of the Vice Provost for Global Initiatives, and Penn School of Veterinary Medicine, among others. The report is centered around a concept paper by Eugénie L. Birch outlining the relationship between urbanization and food security throughout the world and also includes conference proceedings and a catalog of the photography exhibit that accompanied the international conference. Birch's concept paper highlights



Left: Penn IUR's special issue produced with *The Economist* on transforming cities.

Right: *The Feeding Cities: Food Security in a Rapidly Urbanizing World* report, from the Penn IUR conference.

urban food security as a distinct area of research and public policy. The report looks at how undernutrition and over nutrition exist in cities, and explores how other global themes—such as economic growth, climate change, and poverty—all effect food security. The report outlines an integrated model called a PPD (production, distribution, delivery) model as the way to frame urban-focused food security research and policy. In addition to the Feeding Cities conference, Penn IUR organized *Sustainable Urbanization: Place Matters*, a research summit that was held on March 27–28, 2014 as part of The Rockefeller Foundation's ongoing Transforming Cities Initiative. Attended by fifty urban-focused researchers from four continents, the aim of the summit was to explore and identify key research agendas that address spatial aspects of urbanization in the twenty-first century. The *Sustainable Urbanization: Place Matters* report summarizes the findings of the summit roundtables and panel discussions and presents seven cross-cutting research agendas that emerged from the conversations: urban form, inequality, collective intelligence and data, knowledge transfer, climate change and resilience, informality, and institutional capacity. Both of these reports are available on Penn IUR's website at pennur.upenn.edu.

DIGITAL DISSEMINATION: EXPANDING PENN IUR'S REACH

Penn IUR has continued to grow and enhance two online publications, the Social Science Research Network (SSRN) *Urban Research eJournal* and *Urban Link*.

PENN IUR URBAN RESEARCH E JOURNAL ADVISORY BOARD

With an advisory board of preeminent scholars, the eJournal provides a forum for scholars from institutions around the world to highlight their research. This eJournal accepts abstracts,

working papers, and recently published articles focused on all aspects of urban research. Rapid urbanization worldwide has led to a new emphasis on urban research at the intersection of numerous disciplines, including economics, history, planning, political science, and sociology. The eJournal aims to gather and distribute new research in this field that addresses the governance, policy, economics, and urban design issues that surround global urbanization. Through the diffusion of recent and emerging research, this journal aims to increase understanding of the drivers of urban growth and of the forces that contribute to the development of sustainable urban forms. This year, eJournal articles have been downloaded over 150,000 times.

- Elijah Anderson**, *William K. Lanman, Jr. Professor of Sociology, Department of Sociology, Yale University*
- Raphael W. Bostic**, *Professor and Judith and John Bedrosian Chair in Governance and the Public Enterprise, Sol Price School of Public Policy, University of Southern California*
- Yongheng Deng**, *Head of Department of Real Estate, Professor of Finance and Real Estate, National University of Singapore, Business School and the School of Design and Environment, Professor of Real Estate and Finance, Provost's Chair and Director, Institute of Real Estate Studies, National University of Singapore (NUS)*
- Gilles Duranton**, *Chair and Professor of Real Estate, Real Estate Department, The Wharton School*
- Richard Florida**, *Director and Professor of Business and Creativity, Martin Prosperity Institute, Rotman School of Management, University of Toronto, Global Research Professor, New York University (NYU)*

- Edward L. Glaeser**, *Fred and Eleanor Glimp Professor of Economics, Harvard University*
- William N. Goetzmann**, *Edwin J. Beinecke Professor of Finance and Management Studies, and Director of International Center for Finance, Yale School of Management*
- Abha Joshi-Ghani**, *Director, Knowledge and Learning, The World Bank*
- Michael B. Katz**, *Walter H. Annenberg Professor of History, Penn School of Arts and Sciences*
- Ira Katznelson**, *President of the SSRC, Ruggles Professor of Political Science and History, Columbia University*
- Kyung-Hwan Kim**, *Professor, School of Economics, Sogang University, President, Korea Research Institute for Human Settlements*
- Catherine L. Ross**, *Harry West Professor of City and Regional Planning, Director, Center for Quality Growth and Regional Development, Georgia Institute of Technology*
- Saskia Sassen**, *Robert S. Lynd Professor of Sociology, Department of Sociology, Columbia University*
- Michael H. Schill**, *Dean and Harry N. Wyatt Professor of Law, University of Chicago Law School*
- Anthony Yeh**, *Dean of the Graduate School, University of Hong Kong Graduate School*

For more information, visit: ssrn.com/link/Urban-Research.html.

PENN IUR URBAN LINK

Urban Link is a monthly electronic digest that features expert commentary on urban topics, and highlights Penn IUR's news and events in the context of pressing metropolitan issues. This year, feature stories authored by Penn IUR Faculty Fellows and other scholars and practitioners have included:

- Chetty, Raj. "Improving Opportunities for Social Mobility in the United States." May 2014.
- Diaz, Manny. "Miami Transformed: Rebuilding America One Neighborhood, One City at a Time." April 2014.
- Sassen, Saskia. "Expulsions." March 2014.
- Glaeser, Edward. "Historical Vitality of Cities." February 2014.
- Birch, E., Bostic, R., Branas, C., et al. "Expert Voices 2014: Penn IUR Celebrates 10 Years." January 2014.
- Landis, John. "Mapping Disaster Vulnerability and Resistance: A Rebuild by Design Progress Report." December 2013.
- Katz, Michael. "Immigration as Urban Revitalization." November 2013.
- Birch, Eugénie. "Anchor Institutions in the Northeast Megaregion." October 2013.
- Hughes, Mark Alan. "Civic Arbitrage: Unlocking the Value of Urban Assets." September 2013.
- Hsu, David. "Benchmarking: Using Data to Make Buildings More Energy Efficient." August 2013.

For more information, visit: pennur.upenn.edu.



Urban Link, Penn IUR's monthly email newsletter.

PENN IUR PROVIDES OPPORTUNITIES FOR BOTH UNDERGRADUATE AND GRADUATE STUDENTS TO ENRICH THEIR EXPLORATION OF THE URBAN EXPERIENCE IN THE CLASSROOM AND THE FIELD. WE SUPPORT STUDENTS—WHETHER EXAMINING URBAN ISSUES FOR THE FIRST TIME OR PURSUING ADVANCED STUDY IN URBAN AREAS—THROUGH THE FOLLOWING PROGRAMS: THE UNDERGRADUATE URBAN RESEARCH COLLOQUIUM (UURC), THE MASTER OF URBAN SPATIAL ANALYTICS (MUSA), AND EVENTS THAT SUPPORT URBAN-FOCUSED DOCTORAL STUDENTS.

INSTRUC- TIONAL SUPPORT FOR URBAN- FOCUSED STUDENTS



UNDERGRADUATE URBAN RESEARCH COLLOQUIUM: SUPPORTING STUDENT-FACULTY COLLABORATION

Penn IUR, in partnership with the School of Design's Department of City and Regional Planning and the School of Arts and Sciences' Urban Studies program, sponsors the Penn IUR Undergraduate Urban Research Colloquium (UURC). This advanced research seminar takes place each spring and offers undergraduates the opportunity to work with Penn faculty on urban-focused research. Students pair with faculty mentors who

have expertise in their areas of interest, sometimes developing UURC projects that directly contribute to faculty research projects and publications.

Spring 2014 marked the tenth annual offering of the UURC. The 2014 class engaged thirteen students and twelve faculty members on topics ranging from education and health to urban development and immigration.

F = FACULTY **S** = STUDENT **P** = PROJECT

F Michael Johaneck <i>Graduate School of Education, Teaching, Learning, and Leadership</i>	S Marco Herndon <i>School of Arts and Sciences, Urban Studies</i>	P SCHOOL REFORM AND HEAD START AT NORRIS SQUARE CIVIC ASSOCIATION
Mary Summers <i>School of Arts and Sciences, History and Sociology of Science</i>	S Margaret Buff <i>School of Arts and Sciences, Health and Societies</i>	P SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM BENEFITS ACCESS IN PHILADELPHIA
F Eugénie Birch <i>School of Design, City and Regional Planning</i>	S SoYoung Park <i>School of Arts and Sciences, Urban Studies</i>	P DADEOK INNOPOLIS IN KOREA AND THE PHILADELPHIA INNOVATION DISTRICT INITIATIVES
F Fariha Khan <i>School of Arts and Sciences, Asian American Studies</i>	S Kristen Kelly <i>School of Arts and Sciences, Urban Studies</i>	P ASIAN AMERICAN COMMUNITIES IN PHILADELPHIA: DEVELOPMENT AND CONTEMPORARY ISSUES
F Ariel Ben-Amos <i>School of Arts and Sciences, Urban Studies</i>	S Tan Chan <i>School of Arts and Sciences, Environmental Studies</i>	P SUSTAINABLE BLOCK PROGRAM IN PHILADELPHIA
	S Paul Marvucic <i>School of Arts and Sciences, International Relations</i>	P ASSESSING THE POTENTIAL FOR TOD IN PHILADELPHIA

F Naomi Waltham-Smith <i>School of Arts and Sciences, Music</i>	S Amalia Lund <i>School of Arts and Sciences, Comparative Literature and Theory</i>	P A COMPARATIVE STUDY OF URBAN STREET SOUND AND AURAL FLANERIE
F Domenic Vitiello <i>School of Design, City and Regional Planning</i>	S Sheila Quintana <i>School of Arts and Sciences, Anthropology</i>	P IMMIGRANT COMMUNITY ISSUES IN HARRISBURG, PA
F Elaine Simon <i>School of Arts and Sciences, Urban Studies</i>	S Samaira Sirajee, <i>Wharton, Operation and Information Management</i>	P GRASSROOTS RESISTANCE TO MARKET BASED SCHOOL REFORM IN PHILADELPHIA
F Rebecca Maynard <i>Graduate School of Education, Education Policy</i>	S Melanie Young <i>School of Arts and Sciences, Urban Studies</i>	P DEVELOPING AN ASSESSMENT OF COLLEGE ACCESS PROGRAMS IN PHILADELPHIA
F Paul Amos <i>Wharton GIS Lab</i>	S Emily Zhang <i>School of Engineering and Applied Sciences, Bioengineering</i>	P A PHILADELPHIA MULTI-PERMIT PROGRAM FOR ECOSYSTEM SERVICES
F Shahana Chattaraj <i>Lauder Institute, Wharton</i>	S Qingying Xia <i>School of Arts and Sciences, Urban Studies</i>	P URBAN PLANNING, MODERNIZATION AND ECONOMIC DEVELOPMENT IN POST-COLONIAL STATES/ DEVELOPING COUNTRIES
F Matthew Steinberg <i>Graduate School of Education, Education Policy</i>	S Filippo Bulgarelli <i>School of Arts and Sciences, Sociology</i>	P THE NEW EDUCATIONAL ACCOUNTABILITY: UNDERSTANDING THE LOGIC AND LANDSCAPE OF TEACHER EVALUATION IN THE POST-NCLB ERA

MASTER OF URBAN SPATIAL ANALYTICS: ADVANCING GEOSPATIAL EDUCATION

The Master of Urban Spatial Analytics (MUSA) is a twelve-month graduate program coupling spatial analysis skills—most notably Geographic Information Systems (GIS)—with substantive knowledge in a selection of urban content areas including criminology, design, economic and community development, education, local and state government administration, public health, real estate, urban land use planning, social welfare, transportation, and urban demography. While many university and college programs offer certificates in GIS, Penn offers a unique master's degree that integrates spatial analysis with multiple urban disciplines.

MUSA is administered by the School of Design with support from Penn IUR and a University-wide Academic Committee. The program draws on teaching and research faculty from the schools of Design, Engineering, Business, and Public Health.

STUDENTS

In Spring 2014, thirteen students graduated from the program, bringing the total number of graduates to eighty-seven since the program launched in 2005. Thirteen new admits will enter the program in Fall 2014, joining ten continuing students.

In order to complete the degree, students are required to complete a final project that applies spatial analysis to an urban content area of each student's choosing. Select 2014 final projects included:

- Examining Spatio-temporal Crime Patterns and High Crime Areas in Raleigh, North Carolina
- Where to Open Grocery Stores in Philadelphia CBSA? A Retail Site Selection Analysis
- Visualizing Crime in Philadelphia; A Multivariate Spatio-temporal Analysis
- Mapping Gender Inequality in India
- Emergency Response System for Seniors: A Location-based Rescue Service App
- Development of a Twitter Visualization Map Application
- Open-source GIS Spatial Analysis: Flu Surveillance and Response in Philadelphia

MUSA students go on to hold professional positions in a diversity of fields in the public and private sectors. Exemplary positions include Malaria Analyst, Clinton Health Access Initiative, Harare, Zimbabwe; Aerial Sensor Operator, Keystone Aerial Surveys, Inc., Philadelphia, PA; Programmer, Augur Intelligence Technology (Guangzhou) Co. Ltd., Guangzhou, China; Associate, Planner and Urban Designer at Wallace Roberts & Todd, LLC, Philadelphia, PA; Assistant Director, Philadelphia Redevelopment Authority, Philadelphia, PA; Director, Data Analytics, Department of Rehabilitation Sciences, Temple University; Data Journalist, Associated Press; PhD Candidate, Department of City and Regional Planning, Penn School of Design; and Cityworks-GIS Asset Manager, Department of Public Works, City of Richmond, Richmond, VA.

WHILE MANY
UNIVERSITY AND
COLLEGE PROGRAMS
OFFER CERTIFICATES
IN GIS, PENN OFFERS
A UNIQUE MASTER'S
DEGREE THAT
INTEGRATES SPATIAL
ANALYSIS WITH
MULTIPLE URBAN
DISCIPLINES.

MUSA ACADEMIC COMMITTEE

A University-wide academic committee advises on the program's development, ensuring an interdisciplinary strategic vision for the program. Many of the committee members also teach MUSA courses. Members include:

David Bell, *Xinmei Zhang and Yongge Dai Professor, Professor of Marketing, The Wharton School*

Eugénie Birch, *Co-Director, Penn IUR; Lawrence C. Nussdorf Professor of Urban Research and Education, Department of City and Regional Planning, School of Design*

Charles Branas, *Professor of Epidemiology, Perelman School of Medicine*

Dennis Culhane, *Professor and Dana and Andrew Stone Chair in Social Policy, School of Social Policy and Practice*

Irma Elo, *Professor of Sociology, School of Arts and Sciences*

Amy Hillier, *Associate Professor in City and Regional Planning, School of Design (incoming Academic Director, starting July 1, 2014)*

John Landis, *Crossways Professor of City and Regional Planning; Chair, Department of City and Regional Planning, School of Design (Academic Director through June 30, 2014)*

Janice Madden, *Professor of Regional Science, Sociology, Urban Studies, and Real Estate, School of Arts and Sciences*

Tony Smith, *Professor of Systems Engineering and Regional Science, School of Engineering and Applied Science*

Robert Stine, *Professor, Statistics, The Wharton School*

Dana Tomlin, *Professor of Landscape Architecture, School of Design and Co-Director, Cartographic Modeling Laboratory*

Susan Wachter, *Co-Director, Penn IUR; Richard B. Worley Professor of Financial Management; Professor of Real Estate and Finance, The Wharton School*

Douglas Wiebe, *Associate Professor of Epidemiology, Perelman School of Medicine*



MUSA students study several urban content areas, including criminology, design, economic and community development, education, local and state government administration, public health, real estate, urban land use planning, social welfare, transportation, and urban demography. Garden photo by R. Kennedy for GPTMC; public health photo by AP Photo/Oded Balty.

**PENN IUR URBAN DOCTORAL ACTIVITIES:
BUILDING A COMMUNITY OF SCHOLARS**

Penn IUR sponsors two annual events that provide the opportunity for doctoral candidates from across the university to share their research: the *Urban Doctoral Symposium* and the *Urban Doctoral Poster Session*.

2014 URBAN DOCTORAL SYMPOSIUM

Five students participated in the 2014 *Urban Doctoral Symposium*, which is co-sponsored by the Urban Studies program.

S = STUDENT & SCHOOL **P** = PROJECT

S	P
Stuart Andreason <i>School of Design, City and Regional Planning</i>	WILL TALENT ATTRACTION AND RETENTION IMPROVE METROPOLITAN LABOR MARKETS? THE LABOR MARKET IMPACT OF INCREASED EDUCATIONAL ATTAINMENT IN U.S. METROPOLITAN REGIONS 1990-2010
S	P
Seung Ah Byun <i>School of Design, City and Regional Planning</i>	NONPOINT SOURCE POLLUTION CONTROL: AN EVALUATION OF POLICIES AND PROGRAMS TO ACHIEVE HEALTHY WATERS
S	P
Jamaica Corker <i>School of Arts and Sciences, Demography</i>	URBANIZATION AND DEMOGRAPHIC CHANGE IN SUB-SAHARAN AFRICA: THREE ESSAYS ON FERTILITY AND CHILD MORTALITY DIFFERENTIALS IN A RAPIDLY-URBANIZING CONTEXT
S	P
Amy Lynch <i>School of Design, City and Regional Planning</i>	IS IT GOOD TO BE GREEN?: AN ASSESSMENT OF COUNTY GREEN INFRASTRUCTURE PLANNING IN COLORADO, FLORIDA, AND MARYLAND
S	P
Claire Robertson-Kraft <i>Graduate School of Education, Education Policy</i>	TEACHERS' MOTIVATIONAL RESPONSES TO NEW TEACHER PERFORMANCE MANAGEMENT SYSTEMS: AN EVALUATION OF THE PILOT OF ALDINE ISD'S INVEST SYSTEM

SPRING 2014 URBAN DOCTORAL POSTER SESSION

The 2014 *Urban Doctoral Poster Session* was a joint event with the City and Regional Planning Department; eight students in the Graduate Group in City and Regional Planning participated in the session.

S = STUDENT **P** = PROJECT

S	P
William Fleming	CAN WE REBUILD BY DESIGN?
S	P
Albert Han	COMPARATIVE CASE STUDY IN GREENBELT POLICY
S	P
Theo Lim	INFRASTRUCTURE PLANNING, GREEN INFRASTRUCTURE AND URBAN HYDROLOGY
S	P
Simon Mosbah	IN WHAT CIRCUMSTANCES DOES A SUBSTANTIAL INVESTMENT IN AIRPORT CAPACITY CREATE A SUSTAINABLE METROPOLITAN ADVANTAGE?
S	P
Marry Rocco	PHILANTHROPIC FOUNDATIONS IN LEGACY CITIES: UNKNOWN CONTRIBUTIONS?
S	P
Joseph Su	CAN TAIPEI PLAN FOR A RESILIENT METROPOLIS?
S	P
Josh Warner	WAGE DESERTS OF THE WORKING POOR
S	P
Amber Woodburn	MANAGE VS. BUILD: AN OVERLOOKED ALTERNATIVE TO UNBRIDLED AIRPORT GROWTH

THROUGH THE PENN IUR FACULTY FELLOWS PROGRAM AND THE PENN IUR FACULTY FELLOW EXECUTIVE COUNCIL AS WELL AS THE PENN IUR SCHOLARS NETWORK AND VISITING SCHOLARS, PENN IUR AIMS TO FOSTER AN ENVIRONMENT THAT ENCOURAGES CROSS-DISCIPLINARY CONNECTIONS AND NURTURES A COLLABORATIVE SPIRIT AMONG FACULTY FROM ACROSS THE UNIVERSITY AND BEYOND.

PENN IUR PEOPLE



PENN IUR FACULTY FELLOWS & EXECUTIVE COUNCIL

The Faculty Fellows program identifies faculty with a demonstrated interest in cities and provides research and communication support. There are ninety Faculty Fellows from Annenberg, Arts and Sciences, Design, Education, Engineering, Law, Medicine, Nursing, Social Policy and Practice, Veterinary Medicine, and Wharton. The Penn IUR Faculty Fellows Executive Council advises on, helps oversee, and provides an interdisciplinary viewpoint on Penn IUR's programs. *Members of the Council are denoted with an asterisk.*

Daniel Barber, Assistant Professor and Associate Chair, Department of Architecture, School of Design

David Barnes, Director, Health and Societies Program and Associate Professor, Department of History, School of Arts and Sciences

Jonathan Barnett, Emeritus Professor of Practice, Department of City and Regional Planning, School of Design

David Bell, Xinmei Zhang and Yongge Dai Professor of Marketing, Department of Marketing, The Wharton School

Eugénie Birch, Penn IUR Co-Director and Lawrence C. Nussdorf Professor of Urban Research and Education, Chair of Graduate Group in City Planning, Department of City and Regional Planning, School of Design

Philippe Bourgois, Richard Perry University Professor of Anthropology and Family and Community Medicine, Department of Anthropology, School of Arts and Sciences

***Charles Branas**, Professor of Epidemiology, Department of Biostatistics, Perelman School of Medicine; Co-Director, Cartographic Modeling Laboratory

Lawrence Brown, Miers Busch Professor, Professor of Statistics, Department of Statistics, The Wharton School

***David Brownlee**, Frances Shapiro-Weitzenhoffer Professor, Department of Art History, School of Arts and Sciences

***Carolyn Cannuscio**, Assistant Professor of Family Medicine and Community Health, Department of Public Health, Perelman School of Medicine

Camille Z. Charles, Edmund J. and Louise W. Kahn Term Professor in the Social Sciences, Department of Sociology, School of Arts and Sciences

Ram Cnaan, Professor and Associate Dean for Research, Department of Social Welfare, School of Social Policy and Practice

***Dennis Culhane**, Dana and Andrew Stone Chair in Social Policy, Professor of Social Policy and Practice, School of Social Policy and Practice

Thomas Daniels, Professor of City and Regional Planning, Department of City and Regional Planning, School of Design

***John Dilulio, Jr.**, Frederick Fox Leadership Professor of Politics, Religion, and Civil Society, Department of Political Science, School of Arts and Sciences

Gilles Durantou, Chair and Professor of Real Estate, Department of Real Estate, The Wharton School

Fernando Ferreira, Assistant Professor, Department of Real Estate, The Wharton School

Kenneth Foster, Professor, Department of Bioengineering, School of Engineering and Applied Science

Vivian Gadsden, William T. Carter Professor of Child Development and Education, Language and Literacy in Education Division, Graduate School of Education

Richard Gelles, Dean of the School of Social Policy and Practice, the Joanne and Raymond Welsh Chair of Child Welfare and Family Violence, School of Social Policy and Practice

Edward George, Universal Furniture Professor of Statistics, Department of Statistics, The Wharton School

Raffaella Gianetto, Assistant Professor of Landscape Architecture, Landscape Architecture Program, School of Design

Robert Giegengack, Professor of Earth and Environmental Science, Department of Earth and Environmental Science, School of Arts and Sciences

Andrea Goulet, Associate Professor of Romance Languages, Department of Romance Languages, School of Arts and Sciences

David Grazian, Associate Professor of Sociology, Department of Sociology, School of Arts and Sciences

Jeane Ann Grisso, Professor of Public Health, Medicine, and Nursing, School of Nursing

Mauro Guillen, Dr. Felix Zandman Professor of International Management, Department of Management, The Wharton School

Joseph Gyourko, Martin Bucksbaum Professor of Real Estate and Finance, Department of Real Estate, The Wharton School

Gary Hack, Professor of City and Regional Planning, Department of City and Regional Planning, School of Design

Kathleen Hall, Associate Professor of Education and Anthropology, Director of the South Asia Center, Graduate School of Education

***Ira Harkavy**, Associate Vice President & Director, Netter Center for Community Partnerships

Shaun Harper, Associate Professor and Director of the Center for the Study of Race and Equity in Education, Graduate School of Education

Joan Hendricks, Gilbert S. Kahn Dean of Veterinary Medicine, School of Veterinary Medicine

Amy Hillier, Associate Professor, Department of City and Regional Planning, School of Design

***Renata Holod**, College for Women Class of 1963 Term Professor in the Humanities and History of Art, Department of the History of Art, School of Arts and Sciences

David Hsu, Assistant Professor, City and Regional Planning, School of Design

Mark Alan Hughes, Professor of Practice, City and Regional Planning, School of Design

Robert P. Inman, Richard King Mellon Professor of Finance, Finance Department, The Wharton School

Roberta Iversen, Associate Professor and Director of the Master of Science in Social Policy Program, School of Social Policy and Practice

***John Jackson**, Richard Perry University Professor of Communication, Africana Studies, and Anthropology, Annenberg School for Communications, School of Arts and Sciences

Marilyn Jordan Taylor, Dean and Paley Professor, School of Design

***Michael Katz**, Walter H. Annenberg Professor of History, Department of History, School of Arts and Sciences

John Keene, Professor Emeritus of City and Regional Planning, Department of City and Regional Planning, School of Design

***Alan Kelly**, Gilbert S. Kahn Dean Emeritus, Department of Pathobiology, School of Veterinary Medicine

David Kim, Assistant Professor, Department of History of Art, School of Arts and Sciences

***Shiriki Kumanyika**, Professor of Biostatistics and Epidemiology, Department of Biostatistics and Epidemiology, Perelman School of Medicine

***John Landis**, Crossways Professor of City and Regional Planning, Chair, Department of City Regional Planning, School of Design

David Leatherbarrow, Professor of Architecture, Department of Architecture, School of Design

Lynn Hollen Lees, Professor Emerita of History, Department of History, School of Arts and Sciences

Walter Licht, Walter H. Annenberg Professor of History, Department of History, School of Arts and Sciences

Ken Lum, Professor of Fine Arts, Department of Fine Arts, School of Design

John MacDonald, Associate Professor of Criminology, Chair, Department of Criminology, School of Arts and Sciences

***Janice Madden**, Professor of Regional Science, Sociology, Urban Studies, and Real Estate, School of Arts and Sciences

Christopher Marcinkoski, Assistant Professor of Landscape Architecture and Urban Design, Department of Landscape Architecture, School of Design

Randall Mason, Associate Professor of City and Regional Planning, Department of City and Regional Planning, School of Design

Anuradha Mathur, Associate Professor of Landscape Architecture, Department of Landscape Architecture, School of Design

***Rebecca Maynard**, University Trustee Professor of Education and Social Policy, Graduate School of Education

Matthew McHugh, Rosemarie Greco Term Endowed Associate Professor in Advocacy, School of Nursing

Afaf Meleis, Margaret Bond Simon Dean of Nursing, School of Nursing

***Laura Perna**, Professor, Graduate School of Education

Georgette Phillips, David B. Ford Professor of Real Estate, Department of Real Estate, The Wharton School

John Puckett, Professor and Chair of Policy, Management, and Education, Graduate School of Education

Janet Rothenberg Pack, Professor Emerita of Business and Public Policy, The Wharton School

Witold Rybczynski, Martin and Margy Meyerson Emeritus Professor of Urbanism, Department of Architecture, School of Design

Saswati Sarkar, Professor, Department of Electrical and Systems Engineering, School of Engineering and Applied Science

Lynn Sawyer Sommers, Lillian S. Brunner Professor of Medical-Surgical Nursing, School of Nursing

***Eric Schneider**, Assistant Dean and Associate Director for Academic Affairs, Adjunct Professor of History, School of Arts and Sciences

Heather Sharkey, Associate Professor, Near Eastern Languages and Civilizations, School of Arts and Sciences

Kenneth Shropshire, *David W. Hauck Professor of Legal Studies and Business Ethics, The Wharton School*

Diana Slaughter-Defoe, *Constance E. Glayton Professor in Urban Education, Graduate School of Education*

***Tony Smith**, *Professor of Systems Engineering and Regional Science, Department of Electrical and Systems Engineering, School of Engineering and Applied Science*

Brian Spooner, *Professor, Department of Anthropology, School of Arts and Sciences*

Harris Steinberg, *Adjunct Assistant Professor, Department of City and Regional Planning, School of Design*

Matthew Steinberg, *Assistant Professor of Education, Graduate School of Education*

Nancy Steinhardt, *Professor of East Asian Art, Department of Asian and Middle Eastern Studies, School of Arts and Sciences*

Mark Stern, *Professor and Co-Director, Urban Studies Program, School of Social Policy and Practice*

***Thomas Sugrue**, *David Boies Professor of History and Sociology, Department of History, School of Arts and Sciences*

Anne Teitelman, *Patricia Bleznak Silverstein and Howard A. Silverstein Endowed Term Chair in Global Women's Health, Associate Professor of Nursing, School of Nursing*

David Thornburgh, *Executive Director, Fels Institute of Government, School of Arts and Sciences*

***Dana Tomlin**, *Professor of Landscape Architecture, Department of Landscape Architecture, School of Design*

Domenic Vitiello, *Assistant Professor, Department of City and Regional Planning, School of Design*

Richard Voith, *Adjunct Professor of Real Estate, Department of Real Estate, The Wharton School*

Vukan Vuchic, *UPS Foundation Professor of Transportation Engineering, Department of Electrical and Systems Engineering, School of Engineering and Applied Science*

Susan Wachter, *Penn IUR Co-Director and Richard B. Worley Professor of Financial Management, The Wharton School*

Barbra Mann Wall, *Associate Professor, Evan C. Thompson Endowed Term Chair for Excellence in Teaching, School of Nursing*

Richard Weller, *Martin and Margy Meyerson Chair of Urbanism, Department of Landscape Architecture, School of Design*

Richard Wesley, *Adjunct Associate Professor, Undergraduate Chair, Department of Architecture, School of Design*

Douglas Wiebe, *Associate Professor of Epidemiology, Department of Biostatistics, Perelman School of Medicine*

Laura Wolf-Powers, *Assistant Professor of City and Regional Planning, Department of City and Regional Planning, School of Design*

Robert Yaro, *Professor of Practice, President of the Regional Plan Association, Department of City and Regional Planning, School of Design*

PENN IUR SCHOLARS

Penn IUR Scholars constitute a growing network of academics and practitioners, now at eighty-four members, who are prominent urbanists collaborating with Penn IUR.

Frank Alexander, *Sam Nunn Professor of Law, Emory Law School*

Elijah Anderson, *William Koki Lanman, Jr. Professor of Sociology, Yale University*

Camille Cates Barnett, *former City Manager, City of Philadelphia*

Timothy Beatley, *Teresa Heinz Professor of Sustainable Communities, University of Virginia*

Richard Bernknopf, *Economist, Western Geographic Science Center, U.S. Geological Survey*

Alain Bertaud, *Senior Research Scholar, NYU Stern Urbanization Project*

Barry Bluestone, *Director, Kitty and Michael Dukakis Center for Urban and Regional Policy, Northeastern University*

Xavier de Souza Briggs, *Associate Professor of Design and Urban Planning, MIT*

Paul Brophy, *Senior Fellow, Metropolitan Policy Program, Brookings Institution*

Peter Hendee Brown, *Lecturer, Humphrey School of Public Affairs, University of Minnesota*

Robert Buckley, *Julien Studley Fellow in the Graduate Program in International Affairs, New School*

Raymond J. Burby, *Professor Emeritus, City and Regional Planning, UNC Chapel Hill*

Anthony P. Carnevale, *Director and Research Professor, Georgetown University Center on Education and the Workforce*

Robert Cervero, *Carmel P. Friesen Chair in Urban Studies, University of California–Berkeley*

Shahana Chattaraj, *Post-Doctoral Scholar in Global Cities, Lauder Institute*

Carolyn Chernoff, *Visiting Assistant Professor of Sociology, Skidmore College*

James Cloar, *Board Member, Board of Commissioners, The Tampa Housing Authority*

Joan Clos, *Executive Director, United Nations Human Settlement Programme*

Steve Cochrane, *Managing Director, Moody's Analytics*

Janet Currie, *Henry Putnam Professor of Economics and Public Affairs, Princeton University*

Margaret Dewar, *Professor of Urban and Regional Planning, University of Michigan*

Rebecca Diamond, *Postdoctoral Scholar in Economics, Stanford Institute for Economic Policy Research*

Zaire Zenit Dinzey-Flores, *Assistant Professor, Latino and Hispanic Caribbean Studies and Sociology, Rutgers University*

Derek Douglas, *Vice President for Civic Engagement, University of Chicago*

Richard Florida, *Director and Professor of Business and Creativity, The Martin Prosperity Institute, University of Toronto*

Matthew Freedman, *Associate Professor, Department of Economics, Cornell University*

George Galster, *Clarence Hilberry Professor of Urban Affairs, Wayne State University*

David Gest, *Associate, Ballard Spahr*

Edward Glaeser, *Fred and Eleanor Glimp Professor of Economics, Kennedy School of Government, Harvard University*

Richard Green, *Professor and Lusk Chair in Real Estate, University of Southern California*

Alan Greenberger, *Deputy Mayor for Planning and Economic Development and Director of Commerce, City of Philadelphia*

Daniel Hartley, *Research Economist, Federal Reserve Bank of Cleveland*

Andrew F. Haughwout, *Vice President, Research and Statistics Group, Federal Reserve Bank of New York*

Harry J. Holzer, *Professor, Georgetown Public Policy Institute, Georgetown University*

Jordan Hyatt, *Senior Research Associate, University of Pennsylvania*

Kenneth Jackson, *Jacques Barzun Professor in History and the Social Sciences and Director of the Herbert H. Lehman Center for American History, Columbia University*

Brian A. Jacob, *Walter H. Annenberg Professor of Education Policy, Gerald R. Ford School of Public Policy, University of Michigan*

Ferdous Jahan, *Professor of Public Administration, University of Dhaka*

Paul Jargowsky, *Professor of Public Policy, Rutgers University*

Rucker C. Johnson, *Associate Professor, Goldman School of Public Policy, UC Berkeley*

Mark L. Joseph, *Associate Professor, Mandel School of Applied Social Sciences, Case Western Reserve University*

Abha Joshi-Ghani, *Director for Knowledge Exchange and Learning, World Bank Institute*

Matthew Kahn, *Professor, Institute of the Environment, University of California Los Angeles*

Kyung-Hwan Kim, *Professor, Economics, Sogang University*

Scott Gabriel Knowles, *Director, Great Works Symposium, Drexel University*

Yolanda Kodrzycki, *Vice President & Director of the New England Public Policy Center, Federal Reserve Bank of Boston*

Christian Krohn-Hansen, *Professor, Department of Social Anthropology, University of Oslo*

Paul Levy, *President & CEO, Center City District*

Dongquan Li, *Associate Professor, Renmin University*

Huang Ling, *Associate Professor of Urban Planning, Chongqing University, China*

Jens Ludwig, *McCormick Foundation Professor of Social Service Administration, Law, and Public Policy, University of Chicago*

Alan Mabin, *Professor and Research Fellow, Centre for the Advancement of Scholarship, University of Pretoria*

Stephen Malpezzi, *Lorin and Marjorie Tiefenthaler Chair of Real Estate, University of Wisconsin*

Gary McDonogh, *Professor, Growth and Structure of Cities Department, Bryn Mawr University*

Dowell Myers, *Professor of Policy, Planning, and Demography, University of Southern California*

Arthur C. Nelson, *Director, Metropolitan Research Center, Presidential Professor of City and Metropolitan Planning, University of Utah*

Jeremy Nowak, *Chair, Board of Federal Reserve Bank of Philadelphia*

Suzana Pasternak, *Professor of Architecture and Urbanism, University of São Paulo*

Sheela Patel, *Founder Director, Society for Promotion of Area Resource Centres*

Neal Peirce, *Chairman, Citistates Group*

Enrique Peñalosa, *Former Mayor, Bogotá, Colombia*

Rolf Pendall, *Director, Metropolitan Housing and Communities Policy Center, Urban Institute*

Janice Perlman, *Founder and President, The Mega-Cities Project*

Marina Peterson, *Assistant Professor, Performance Studies, Ohio University*

Rutherford H. Platt, *Professor Emeritus of Geography, University of Massachusetts Amherst*

Stephen Raphael, *Professor of Public Policy, University of California–Berkeley*

Michael Repogle, *Managing Director for Policy and Founder, Institute for Transportation and Development Policy*

Stephen L. Ross, *Professor of Economics, University of Connecticut*

Jesse Rothstein, *Associate Professor, Goldman School of Public Policy and Department of Economics, University of California–Berkeley*

Brent Ryan, *Associate Professor of Urban Design and Public Policy, MIT*

Saskia Sassen, *Robert S. Lynd Professor of Sociology, Columbia University*

Frederick Steiner, *Dean, School of Architecture and Henry M. Rockwell Chair in Architecture, University of Texas, Austin*

Vinod Tewari, *Advisor and Professor, TERI University*

Joseph Tracy, *Executive Vice President & Senior Advisor to the President, Federal Reserve Bank of New York*

Catherine Tumber, *Visiting Scholar, Northeastern University School of Public Policy and Urban Affairs*

Margery Turner, *Senior Vice President for Program Planning and Management, Urban Institute*

Lawrence J. Vale, *Ford Professor of Urban Design and Planning, MIT*

Sameh Naguib Wahba, *Sector Manager, Urban Development and Resilience Unit, World Bank*

Sarah Wartell, *President, Urban Institute*

Douglas Webster, *Professor, School of Geographical Sciences and Urban Planning, Arizona State University*

Kathleen Wolf, *Research Social Scientist, University of Washington, College of the Environment*

Anthony Yeh, *Director, Centre of Urban Studies and Urban Planning, University of Hong Kong*

Lily Yeh, *Global Artist and Founder, Barefoot Artists*

Deng Yongheng, *Provost's Chair and Director of the Institute of Real Estate Studies, Head of Department of Real Estate, Professor of Real Estate and Finance, National University of Singapore*

PENN IUR VISITING SCHOLARS, 2013–2014

Penn IUR also hosts visiting scholars from around the world to engage and further their urban research here at Penn for one year.

Chen Chen, *Doctoral Candidate in City and Regional Planning, Tongji University, Shanghai*

Mariana Bonantes, *Doctoral Candidate in Architectural History, University of São Paulo*

Qin Bo, *Associate Professor, School of Public Administration, Renmin University of China, Beijing*

PENN IUR CONSULTATIVE BOARDS

Penn IUR is advised by internationally renowned urban experts. The Penn IUR Advisory Board is comprised of innovative practitioners in such fields as real estate, governance, arts and culture, urban planning, finance, communications, and philanthropy. The Penn IUR Executive Committee is composed of deans, faculty, and university administrators from across Penn's twelve schools.

PENN IUR ADVISORY BOARD

Egbert Perry, *Chairman and CEO, The Integral Group, LLC (Chair)*

Patrick Brett, *Managing Director, Citigroup*

Susan Block Casdin, *Founder & Co-Chair, Committee for the Hassenfeld Center, NYU Medical School*

Manuel A. Diaz, *Senior Partner, Lydecker Diaz, LLC*

Paul Farmer, *Executive Director & CEO, American Planning Association*

Michael Glosserman, *Managing Partner, The JBG Companies*

Andrew Halvorsen, *Private Investor*

Evan Heller, *Private Real Estate Investor & Advisor*

Virginia Hepner, *President & CEO, Woodruff Arts Center*

J. Robert Hillier, *President, J. Robert Hillier*

John T. Livingston, *President, Tishman Construction Corporation and Chief Executive, Construction Services, AECOM Technology Corp*

Kelly Kennedy Mack, *President & CEO, Corcoran Sunshine Marketing Group*

Marc H. Morial, Esq., *President & CEO, National Urban League*

Lawrence C. Nussdorf, *President & COO, Clark Enterprises, Inc.*

Philip Pilevsky, *President & CEO, Philips International*

Preston D. Pinkett III, *President & CEO, City National Bank of New Jersey*

Richard P. Richman, *Chairman, The Richman Group, Inc.*

Mark Rosenberg, *Principal, MHR Fund Management, LLC*

Robert J.T. Rosenfeld, *Principal, JBG Rosenfeld Retail*

Molly Rouse-Terlevich, *Community Volunteer and Political Fundraiser*

Alan D. Schnitzer, *Vice Chairman, The Travelers Companies, Inc.*

Robert Stewart, *Managing Director, The JBG Companies*

Michael Tabb, *Managing Principal, Red Rock Global*

John Timoney, *Former Chief of Police, Miami*

PENN IUR EXECUTIVE COMMITTEE

Vincent Price, *Provost (Chair, represented by Dawn Bonnell, Vice Provost for Research)*

Jeffrey Cooper, *Vice President, Government and Community Affairs*

Dennis Culhane, *Dana and Andrew Stone Chair in Social Policy, Professor of Social Policy and Practice, School of Social Policy and Practice*

John Dilulio, *Frederick Fox Leadership Professor of Politics, Religion, and Civil Society, Department of Political Science, School of Arts and Sciences*

Michael Fitts, *Dean and Bernard G. Segal Professor of Law, School of Law*

Steven Fluharty, *Dean and Thomas S. Gates, Jr. Professor of Psychology, Pharmacology, and Neuroscience, School of Arts and Sciences*

Richard J. Gelles, *Dean and Joanne and Raymond Welsh Chair of Child Welfare and Family, School of Social Policy and Practice*

Michael Gibbons, *I.W. Burnham II Professor of Investment Banking, The Wharton School*

Joseph Gyourko, *Martin Bucksbaum Professor of Real Estate and Finance, Director of the Zell/Lurie Real Estate Center at Wharton, and Chair of the Real Estate Department, The Wharton School*

Michael Katz, *Walter H. Annenberg Professor of History, School of Arts and Sciences*

Shiriki Kumanyika, *Professor of Biostatistics and Epidemiology, Perelman School of Medicine*

Janice Madden, *Professor of Regional Science, Sociology, Urban Studies, and Real Estate, School of Arts and Sciences*

Afaf Meleis, *Margaret Bond Simon Dean of Nursing, School of Nursing*

Andrew Porter, *Dean and George and Diane Weiss Professor of Education, Graduate School of Education*

Thomas J. Sugrue, *David Boies Professor of History and Sociology, School of Arts and Sciences*

Marilyn Jordan Taylor, *Dean and Paley Professor, School of Design*

David Thornburgh, *Executive Director, Fels Institute of Government*

PENN IUR DONORS & FUNDERS

In addition to support from the University, Penn IUR is funded through a variety of external sources including grants, research contracts and partnerships, and donations. Penn IUR is grateful to all of those listed below who have provided funding support over the year.

Oscar A. Benitez

Brandywine Realty Trust

Patrick J. Brett

Clark Construction Group, Inc.

Crossways Foundation

EBL&S Development Corporation

Federal Reserve Bank of Philadelphia

Ms. Leah Fiasca

Ford Foundation

The Geraldine R. Dodge Foundation

Mr. Michael J. Glosserman and Mrs. Marilyn G. Glosserman

Mr. Andrew C. Halvorsen and Mrs. Barbara A. Halvorsen

Mr. Evan H. Heller and Mrs. Lesley Katcher Heller

Ms. Virginia A. Hepner and Mr. Malcolm Barnes

Mr. J. Robert Hillier and Ms. Barbara Hillier

Mr. Benjamin A. Nussdorf and Ms. Inna Dexter

Mr. Lawrence C. Nussdorf, Esquire and Mrs. Melanie

Franco Nussdorf, Esquire
Integral Group, LLC

Mr. Egbert L. J. Perry and Mrs. A. Renée Perry

Mr. Preston Pinkett

Red Rock Global, LLC

Resource Capital, Inc.

Mr. Richard P. Richman and Mrs. Ellen Schapps Richman

The Rockefeller Foundation

Mr. Mark H. Rosenberg and Mrs. Rochelle C. Rosenberg

Ms. Molly P. Rouse-Terlevich and Mr. Fabio Terlevich

Willard G. Rouse III Memorial Trust

Mr. Robert J. T. Rosenfeld

Mr. Alan David Schnitzer and Mrs. Anne Berman Schnitzer

Mr. Michael E. Tabb

Taiwan Institute of Economic Research

U.S. Department of Energy / Pennsylvania State University

U.S. Geological Survey

PENN IUR STAFF & CONTACT INFORMATION

CO-DIRECTORS

Eugénie L. Birch, FAICP

Lawrence C. Nussdorf Professor of Urban Research and Education Professor Department of City and Regional Planning School of Design, University of Pennsylvania 127 Meyerson Hall Philadelphia, PA 19104-6311 215 898 8330 elbirch@design.upenn.edu

Susan M. Wachter

Richard B. Worley Professor of Financial Management Professor of Real Estate and Finance The Wharton School, University of Pennsylvania 256 South 37th Street Philadelphia, PA 19104-6330 215 898 6355 wachter@wharton.upenn.edu

MANAGING DIRECTOR

Amy Montgomery
amylmo@upenn.edu

PROGRAM COORDINATOR

Laura Barron
lbarron@upenn.edu

PROJECT MANAGER

Amanda Lloyd
amanda3@upenn.edu

PROJECT MANAGER, ENERGY INITIATIVES

Alon Abramson
alonabra@upenn.edu

EDITOR & PUBLICATIONS DIRECTOR

Cara Griffin
cgriffin@upenn.edu

COMMUNICATIONS DIRECTOR

Deborah Lang
dlang@upenn.edu

Meyerson Hall, G-12
210 South 34th Street
Philadelphia, PA 19104

215 573 8386

penniuir@pobox.upenn.edu
penniuir.upenn.edu
twitter.com/penniuir
facebook.com/penniuir.upenn

LOOKING AHEAD

FALL 2014 PENN IUR'S TENTH ANNIVERSARY CELEBRATION CONTINUED

Penn IUR will continue its monthly series of special events to celebrate its tenth anniversary bringing together leading urban scholars from Penn and around the world.

FALL 2014 GLOBAL URBAN COMMONS

Penn IUR will launch the beta-version of this virtual network of university-based research institutions as a means for rapid dissemination of the latest urban research from Penn and around the globe.

FALL 2014–SPRING 2015 PENN'S HUMANITIES+URBANISM+ DESIGN INITIATIVE

Penn IUR will continue to support the Schools of Arts and Sciences and of Design in carrying out the Mellon Foundation-funded colloquium—a five-year, multi-generational, multi-disciplinary study group composed of twenty Penn faculty members and students with rotating terms.

FALL 2014 U.S. HOUSING SYSTEM SERIES

Penn IUR will continue its lecture and expert roundtable series exploring the challenges and opportunities facing the U.S. housing system with a special emphasis on financing mechanisms and data analysis.

OCTOBER 9–12, 2014 URBAN HISTORY ASSOCIATION CONFERENCE

Along with other Penn and external partners, Penn IUR is co-sponsoring this conference hosted by Thomas Sugrue, David Boies Professor of History and Sociology and Director of the Penn's Social Science and Policy Forum. The conference will focus on the theme of metropolitics but its many sessions will cover diverse aspects of urban, suburban, and metropolitan history.

OCTOBER 29, 2014 ASSOCIATION OF COLLEGIATE SCHOOLS OF PLANNING (ACSP) DOCTORAL WORKSHOP

Penn School of Design's Department of City and Regional Planning and Penn IUR will co-sponsor the first-ever workshop in connection with the annual ACSP conference. The workshop will welcome fifty urban planning doctoral students from ACSP-member schools to discuss all aspects of starting, working on, or completing their dissertations.

NOVEMBER 11, 2014 URBAN FISCAL STABILITY AND PUBLIC PENSIONS: SUSTAINABILITY GOING FORWARD

Leading practitioners and researchers discuss the complex fiscal issues facing cities, focusing on the legacy issues of the funding of pensions, and looking forward to strategies that will support financial sustainability.



DECEMBER 3, 2014 URBAN WOMEN'S HEALTH IN THE UNITED NATION'S POST-2015 AGENDA

Penn IUR and the Center for Global Women's Health at the Penn School of Nursing will host an expert workshop to examine the proposed targets and indicators for urban women's health and well-being to be put forward in the upcoming Framework for the United Nations' Post-2015 Agenda, known also as the Sustainable Development Goals. This event showcases Penn's Provostial theme for the 2014–2015 academic year, Health.



JUNE 2015 U.S.–JAPAN GRASSROOTS EXCHANGE: CITIZEN PARTICIPATION IN COMMUNITY BUILDING POST-DISASTER

The East-West Center, Penn IUR, and the Urban Community Research Center for Asia at Kwansei Gakuin University will launch a three-year dialogue and travel exchange project to examine local efforts to more effectively engage citizens in participatory planning and community building activities that address the long-term recovery and rebuilding of post-disaster communities.



Opposite Page: Photo by M. Edlow for Visit Philadelphia; photo by B. Krist for GPTMC.

Far left: Photo by Randy von Liski, via Flickr.

Right: Photo by the Official U.S. Navy Page, via Flickr.

Following page: Marina Bay in Singapore.



HOPE DRIVES BELIEF.
BELIEF DRIVES ACTION.
ACTION DRIVES RESULTS.

MARYLAND GOVERNOR MARTIN O'MALLEY,
2014 PENN IUR ANNUAL URBAN LEADERSHIP AWARDS



PENN INSTITUTE
for **URBAN RESEARCH**
2013–2014 ANNUAL REPORT

Meyerson Hall, G-12
210 South 34th Street
Philadelphia, PA 19104

215 573 8386

penniur@pobox.upenn.edu

penniur.upenn.edu

twitter.com/penniur

facebook.com/penniur.upenn