

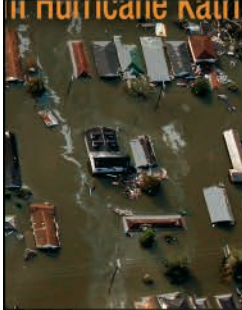
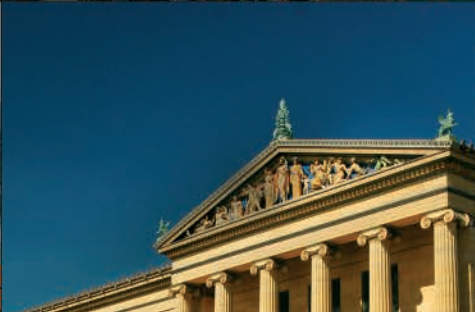


The **PENN INSTITUTE**
for **URBAN RESEARCH**
A Retrospective Report: 2004-2011





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<p>Judith Rodin, President, Rockefeller Foundation, Re-Imagining Cities conference <i>photo: Lou Huang</i></p>	<p>Olympic Sculpture Park, Seattle</p>	<p>Susan M. Wachter, Eugénie Birch and Robert Sokolow at the Re-Imagining Cities conference <i>photo: Lou Huang</i></p>	<p>Xavier Briggs, Penn IUR Public Interest Event, Moving to Opportunity, <i>photo: Lindsay MacDonald & Next American City magazine</i></p>	
<p>Mural by the City of Philadelphia Mural Arts Project</p>	<p>Philadelphia Museum of Art</p>	<p>"The Shape of the New American City," <i>The Annals of the American Academy of Political and Social Sciences</i>. November 2009</p>	<p>2011 Penn IUR Urban Leadership Award Awardee Henry Cisneros and Eugénie Birch <i>photo: Greenhouse Media</i></p>	
<p>Amy Gutmann, President, University of Pennsylvania, Cities and Women's Health conference</p>		<p>2007 Penn IUR Urban Leadership Awardee Mayor Joe Riley <i>photo: Stuart Watson</i></p>	<p>Eugénie L. Birch and Susan M. Wachter, Editors, <i>Rebuilding Urban Places After Disaster: Lessons from Hurricane Katrina</i> (Penn Press, 2006)</p>	
<p>Penn IUR Advisory Board Chair Egbert Perry <i>photo: Stuart Watson</i></p>	<p>Lawrence C. Nussdorf & Melanie Franco Nussdorf at the Penn IUR Roundtable on Anchor Institutions <i>photo: Stuart Watson</i></p>	<p>2008 Penn IUR Urban Leadership Awardee Donna Shalala <i>photo: Stuart Watson</i></p>		
	<p>Gasworks Park, Seattle</p>	<p>2009 Penn IUR Urban Leadership Awardees Bruce Katz, Shirley Franklin and Parris Glendening <i>photo: Greenhouse Media</i></p>	<p>Penn IUR Public Interest Event attendee</p>	
<p>Rocco Landesman, Chairman, NEA, Penn IUR Public Interest Event, Arts and the City <i>photo: Greenhouse Media</i></p>	<p>Wangari Maathai, Nobel Peace Laureate, Growing Greener Cities Symposium <i>photo: Stuart Watson</i></p>	<p>Audience, Penn IUR Public Interest Event, Moving to Opportunity <i>photo: Lindsay MacDonald & Next American City magazine</i></p>		



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Our Mission

The Penn Institute for Urban Research(Penn IUR) engages urban researchers, practitioners and policymakers to:

- Increase and disseminate understanding of cities through cross-disciplinary research, instruction, and civic engagement, drawing on the resources of the University of Pennsylvania's 12 schools
- Develop knowledge in three critical areas:
 - informing the sustainable, 21st-century city;
 - fostering innovative urban development strategies; and
 - illuminating the role of anchor institutions in urban places

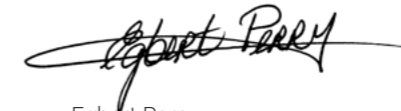
MESSAGE FROM PENN IUR'S ADVISORY BOARD CHAIR

For the past seven years, the Penn Institute for Urban Research (Penn IUR) has been building the bridge between the academy and the field. Penn IUR brings together the expansive urban scholarship that thrives across Penn's twelve schools in forums that illustrate the power of cross-disciplinary research, dialogue, and instruction – forums such as the Penn IUR Undergraduate Urban Research Colloquium (UURC), the Penn Urban Doctoral Symposium, and the Penn IUR Faculty Forums. Added to this vibrant interdisciplinary academic discourse are the Institute's signature civic engagement programs that bring the latest research to those making innovations on the ground – the practitioners and policymakers who are working every day to transform cities into models of urban sustainability. Programs such as the Penn IUR National Impact Conferences, the Penn IUR Roundtable on Anchor Institutions (PRAI), and the City in the 21st Century (C21) book series with Penn Press all bring academics and practitioners together so that they can inform each others' work – academics sharing new research findings with professionals in the field, and practitioners sharing with academics their observations about real-world conditions.

It is the constant dialogue between holistic, interdisciplinary-minded academics and innovative professionals and policymakers coupled with the training of tomorrow's urban leaders and scholars that makes being a Penn IUR Advisory Board member so rewarding. On behalf of the entire board, I want to thank everyone who has made these signature programs possible – President Amy Gutmann, Provost Vincent Price, and Senior Vice Provost for Research Steven Fluharty for their illuminating guidance and continued support and encouragement; Penn IUR's co-directors, Eugenie Birch and Susan Wachter, for their ambitious leadership; the wide array of experts who have presented at IUR's conferences and lectures; the numer-

ous authors and editors who have contributed chapters and entire manuscripts to the C21 book series, and especially Peter Agree of Penn Press; the students who have participated in the UURC course, Urban Doctoral Symposium, or completed the Masters of Urban Spatial Analytics program; and of course, the talented and dedicated staff without whom none of this would have been possible.

All of the board members are passionate about Penn IUR's contributions and give invaluable resources to support the Institute and its continued development. From financial support and strategic vision to urban expertise and connections to urban thought-leaders around the world, the resources the board brings to bear are exceptional and are helping Penn IUR to grow into an internationally recognized leader in the field.



Egbert Perry

Chairman & CEO, The Integral Group, LLC

Egbert Perry



**MESSAGE FROM THE PROVOST
AND SENIOR VICE PROVOST
FOR RESEARCH**

“Cities,” Jane Jacobs famously wrote, “have the capability of providing something for everybody, only because, and only when, they are created by everybody.” In this way, as in so many others, great cities are the mirrors and partners of great urban universities. The university in the city functions as an anchor institution, a civic partner, a laboratory of ideas, a model of democratic governance, and a generator of the city’s future citizens and leaders. Even more, as Jacobs’ words suggest, the city’s strengths and values reflect the university’s strengths and values: their shared energy, scope, and ambition; their shared diversity of interests and communities.

More than seven years ago, Penn IUR first combined these sources of strength, affirming Penn’s commitment to its own urban environment by connecting it to the world’s most dynamic and forward-looking perspectives in urban research. Initiated in the context of President Judith Rodin’s landmark revitalization of Penn’s West Philadelphia neighborhood, the Institute has gone on to embody, with equal vigor and rigor, the key values of President Amy Gutmann’s Penn Compact: engaging locally and globally, increasing access, and integrating knowledge.

Penn IUR exemplifies Penn’s distinctive strengths in cross-disciplinary research, drawing on perspectives from every corner of campus. This work integrates a wide range of state-of-the art scholarship, research, and practice, designed to address the most urgent contemporary issues both locally and globally, for the widest possible audience of scholars, researchers, policymakers, practitioners, and urban residents. The success of these endeavors was resoundingly reaffirmed in a five-year review in 2009, in which faculty and staff across the University testified to Penn IUR’s energetic role in bringing together diverse ideas and disciplines to advance urban research. Some of the highlights of its work in this period include:

- Globally recognized research on best practices in sustainable urban development, finance, planning, and public health in the world’s most rapidly developing cities and countries
- Inventive collaborations with the World Bank, UN-HABITAT, and the congressionally established East-West Center

- Conferences and follow-up books on such vital contemporary topics as Rebuilding Urban Places After Disaster: Lessons From Hurricane Katrina and Growing Greener Cities: Urban Sustainability in the Twenty-First Century
- The report Retooling HUD for a Catalytic Federal Government, which brought together dozens of urban scholars and policy analysts to put anchor institutions on the national agenda
- The Penn IUR Undergraduate Urban Research Colloquium and the Penn Urban Doctoral Symposium, which provide students with opportunities to experience inter-disciplinary, urban research methods firsthand
- The vibrant and innovative Masters of Urban Spatial Analytics program
- Seminars that mix scholars and practitioners to examine critical urban issues of the 21st century
- Major research and publications from more than 70 Penn IUR Faculty Fellows
- The current development of energy policies for the Greater Philadelphia Innovation Cluster at the Philadelphia Navy Yard

We extend our gratitude to those who have pushed Penn IUR into new and challenging territory, beyond what might even have been imagined seven years ago. We are especially indebted to the Penn IUR Executive Committee, which has guided the Institute with great wisdom and insight from its inception. We congratulate Genie Birch, Susan Wachter, and the entire Penn IUR community, and we look forward to many more years of illuminating ideas at the intersections of the city, the university, and the world around them.

Vincent Price



Vincent Price
Provost

Steven Fluharty



Steven Fluharty
Senior Vice Provost for Research

MESSAGE FROM PENN IUR'S CO-DIRECTORS

We have been honored to direct the Penn Institute for Urban Research from its inception. It has been an enlightening and rewarding experience working with one another and with the many talented and dedicated people from all corners of Penn to create an institute that strengthens Penn's assets in urbanism: its powerful urban research capacity and its role as an exemplary anchor institution. Critical to this path has been the vision and support from the President's and Provost's offices as well as the unwavering dedication of our Advisory Board and Executive Committee. Likewise, urban-focused faculty from across the twelve schools have been essential in developing our public programs, publications, research initiatives, and instructional programs for undergraduates, master-level students, and doctoral students. Working with faculty and other constituencies, we have identified key domestic and international issues and devised programs to encourage integrated, cross-disciplinary research.

While growing our Faculty Fellows program (we now have more than 70 fellows from such disciplines as anthropology, sociology, health, education, criminology, law, real estate, city planning, architecture, social policy, history, and veterinary science), public conferences, expert seminars, and publications, we have increased our annual budget. At its inception, Penn IUR received annual Provostial support for five years with permission to carry forward any unspent revenues. Penn IUR has supplemented this revenue through endowment income, grants, gifts, and other sources. Since 2005, Penn IUR has more than doubled its support for programming, in many instances raising dedicated funds for signature programs and special research initiatives. The conservative management of the University allocation, along with generous outside funding, places Penn IUR in a strong position to continue this work.

We are dedicated to crafting Penn IUR to reflect the urban expertise at Penn and to help channel that expertise to expand knowledge and understanding of the critical issues facing the 21st-century city. Upon receiving notice of Penn IUR's official five-year renewal, we embarked upon a strategic planning process for 2011-2015 in order to advance place-based research, instruction and service to inform and respond to 21st-century urban issues locally, nationally and internationally. Paying particular attention to urban sustainability, urban development and anchor institutions, Penn IUR will serve

as an authoritative voice, convener and laboratory as it selects new initiatives while strengthening and enhancing key signature programs. It will continue to involve scholars and practitioners and reinforce Penn's pre-eminence in integrative urban research, instruction, and service.

In addition to University leadership, Penn IUR's Advisory Board and Executive Committee, the Penn IUR Faculty Fellows, we wish to acknowledge the tremendous contributions of partner organizations within and outside the University. At Penn, we have had extraordinary support from many departments, schools, and other entities. Notably, the School of Design has housed our office and collaborated on the development of the MUSA program into a one-of-a-kind competitive GIS degree; Eric Halpern and Peter Agree of Penn Press, who initiated and enthusiastically helped develop our joint book series, the City in the 21st Century; the Center for Public Health Initiatives has worked with us on joint programming and the Urban Studies program has helped sustain our instructional initiatives, the UURC and the Urban Doctoral Symposium. We pause here to offer a special heartfelt thank you to the American Academy of Political and Social Science and its late director Phyllis Kaniss, who offered us the extraordinary opportunity to cosponsor a conference and a special issue of The Annals, "The Shape of the New American City." External partners that have been invaluable in creating programs that resonate beyond campus include the United States Geological Survey, the Rockefeller Foundation, the World Bank, UN-HABITAT, Philadelphia Federal Reserve Bank, Pennsylvania Horticultural Society, the William Penn Foundation, the Ford Foundation, and many others. And, of course, we thank the entire Penn IUR staff for ensuring that we meet the goals we articulate for ourselves and that our partners depend on.

With a history of innovation and collaboration behind us and constantly expanding initiatives on the horizon, we are highly optimistic about Penn IUR's future.

Eugenie L. Birch

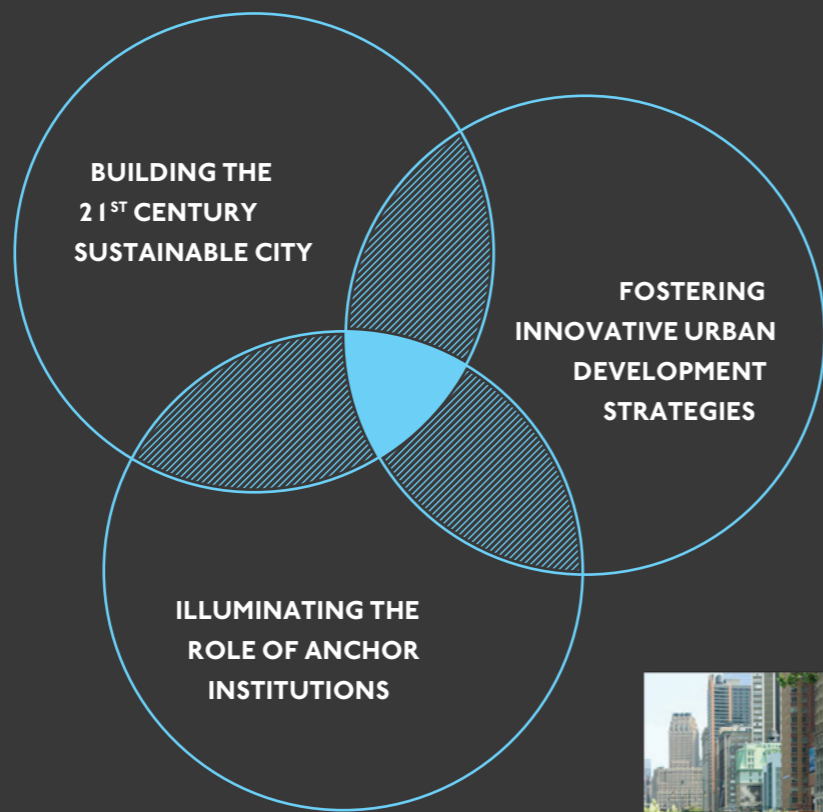


Susan M. Wachter



Handwritten signatures of Eugenie L. Birch and Susan M. Wachter in black ink.

Eugenie L. Birch and Susan M. Wachter
Co-Directors, Penn Institute for Urban Research



Penn IUR Programs: Convener, Voice and Laboratory

Penn IUR engages urban researchers, practitioners and policymakers to increase and disseminate understanding of cities through cross-disciplinary research, instruction, and civic engagement. In this work, Penn IUR focuses on the three areas: informing the sustainable city, fostering innovative urban development strategies and illuminating the role of anchor institutions in urban places. To carry out its mission, Penn IUR performs three functions: it serves as a convener, a voice and a laboratory. Sustaining this work are grants, philanthropic gifts and support from the University.

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1) Seattle, photo: Benjamin Schneider 2) Popular Gardens, Havan, Cuba, photo: Ed Weston 3) Kimmel Center for the Performing Arts, Philadelphia 4) Brick houses, Chicago, photo: Chicago Center for Working Class Studies, Jeffery Helgeson 5) photo © The Battery Conservancy, 2008 6) Mexico City



Penn IUR as Convener



In order to link researchers with practitioners, policymakers, faculty, students and the interested public, Penn IUR hosts programs throughout the year to examine timely topics facing cities worldwide. While some address national and international urban issues, others focus on the Philadelphia region. Whether it is a multiday conference or an evening lecture, all of Penn IUR's events bring together scholars with practitioners, bridging the academy and field.



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1) Rocco Landesman, Chairman, NEA, Penn IUR Public Interest Event, Arts and the City: Can the Arts Revive Our Cities' and the Nation's Economy? *photo: Greenhouse Media* 2) Judith Rodin at the Urban Anchors in the 21st Century conference, *photo: Stuart Watson* 3) Exhibit at the Re-Imagining Cities: Urban Design After the Age of Oil conference, *photo: Lou Huang* 4) Lawrence C. Nussdorf & Melanie Franco Nussdorf at the Penn IUR Roundtable on Anchor Institutions, *photo: Stuart Watson* 5) Audience, Re-Imagining Cities conference. Richard Richman, Penn IUR Advisory Board member (center). *photo: Lou Huang* 6) Wangari Maathai and children at the Growing Greener Cities Symposium, *photo: Stuart Watson*

PENN IUR NATIONAL IMPACT CONFERENCES

To date, Penn IUR has sponsored or cosponsored fifteen National Impact Conferences. These conferences address critical urban issues of the day, convening national – and often international – leading experts, and are open to broad audiences of anywhere between 100 and 400 academics, policymakers, professionals, students, and members of the general public.

The Franklin Conference – School by Design: Innovative Intentions (May 2005) with Penn Praxis

Rebuilding Urban Places After Disaster (January 2006) with the Office of the Provost

Poor, Young, Black and Male: A Case for National Action (April 2006) with Professor Elijah Anderson

The New Downtown (April 2006) with Princeton's Policy Research Institute on the Region

Growing Greener Cities (October 2006) with the Pennsylvania Horticultural Society ([page 17](#))

Urban Anchors in the 21st Century (October 2007) with the Lincoln Institute of Land Policy University and the City Initiative; Great Cities Institute, University of Illinois, Chicago; and CEOs for Cities.

Land and Power (October 2007) with Princeton's Policy Research Institute on the Region

Women's Health Is the Community's Health (September 2007) with the School of Nursing

Re-Inventing Older Communities (March 2008) with the Federal Reserve Bank of Philadelphia

The Shape of the New American City (October 2008) with the American Academy of Political and Social Sciences

Re-Imagining Cities: Urban Design After the Age of Oil (November 2008) with the School of Design ([page 18](#))

Cities and Women's Health: Global Perspectives (April 2010) with the School of Nursing ([page 19](#))

Reinventing Older Communities: Rebuild, Restore, Renew (May 2010) with the Philadelphia Federal Reserve Bank

Cities in Global Perspective (April 2011) with the Center for Ancient Studies, the Lauder Institute of Management and International Studies, the History Department, the History of Art Department, and East Asian Languages and Cultures

Preparing Today's Students for Tomorrow's Jobs: The Policy, Practice, and Research Issues (May 2011) with the Graduate School of Education

Growing Greener Cities Symposium

October 15-17, 2006

Penn IUR along with the Pennsylvania Horticultural Society and the producers of the PBS four-part series *Edens Lost & Found*, The Media & Policy Center Foundation, hosted the Growing Greener Cities symposium. The symposium showcased cutting-edge urban sustainability research and best practices. More than 300 students, academics, practitioners, and policymakers attended the two-day conference, which featured a screening of *Edens Lost & Found*, a book fair, and addresses from more than 50 speakers on issues of urban sustainability and the importance of community participation in urban greening.

On the evening of October 16, Dr. Wangari Maathai, founder of the Green Belt Movement, and recipient of the 2004 Nobel Peace Prize, gave the symposium's keynote address. Dr. Maathai gave an insightful and empowering lecture to an audience of more than 1,200 people. Recognizing the strong implications of sustainable management of the environment, Dr. Maathai presented an argument for democracy rooted in respect for human rights, equity, and justice. Following her speech, cosponsored by the Office of the Provost as part of the Provost's Global Forum, President Amy Gutmann presented Dr. Maathai with the Penn Medal for Distinguished Achievement.

Penn IUR's Co-Directors compiled new works by many of the participants in *Growing Greener Cities: Urban Sustainability in the 21st Century* (University of Pennsylvania Press, 2008). The book captures the urgency in which many cities are balancing issues of environmental sustainability and economic development. It treats climate change and regional planning, sustainable transportation systems, watershed restoration, urban farming and food supply, green building systems, citizen activism, financing sustainable urban development, and methods for measuring success. Among the 22 contributors are Alexander Garvin, internationally renowned public space planner and designer; Neil Peirce, Washington Post columnist; Jeremy Nowak, Director and Co-Founder of The Reinvestment Fund, and Robin Thompson, Sustainable Development Advisor to London Mayor Ken Livingston. Penn President Amy Gutmann who wrote the book's foreword, illuminates the University's commitment to sustainability and the way anchor institutions like Penn are leading the charge. Named a Top 10 book by Planetizen in 2009, *Growing Greener Cities* was translated into Chinese in 2011.

Photos (from top):

1) Rooftop garden, Chicago City Hall 2) Wangari Maathai, Nobel Peace Laureate, Growing Greener Cities Symposium, photo: Stuart Watson



Re-Imagining Cities: Urban Design After the Age of Oil

November 7-8, 2008

Penn IUR, in partnership with the School of Design and supported by the Rockefeller Foundation, convened a two-day symposium and exhibition to discuss how 21st-century energy and environmental conditions will inspire many changes – from individual buildings to the systems that deliver essential services and networks that connect cities and regions. More than 560 attendees, 73 speakers and seven bloggers from twelve countries and five continents participated in the symposium. They called for refocusing urban design discourse and urban design education, issuing a manifesto, The Penn Resolution: Educating Urban Designers for Post-Carbon Cities (now available through Amazon.com).

In the opening plenary, Judith Rodin, President of the Rockefeller Foundation, charged the participants to “organize cityscapes around people and communities, not just cars and roads, as oil becomes increasingly scarce and costly, and as the global climate crisis worsens.” She challenged the group: “Together, we must plan and build an energy- and environmentally sustainable urban future that promotes equitable economic growth and supports dynamism, density, and diversity.” Other speakers included Elizabeth Kolbert, staff writer for The New Yorker and author of Field Notes from a Catastrophe; Adil Najam, Director of the Frederick S. Pardee Center for the Study of the Longer-Range Future and Professor of International Relations and Geography and the Environment; David Orr, Paul Sears Distinguished Professor of Environmental Studies and Politics, who followed with a discussion that framed the problem of environmental change; Peter Head, Global Leader of Planning and Project Director of Eco-City Master Planning at Arup; Richard Wurman, Chairman of 19.20.21 and Founder of TED; Andrew Revkin, author of the New York Times blog Dot Earth; and Witold Rybczynski, Martin and Margy Meyerson Professor of Urbanism and an architecture critic for Slate.com.

The symposium also commemorated the 50th anniversary of the Penn-Rockefeller “Conference on Urban Design Criticism,” with an exhibition. At the original groundbreaking event, Jane Jacobs, Louis Kahn, Kevin Lynch, Ian McHarg, Lewis Mumford, and I.M. Pei reconstituted mid-20th-century urban design. The 2008 symposium featured artifacts of the 1958 conference and also looked at more than 40 exemplary projects from around the world. Powered by a solar generator and featuring a Smart Car from PhillyCarShare parked outside, film clips, and interactive voting stations, the exhibition later traveled to three other locations: the Center for Architecture in downtown Philadelphia, the Municipal Art Society of New York City, and the University of Utah.

Photos (from top):

1) Neal Peirce, *Washington Post* columnist, photo: Lou Huang 2) Re-Imagining Cities exhibit hall, photo: Lou Huang 3) Susan M. Wachter, Eugénie Birch, and Robert Sokolow, photo: Lou Huang 4) Panel with Dean Marilyn Jordan Taylor (center), photo: Lou Huang



Cities and Women's Health: Global Perspectives

April 7-10, 2010

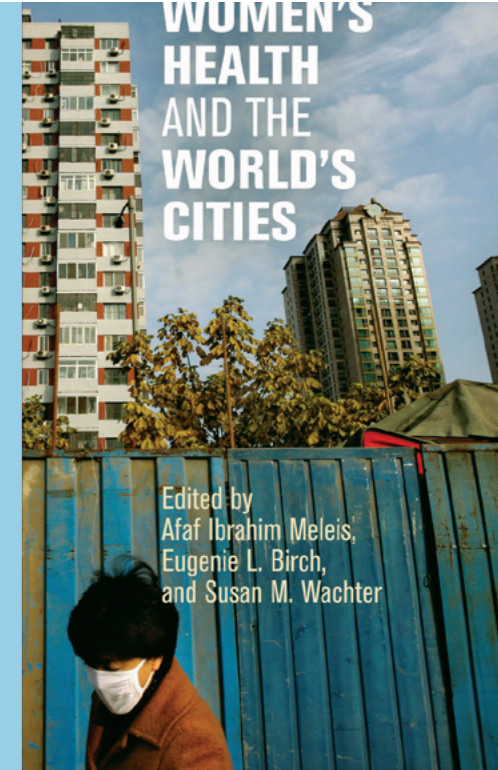
Penn IUR supported “Cities and Women's Health: Global Perspectives,” organized by the School of Nursing for the Penn-ICOWHI 18th International Conference. Conference attendees were scholars and practitioners in the disciplines of urban design, city planning, health sciences, health policy, law, social policy, education, and sociology, who analyzed the intersection of urban planning and women's health. This international conference brought together people from 32 different countries, representing six out of the seven continents (excluding Antarctica) – 375 participants in total – to forge partnerships and discuss the most pressing issues facing women in urban environments.

The conference included nine keynote presentations and 25 plenary presentations. It featured such renowned speakers such as Melanne Vermeer, U.S. Ambassador of Global Women's Issues; Julio Frenk, Mexico's former Minister of Health and Harvard's current Dean of its School of Public Health; Vivian Pinn, the head of the Women's Health Division of the National Institute of Health; and Mamphelle Ramphele, anti-apartheid activist from South Africa and an accomplished academic and physician. Preconference activities included a series of smaller meetings that spotlighted such urban women's health issues as cardiovascular health, food security, and the impact of art on health in cities. In addition, the conference organizers, partnering with the First Lady of Pennsylvania, Judge Marjorie Rendell, sponsored a student video contest for elementary and high school students on girls' and women's health.

Following the conference, key speakers and presenting researchers contributed to *Women's Health and the World's Cities* (University of Pennsylvania Press, 2011), edited by Afaf Meleis, Dean, School of Nursing and Penn IUR Co-Directors Birch and Wachter. In addition, with support from the Rockefeller Foundation, the conference organizers created the Rockefeller Penn Fellows program, which developed the Urban Women's Health Collaborative (UWHC), an online public access social networking site, to continue the dialogue and knowledge sharing after the conference. The Fellows, twelve early and mid-career thought-leaders from ten countries (Armenia, Bangladesh, Chile, Kenya, Korea, Nigeria, Pakistan, Peru, Thailand, and the United States) and diverse fields, championed discussions on new ideas for promoting women's health in cities around the world.

Photos (from top):

1) Afaf Ibrahim Meleis, Eugénie L. Birch, and Susan M. Wachter, Editors, *Women's Health and the World's Cities* (Penn Press, 2011) 2) Dean Afaf I. Meleis (center) and President Amy Gutmann (right) 3) Conference attendees 4) Keynote speaker Sheila Patel



PENN IUR EXPERT ROUNDTABLES

Over the past seven years, 23 Penn IUR Expert Roundtables have brought more than 500 scholars and practitioners to the campus. These 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 are typically daylong events with audiences ranging in size from 20 to 50 individuals.

State of the American City, Washington, D.C. (May 2004)

(November 2006), in partnership with the United States Geological Survey

Repositioning Public Housing for the Future: Strategies and Practices, Puerto Rico (March 2005)

The Northeast Climate and Competitiveness Summit, Philadelphia (March 2007), in partnership with America 2050 and the Regional Plan Association of New York

The University and Public Design: The Impact of Urban University Development in Cities, Mayors' Institute on City Design, Philadelphia (November 2005)

Earth From Space, Roundtable on Global Urban Development Research, Philadelphia (March 2007), in partnership with the United States Geological Survey

Rescaling the City: Comparative Urban Politics Workshop, Philadelphia (August 2006), in partnership with the Comparative Urban Politics Group, American Political Science Association

Toward a 21st Century Urban Agenda, Bellagio, Italy (July 2007), part of Innovation for an Urban World, A Global Urban Summit in partnership with the Brookings Institution, America 2050 and Center for Sustainability, Columbia University

The Greater Philadelphia-New York Infrastructure Leadership Exchange, New York and Philadelphia (October 2006), in partnership with America 2050, the Regional Plan Association of New York, Pennsylvania Economy League

Inner City Economic Forum Summit, Philadelphia (October 2007), with the Initiative on Competitive Inner Cities (ICIC), Harvard University, headed by Michael Porter

A National Framework for Risk Reduction and Management of Natural Hazards, Washington, D.C.

Ideas on Urban Futures: The Next Generation of Philadelphia Leadership, Philadelphia (October 2007)

Penn IUR Roundtable on Anchor Institutions: Performing Arts Centers, Philadelphia (June 2008)

Creating a New Natural Resource Legacy, Philadelphia (June 2008), with the Commonwealth of Pennsylvania Department Conservation and Natural Resources

Subprime Mortgage Crisis: Policy Analysis for Solutions (September 2008), with the Hudson Institute

Using Science for Decision-making in Urban Places, ACES Conference on Ecosystem Services, Naples, Florida (December, 2008), with the United States Geological Survey

Philadelphia 360 Leadership Roundtable: Infrastructure for the 22nd Century, Philadelphia (May 2009)

Downtown Leadership Research Council Roundtable, Philadelphia (November 2009), with Philadelphia's Center City District

Philadelphia 360 Leadership Luncheon: Philadelphia 2035, Philadelphia (May 2010)

Penn IUR Roundtable on Anchor Institutions: Museums as Urban Anchors, Philadelphia (September 2010)

Infrastructure Investments and Sustainable Urban Design, Mayors' Institute on City Design, Philadelphia (September 2010)



Building Scholarship on Anchor Institutions through Peer-to-Peer Exchange

The Penn IUR Roundtable on Anchor Institutions (PRAI) is a recurring expert event that convenes leaders from anchor institutions, their respective civic collaborators (academic, government, and foundation partners), and technical experts for an intense full day of discussions around issues of mutual concern. Each closed-door session offers an opportunity for institution leaders to engage with peers, strategize solutions, compare notes from the field, and generate national knowledge that can be applied in a local context, building knowledge around public/private investments, mission-driven community initiatives, and public engagement strategies.

To date, Penn IUR has sponsored two roundtables. In PRAI-1 (2008), we convened the heads of performing art centers (The Los Angeles County Music Center, Los Angeles; Kimmel Center for the Performing Arts, Philadelphia; Woodruff Arts Center, Atlanta; and Arena Stage at the Mead Center for American Theater, Washington, D.C.); in PRAI-2 (2009), we assembled the directors of art museums (The Art Institute of Chicago, Chicago; Dallas Museum of Art, Dallas; Philadelphia Museum of Art, Philadelphia; and the High Museum of Art, Atlanta); and in PRAI-3 (2011), we will host executive leaders of baseball teams (Washington Nationals, Washington, D.C.; Cleveland Indians, Cleveland; San Francisco Giants, San Francisco; Florida Marlins, Miami; and Philadelphia Phillies; Philadelphia).

Photo: PRAI 2010 public event

A Conference on Ecosystem Services (ACES) 2010: Using Science for Decision Making in Dynamic Systems, Philadelphia (December 2010) with the United States Geological Survey

Philadelphia Leadership Luncheon: Introduction to the Center City Microgrid, Philadelphia (March 2011)

America's Sustainable Future: How U.S. Cities Are Making Energy Work, Philadelphia (June 2011), with Viridity Energy, Philadelphia's Center City District, the Greater Philadelphia Innovation Cluster (GPIC), and the Wharton Program for Social Impact

Slum Upgrading Today: Lessons From Africa and Around the World (February 2008), with Marja Hoek-Smit, Director of the International Housing Finance Program, The Wharton School; Michael Larice, professor, School of Design; and Andrew Reback, student, School of Design

Reshaping the City: New Visions for Urban Infrastructure (July 2009), with Alex Krieger, Professor of Practice, Harvard Graduate School of Design; Trent Lethco, Senior Transportation Planner, ARUP Inc; Rina Cutler, Philadelphia's Deputy Mayor for Transportation and Utilities; Michael DiBerardinis, Philadelphia's Commissioner of Parks and Recreation; Alan Greenberger, Philadelphia Deputy Mayor for Planning and Economic Development, City of Philadelphia, and Marilyn Jordan Taylor, Dean and Paley Professor, University of Pennsylvania School of Design

Arts and the City: Can the Arts Revive Our Cities' and the Nation's Economy? (March 2010), with

Rocco Landesman, Chairman, National Endowment for the Arts; Donald Harrison, saxophonist, singer, composer; Julia Olin, Executive Director, National Council for the Traditional Arts; Greg Rowe, Director, Culture Initiatives, The Pew Charitable Trusts; Cookie Ruiz, Executive Director, Ballet Austin; Nick Spitzer, Host and Producer, American Routes, National Public Radio; Mark Stern, Penn professor of Social Welfare and History, Social Impact of the Arts Project; and David Thornburgh, Executive Director, Fels Institute of Government (see sidebar)

Urban Smart Grid and Energy Innovation (June 2011), at Philadelphia's Academy of Natural Sciences with Jon Wellinghoff, Chairman, Federal Energy Regulatory Commission; Brewster McCracken, Executive Director, Austin's Pecan Street Project; Audrey Zibelman, President and CEO, Viridity Energy; and Sara C. Bronin, Co-Director, Center for Energy & Environmental Law, University of Connecticut School of Law

PENN IUR PUBLIC INTEREST EVENTS

Penn IUR has sponsored or cosponsored more than 60 Public Interest Events. These lectures, seminars, and panel discussions are designed to highlight key topics in urban research and best practices of relevance to Philadelphia, the nation, and the global community. Included in the Penn IUR Public Interest Events are a special series on how Penn's theme year relates to the city (2009: Arts and the City, 2010: Water and the City) and the Penn IUR Urban Book Talk Series, which features the authors of new titles in our C21/Penn Press series and beyond. In addition to events on Penn's campus, we have held events for the public in downtown Philadelphia, New York City, and Washington, D.C. Exemplary programs include:

Globalization, Cities, Jobs and the National Economy (April 2005), with Jeremy Siegel, Russell E. Palmer Professor of Finance, The Wharton School

Kia Sassen, Centennial Professor, Department of Sociology, London School of Economics

The Growing Importance of a City's History in Today's Global Economy (March 2006), with Sas-

Where Will the Next 100 Million Live? (March 2007), with the Honorable Parris Glendening, former Governor, Maryland, and Joel Kotkin, Senior Fellow, Center for an Urban Future

Philadelphia: A Forum for Critical Urban Discussions

Many of Penn IUR's Public Interest events look closely at issues of national and international importance as they play out in Philadelphia. On March 2, 2010, Penn IUR hosted "Arts and the City: Can the Arts Revive Our Cities' and the Nation's Economy?" at the Penn Museum of Archaeology and Anthropology. This event was one of three seminars Penn IUR developed to explore the transformative effect of the arts on the nation's cities as part of the Provost-sponsored Year of the Arts and the City. The Honorable Rocco Landesman, Chair, National Endowment for the Arts, delivered the evening's keynote speech.

After accepting the Penn IUR invitation to speak, Landesman had preceded the talk with a daylong tour of Philadelphia as a stop on his "Art Works" tour across America. He visited many of the city's community-based arts institutions including the Crane Arts galleries and spoke with artists, community leaders and public officials such as Mayor Michael Nutter, Jeremy Nowak of The Reinvestment Fund, and Penn IUR Faculty Fellow Mark Stern, Co-Director of the Social Impact of the Arts Project.

Following Landesman's keynote, Nick Spitzer, host and producer of public radio's American Routes, moderated a discussion among artists, grant-makers, and nonprofit arts organization leaders on how the arts affect local and national economies and their potential to help rebuild struggling urban areas. The Greater Philadelphia Cultural Alliance and Philagrafika, Philadelphia's first city-wide series of print exhibitions, cosponsored the forum. The audience of students, academics, artists, and policymakers took part in a lively conversation with the panelists.



Penn IUR is a

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1) photo: Jay Janner & Austin American Statesman 2) Eugénie Birch presents 2010 Penn IUR Urban Leadership Award to William Hudnut, photo: Greenhouse Media 3) Advisory Board Chair Egbert Perry, photo: Stuart Watson 4) Robert Sokolow presenting, Re-Imagining Cities conference, photo: Lou Huang 5) Opening reception, Re-Imaging Cities exhibit, photo: Lou Huang 6) Xavier Briggs, Penn IUR Public Interest Event, Moving to Opportunity, photo: Lindsay MacDonald & Next American City magazine 7) Derek Douglas, Special Assistant to President Obama on Urban Affairs speaking at a Penn IUR Public Interest Event at the National Building Museum 8) Disney Concert Hall, Los Angeles 9) PRAI 2008 Arena Stage presentation 10) Mural by the City of Philadelphia Mural Arts Project 11) 2008 Penn IUR Urban Leadership Awardee Edward Blakely, photo: Stuart Watson 12) Susan M. Wachter and 2011 Penn IUR Urban Leadership Awardee Raphael Bostic, photo: Greenhouse Media 13) Beirut, Lebanon, photo: Dan Schechter

voice

and



laboratory

PENN IUR FACULTY FORUMS

From 2004 to 2009, Penn IUR used its convening capacity to support Faculty Forums, designed to encourage interdisciplinary urban research and partnerships across the University. Competitively awarded funding supported six Penn IUR Faculty Forums, led by nineteen faculty members from nine schools. Each attracted the participation of faculty and doctoral students from across the university through events and special convenings. The six Penn IUR Faculty Forums are:

African-American Males Transcending Urban Disadvantage (2008-2009)

Directed by Shaun R. Harper, Graduate School of Education and John L. Jackson, Annenberg School for Communication, School of Arts and Sciences.

Cities Around the World: Networks, Form, Function (2004-2007)

Directed by Richard Estes, School of Social Policy and Practice; Donald F. Kettl, School of Arts and Sciences; and Janice F. Madden, School of Arts and Sciences.

Immigration, Race, and Urban Inequality (2004-2009)

Directed by Kathleen Hall, Annenberg School for Communication; Michael Katz, School of Arts and Sciences; Wendell Pritchett, School of Law; and Mark Stern, School of Social Policy and Practice. Michael Katz and forum member, Domenic Vitiello, School of Design, published *Recent Immigration*

to Philadelphia: *Regional Change and Response* (Brookings Institution, 2008).

Modeling Urban Environmental Impacts on Health, Development, and Behavior (2004-2008)

Directed by Dennis Culhane, School of Social Work; John Fantuzzo, Graduate School of Education; Shiriki Kumanyika, School of Medicine; and Dana Tomlin, School of Design. Eight Forum members (Hillier,

Volpe, Tomlin, Sullivan-Marx, Davitt, Steinberg, Branas, Wiebe) have contributed to *PhillyDotMap* (Dana Tomlin and Dennis Culhane, eds., January 2009).

Refocusing the Interdisciplinary: Toward Elder-Friendly Urban Environments (2005-2006)

Directed by Eileen Sullivan-Marx, School of Nursing; Joan K. Davitt, School of Social Policy and Practice; Dina Schlossberg, School of Law; Harris Steinberg,

School of Design; and Lucy Kerman, Fels Institute of Government.

Urban Change Under Globalization in Cross-Cultural Perspective (2008-2009)

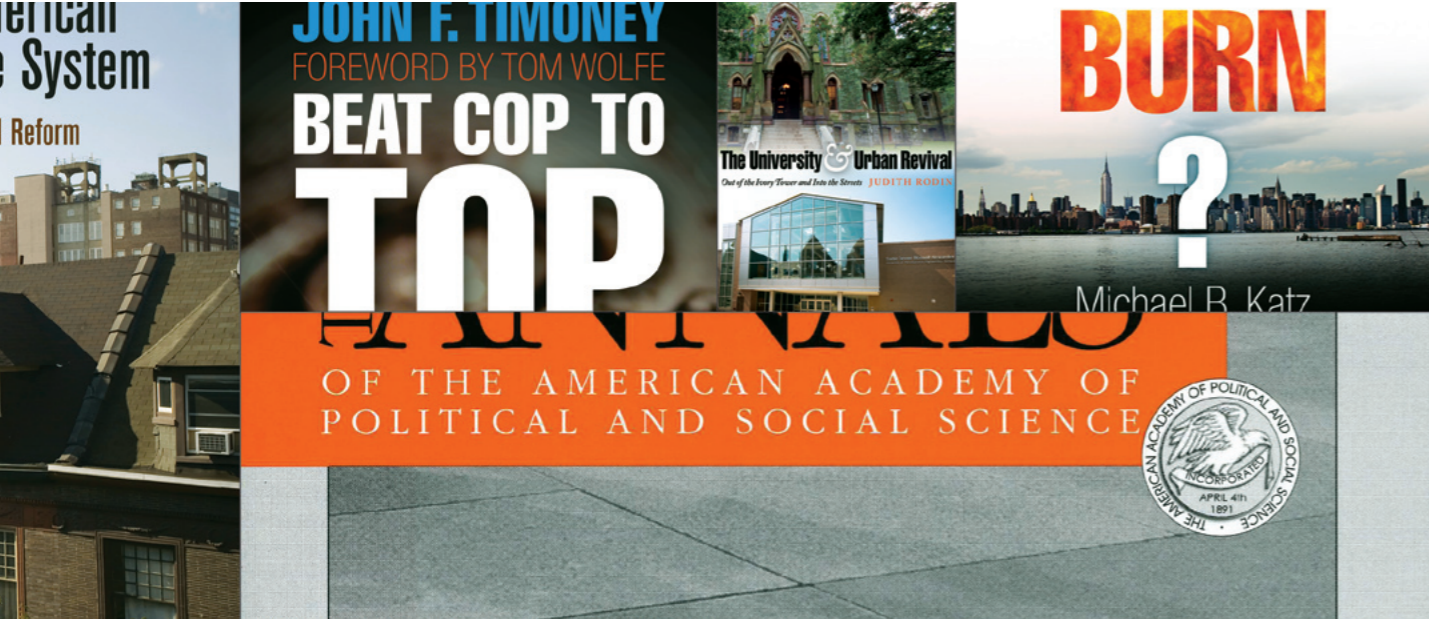
Directed by Mauro Guillen, The Wharton School and Brian Spooner, School of Arts and Sciences. The forum has evolved into the Center for Urbanization Studies in an Urban World.



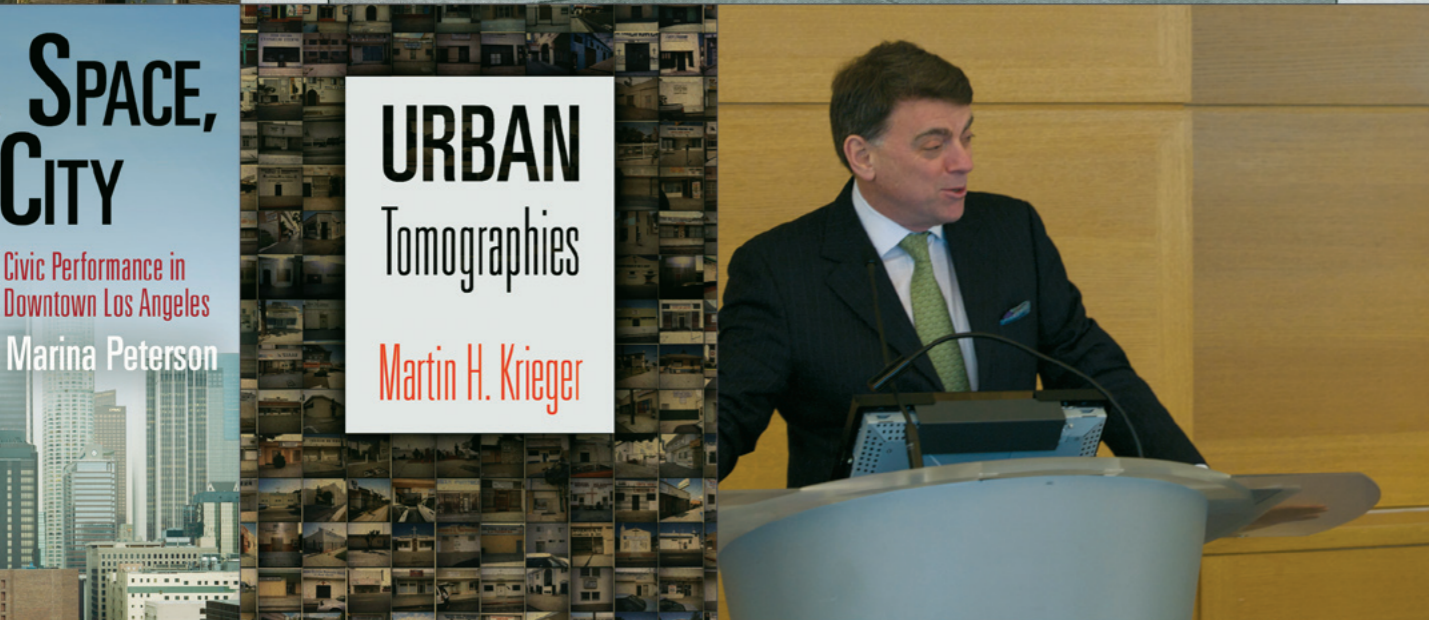
Above:
Penn IUR Faculty Fellow Harris Steinberg, photo: Stuart Watson

Opposite (clockwise from top left):
1) Penn IUR Faculty Fellows Michael B. Katz and Domenic Vitiello, photo: Stuart Watson 2) Penn IUR Faculty Fellow Brian Spooner 3) Penn IUR Faculty Fellow Eileen Sullivan Marx, photo: Stuart Watson 4) Penn IUR Faculty Fellow Mark Stern, photo: Greenhouse Media





Penn IUR as Voice



In serving as a voice for urban research, Penn IUR has undertaken several activities: sponsoring publications; developing the Penn IUR Annual Urban Leadership Award, a recognition of exemplary work; and employing digital communications (website, social media and video) to disseminate urban research to the broadest audiences possible.



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- 1) Susan M. Wachter and Marvin M. Smith, Editors, *The American Mortgage System: Crisis and Reform* (Penn Press, 2011)
- 2) John Timoney, *Beat Cop to Top Cop: A Tale of Three Cities*, (Penn Press, 2011)
- 3) Judith Rodin, *The University and Urban Revival: Out of the Ivory Tower and Into the Streets* (Penn Press, 2007)
- 4) Michael B. Katz, *Why Don't American Cities Burn?* (Penn Press, 2011)
- 5) *The Annals of the American Society of Political and Social Science*, November 2009
- 6) Marina Peterson, *Sound, Space, and the City: Civic Performance in Downtown Los Angeles* (Penn Press, 2010)
- 7) Martin Krieger, *Urban Tomographies* (Penn Press, 2011)
- 8) Thomas S. Robertson, Dean of The Wharton School, *photo: Greenhouse Media*
- 9) 2009 Penn IUR Urban Leadership Awardees Bruce Katz, Shirley Franklin and Parris Glendening, *photo: Greenhouse Media*
- 10) Jon Calame and Esther Charlesworth, *Divided Cities: Belfast, Beirut, Jerusalem, Mostar, and Nicosia* (Penn Press, 2009)

PENN IUR PUBLICATIONS

Penn IUR publications include the City in the 21st Century series with Penn Press, reports, white papers, and special issues of scholarly journals.

The City in the 21st Century, Penn Press Book Series

The City in the 21st Century is an interdisciplinary series of books, published by Penn Press, addressing both topical and long-range issues confronting the world's cities, from disaster response to cultural coexistence, from civic engagement to urban revitalization. The following nineteen volumes have been published and a number of volumes are in various stages of production. Penn IUR develops books from papers and presentations presented at Penn IUR National Impact Conferences (titles marked with an asterisk) and seeks titles from Penn faculty as well as other renowned scholars and thought-leaders.

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)

*Elijah Anderson, Editor, *Against the Wall: Poor, Young, Black, and Male* (hc 2008, pb 2009)

*Eugénie L. Birch and Susan M. Wachter, Editors, *Rebuilding Urban Places After Disaster: Lessons from Hurricane Katrina* (pb 2006)

*Eugénie L. Birch and Susan M. Wachter, Editors, *Growing Greener Cities: Urban Sustainability in the Twenty-First Century* (pb 2008)

*Eugénie L. Birch and Susan M. Wachter, Editors, *Global Urbanization* (hc 2011)

Edward J. Blakely, *My Storm: Managing the Recovery of New Orleans in the Wake of Katrina* (hc Dec 2011)

Peter Brown, *America's Waterfront Revival: Port Authorities and Urban Redevelopment* (hc 2008)

Jon Calame and Esther Charlesworth, *Divided Cities: Belfast, Beirut, Jerusalem, Mostar, and Nicosia* (hc 2009)

Ram Cnaan, *The Other Philadelphia Story: How Local Congregations Support Quality of Life in Urban America* (hc 2006)

Michael B. Katz, *Why Don't American Cities Burn?* (hc Dec 2011)

Scott Gabriel Knowles, *The Disaster Experts: Mastering Risk in Modern America* (hc Aug 2011)

Martin Krieger, *Urban Tomographies* (hc 2011)

Gary McDonogh and Marina Peterson, Editors, *Global Downtowns* (hc Dec 2011)

*Afaf Ibrahim Meleis, Eugénie L. Birch, and Susan M. Wachter, Editors, *Women's Health and the World's Cities* (hc Sep 2011)

*Harriet B. Newburger, Eugénie L. Birch, and Susan M. Wachter, Editors, *Neighborhood and Life Chances: How Place Matters in Modern America* (hc 2011)

Marina Peterson, *Sound, Space, and the City: Civic Performance in Downtown Los Angeles* (hc 2010)

Judith Rodin, *The University and Urban Revival: Out of the Ivory Tower and Into the Streets* (hc 2007)

John Timoney, *Beat Cop to Top Cop: A Tale of Three Cities* (hc 2010)

*Susan M. Wachter and Marvin M. Smith, Editors, *The American Mortgage System: Crisis and Reform* (hc 2011)

Penn IUR Reports

These are publications that Penn IUR has published and made available on Amazon, where hardcopies can be ordered, and on its website for free download. They address timely urban topics, are aimed at a smaller issue-oriented audience, and are made available on a short timeframe.

The Penn Resolution: Educating Urban Designers for Post-Carbon Cities. Penn Institute for Urban Research, 2011 (expanded from the 2008 manifesto by the same name).

Retooling HUD for a Catalytic Government: A Report to Secretary Shaun Donovan. Penn Institute for Urban Research, 2009.

Penn IUR Grant-Supported White Papers

These white papers have been developed as part of research grants and/or contracts and are freely available on the Penn IUR website.

An Assessment of How Cities Create and Transfer Knowledge: A Landscape Study. 2011 (funded by the Rockefeller Foundation).

No More Vacancy: A Look at the Costs Vacant Land Imposes on the City of Philadelphia and its Residents, and the Benefits From Reforming the Way It Is Managed. 2010 (with Econsult for the City of Philadelphia, Redevelopment Authority).

Penn IUR White Papers Series on Sustainable Urban Development

This white paper series was inaugurated in July 2011 with the Penn IUR Executive Committee serving as the editorial board. It will feature scholarly papers from Penn IUR Faculty Fellows, other Penn faculty, and scholars from around the globe on a broad range of issues pertaining to urban sustainability.

Laura Wolf-Powers. *Human Capital-Centered Regionalism in Economic Development: A Case of Analytics Outpacing Institutions?*, 2011.

Eugénie L. Birch and Amy Lynch. *Sustainable Development Indicators: State of the Art and Its Potential Congruence With U.S. Department of Housing and Sustainable Communities Initiatives*. 2011.

Scholarly Journals Special Issues

Penn IUR has worked with journal editors to produce topical special-issue journals.

"The Shape of the New American City," *The Annals of the American Academy of Political and Social Sciences*. November 2009; 626 (1).

"Centennial Edition," *Journal of the American Planning Association*, 2009.

PENN IUR ANNUAL URBAN LEADERSHIP AWARD AND FORUM

Each year, through the Penn IUR Annual Urban Leadership Award and Forum the Institute recognizes exemplary innovators who have demonstrated the vision and leadership necessary to revitalize urban centers, respond to urban crises, and champion sustainable development and social inclusion in urban areas across the United States and around the globe. Penn IUR publications include the City in the 21st Century series with Penn Press, reports, white papers, and special issues of scholarly journals.

2005 Forum

The Role of Mayors in Urban Transformation

Awardees:

Manuel A. Diaz, Mayor, City of Miami

Stephen Goldsmith, Former Mayor, City of Indianapolis

Marc H. Morial, Former Mayor, City of New Orleans

John F. Street, Mayor, City of Philadelphia

2006 Forum

Leadership in the Face of Disaster

Awardees:

James Lee Witt, Chairman and CEO, James Lee Witt Associates, a Part of GlobalOptions Group

Brent Warr, Mayor, City of Gulfport, Mississippi

Loree D. Jones, Secretary of External Affairs, Office of the Mayor, Philadelphia

South Carolina

Michael DiBerardinis, Secretary, Pennsylvania Department of Conservation and Natural Resources

2008 Forum

Perspectives on Urban Leadership: Intersecting Theory and Practice

Awardees:

Edward J. Blakely, Executive Director, Mayor's Office of Recovery and Development Administration, City of New Orleans

M. Susan Savage, Secretary of State, Oklahoma

Donna E. Shalala, President, University of Miami; former Secretary, U.S. Department of Health and Human Services

2007 Forum

Urban Design and Sustainability

Awardees:

Joseph P. Riley, Jr., Mayor, City of Charleston,

2009 Forum

Building Competitive and Sustainable Cities

Awardees:

Shirley Franklin, Mayor, City of Atlanta, Georgia

Parris Glendening, President, Smart Growth Leadership Institute; former Governor, Maryland

Bruce Katz, Vice President and Founding Director of the Metropolitan Policy Program, The Brookings Institution

2010 Forum

Making Metropolitan American Sustainable

Awardee:

William Hudnut III, Senior Fellow Emeritus, Urban Land Institute; former Mayor, Indianapolis, Indiana

2011 Forum

Building The Sustainable Community

Awardees:

Raphael Bostic, Assistant Secretary for Policy Development and Research, U.S. Department of Housing and Urban Development

Henry Cisneros, Executive Chairman, CityView, and former Secretary, U.S. Department of Housing and Urban Development

Jane Golden, Executive Director, City of Philadelphia Mural Arts Program

John Timoney, former Miami Chief of Police and author, *Beat Cop to Top Cop: A Tale of Three Cities*



Photos (clockwise from top left): 1) 2011 Penn IUR Urban Leadership Awardees Raphael Bostic and Jane Golden photo: Greenhouse Media 2) 2008 Penn IUR Urban Leadership Awardee Susan Savage, photo: Stuart Watson 3) audience at the 2010 Penn IUR Urban Leadership Award, photo: Greenhouse Media 4) 2010 Penn IUR Urban Leadership Award, board member Mark Rosenberg, photo: Greenhouse Media 5) 2010 Penn IUR Urban Leadership Award panelists: William Hudnut, Paul Levy, Carl Greene, Terry Gillen, photo: Greenhouse Media (center): 2007 Penn IUR Urban Leadership Award commentator Gerry Sweeney, President and CEO of Brandywine Realty Trust, photo: Stuart Watson





Penn IUR as Laboratory



In its function as a laboratory, Penn IUR engages in research and associated projects, selected to promote increased knowledge and understanding of its thematic interests, and participates in several instructional efforts. We engage in other collaborative efforts at the local, national, and international levels that promote exploration of new urban knowledge and civic engagement. Through participation in or encouragement of selected instructional activities, we support teaching and training students at the undergraduate and graduate levels.

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1) West Philadelphia, photo: Greenhouse Media 2) Penn IUR Public Interest Event attendee, photo: Lindsay MacDonald and Next American City magazine 3) Penn IUR Faculty Fellow Georgette Phillips speaking at National Impact Conference 4) Gasworks Park, Seattle 5) Penn IUR Faculty Fellow Gary Hack 6) Penn IUR Expert Roundtable, 2010 Mayors Institute on City Design

RESEARCH AND ASSOCIATED PROJECTS

Penn IUR has engaged in research and associated projects focused on three organizing themes: informing the sustainable city, fostering innovative urban development strategies, and illuminating the role of anchor institutions in urban places. This work has taken many forms including undertaking basic research, developing databases and monitoring systems, writing case studies, and other activities. In addition, Penn IUR has participated in creating new laboratories with collaborators focused on addressing specific issues of international or national importance. Below are some examples, organized around Penn IUR's thematic interests.

Informing the Sustainable City

Urban Research for Global Cities

With support from the Rockefeller Foundation, Penn IUR has undertaken a multiyear study focused on understanding and improving the mechanisms through which cities transfer knowledge and best practices surrounding sustainable urban development. The findings are documented in the Penn IUR 2011 white paper *An Assessment of How Cities Create and Transfer Knowledge: A Landscape Study*. This work builds on Penn IUR's broader involvement with the Rockefeller Foundation's 2007 Global Urban Summit at the Bellagio Center in Italy, where Penn IUR developed the weeklong session "Toward a Twenty-First-Century Urban Agenda," which resulted in the 2011 Penn Press/City in the 21st Century series publication *Global Urbanization*, ed-

ited by Eugénie L. Birch and Susan M. Wachter. Two Penn IUR events have emerged from this research initiative. In April 2010, Penn IUR, partnered with the School of Nursing, under the leadership of Dean Afaf Meleis, to host the National Impact Conference "Cities and Women's Health: Global Perspectives." In September 2011, Penn IUR partnered with the East-West Center to host the Expert Roundtable "Changing Cities: Linking Global Knowledge to Local Action."

Disseminating Knowledge About Global Urbanization

Penn IUR is a core partner in the World Bank's new Urbanization Knowledge Partnership project, with other institutions including the Indian Institute for Human Settlements, the Cities Alliance, and the McKinsey & Company Global Institute.

The "Urbanization Knowledge Partnership," (UrbKP), which officially launched July 1, 2011 in several places around the world, is a web-based portal developed and funded by the World Bank's Urban Sector. The Knowledge Partnership project is envisaged to involve a series of knowledge exchanges that take place periodically between practitioners, policymakers, academics, and knowledge brokers (such as the Bank) around the world – all of whom are considered members of the partnership. Topics for each knowledge exchange will center on the four core themes of Economic Development, Social Inclusion and Mobility, Environmental Sustainability, and Governance, and will be proposed by the partnership members themselves. These knowledge exchanges, and subsequent discussion and networking, will be conducted via cutting-edge technology and online audio-visual meeting tools. The Urbanization Knowledge Partnership project is on the web at www.urbanknowledge.org.

Sustainability Indicators

Penn IUR has joined with the Sustainable Urban Development Working Group (convened by HUD, the White House Office of Urban Affairs, and the Ford Foundation) to support the review of sustainability indicator systems throughout the U.S. and Canada. Working with the APA, the Penn IUR team conducted an environmental scan and analysis of existing sustainability indicator systems, ultimately presenting a lean set of operational and consistent indicators currently in use. The objective is that a more consolidated set of indicators can be employed by U.S. cities and regions in order to develop increasingly evidence-based sustainability policies, as well as to support the implementation and evaluation of existing national programs, such as the HUD-DOT-EPA Partnership for Sustainable Communities.

Spatial Integration Laboratory for Urban Systems

Penn IUR has partnered with the Wharton GIS Lab on a research collaborative, the Spatial Integration Laboratory for Urban Systems (SILUS), funded through the U.S. Geological Survey, and established in 2004, to study ecological, environmental, and socioeconomic issues involved in urban and regional development.

Greater Philadelphia Innovation Cluster for Energy Efficient Buildings: Knowledge Platform

Penn IUR has joined other departments across the university as a member of the Greater Philadelphia Innovation Cluster for Energy Efficient Buildings (GPIC), a Department of Energy-funded "energy innovation hub." GPIC is focused on developing new research on energy-efficient retrofits for commercial buildings, with Penn IUR building the GPIC Knowledge Platform, a repository of policy and practice, as part of the "Policy, Markets and Behavior" team. The team objective is to transform the uptake of innovations in retrofit technology throughout the nation.

Fostering Innovative Urban Development Strategies

Penn IUR Task Force on Improving HUD's Vision and Programs

Under the leadership of Paul Brophy, Penn Visiting Professor of City Planning, Penn IUR convened task forces to reposition the agency to meet today's needs. Joined by Rachel Godsil, Eleanor Bontecou Professor of Law, Seton Hall University, Brophy headed a group of more than 100 experts organized into task forces. The effort involved several Penn faculty, including Ira Harkavy, Founding Director, Net-

Penn IUR as Laboratory

ter Center for Community Partnerships, who headed the Task Force on Anchor Institutions as Drivers of Neighborhood Economic Development, and Wendell Pritchett, former Professor of Law, who headed the Task Force on Strengthening America's Neighborhoods. Susan Wachter (former HUD Assistant Secretary) served on the housing finance task force, and Eugénie Birch was a member of the anchors group. Other participants include Roseanne Haggerty, President, Common Ground, who led the Task Force on Meeting the Needs of the Hard to House, and Dan Kildee, Treasurer, Genessee County, Michigan, who headed the Task Force on Improving Communities Impacted by Foreclosures.

Study of Philadelphia's Vacant Land

The Redevelopment Authority (RDA) engaged Penn IUR to estimate the costs of vacant land to the city and to assess the feasibility of urban agriculture on vacant land owned by the RDA. No More Vacancy: A Look at the Costs Vacant Land Imposes on the City of Philadelphia and its Residents, and the Benefits From Reforming the Way It Is Managed, the final study issued in November 2010, attributes losses of \$3.6 billion in reduced property values and \$70 million in property taxes to current vacant land management and calls for reforms citing the potential to activate new construction having an annual economic impact of \$180 million. The study proposes a method to make vacant land available for urban agriculture as well so that neighborhoods can enjoy the positive amenities of a cleaned, greened, productive land parcel.

Recent Immigration to Philadelphia: Regional Change and Response

Professors Michael Katz and Domenic Vitiello, lead-

ers of the Penn IUR Faculty Forum on "Immigration, Race and Urban Inequality," researched and published the 2008 report (with contributions from Audrey Singer and David Park) "Recent Immigration to Philadelphia: Regional Change and Response," with the Brookings Institution's Metropolitan Policy Program. Professors Katz and Vitiello, along with other members of the Faculty Forum on "Immigration, Race and Urban Inequality," have begun pursuing three of the report's recommendations: the creation of a central data clearinghouse on immigration, the formation of a metro council on immigration, and the development of a conference focusing on issues of integrating immigrants in the 21st-century city.

Philadelphia House Price Indices

In partnership with Econsult Corporation, Penn IUR disseminates quarterly House Price Indices for Philadelphia and its neighborhoods as well as the Philadelphia region. The only publicly available house price index for the Philadelphia metropolitan region, the indices are used to assess, measure, and track house price changes and housing market health.

Community Solutions, Public Housing Innovations for New York City

Community Solutions, a joint venture of Penn IUR and the Rosenberg Housing Group, provided case study analysis on the innovative strategies of the Housing Authority of Portland, Oregon, and the Louisville, Kentucky, Metro Housing Authority in the report, "Repositioning Public Housing: Strategies and Practices" (2007). It provides lessons for other jurisdictions and for HUD. The study highlights the authorities' Moving to Work (MTW) programs and their use of countywide jurisdiction to expand housing opportunities for low-income households and

to deconcentrate poverty and public housing units throughout their metropolitan regions. The study also examines the role of strategic planning and the impact of federal regulatory changes.

Illuminating the Role of Anchor Institutions

Penn IUR Case Studies on Anchor Institutions

Anchor institutions are economic engines for cities and regions, acting as real estate developers, employers, purchasers of goods, magnets for complementary businesses, community-builders, and developers of human capital. The place-based nature of anchor institutions, such as universities, hospitals, and cultural centers, makes them important players in city building. Anchor institutions can transform a local economic base, creating industry-based clusters that multiply their economic impact many times over. Strengthening these institutions is important to ensuring successful urban revitalization strategies. Penn IUR has secured gifts and grants to develop cases on anchor institutions in urban development.

Penn IUR's Case Studies on Anchor Institutions come from three content areas: 1) the Livingston Case Studies, which focus on specific issues of anchor institution development and real estate transactions, 2) Penn IUR Roundtable on Anchor Institutions (PRAI) cases, which highlight best practices and challenges facing major cultural and educational urban anchors, and 3) Philadelphia 360° cases, which analyze critical development challenges facing economic development around Philadelphia's anchors. All of the cases aim to address both higher education and civic audiences.

Philadelphia 360°

Made possible by funding by the William Penn Foundation, Philadelphia 360° examined the contemporary planning and economic issues specific to Philadelphia and its anchor institutions through a public lecture series, graduate-level seminar, expert events, and case studies.

Collaborative Efforts

Penn IUR has either initiated or been invited to participate in other collaborative efforts that serve a laboratory function. These activities function at the university (local), national and international levels. Below are examples.

Center for Globalization Studies in an Urban World

The Center for Globalization in an Urban World (GUW) is co-directed by Brian Spooner, Professor of Anthropology, School of Arts and Sciences, and Mauro Guillen, the Dr. Felix Zandman Professor in International Management; Professor of Management and Sociology; Director, Joseph H. Lauder Institute for Management & International Studies. With the support of the Provost's Office, Penn IUR established the Center in 2010 to serve as an identifiable "node" to support inter- and interdisciplinary research and teaching relating to globalization throughout the University of Pennsylvania campus. The Center's website is <http://globalizationstudies.sas.upenn.edu>

National Anchor Institution Task Force

Penn IUR's Co-Directors Birch and Wachter, along with Ira Harkavy, Director of Penn's Netter Center for Community Partnerships, are among the co-founders of the National Anchor Institution Task

Force. The Task Force is a permanent organization created to develop and disseminate knowledge that assists in the creation and advancement of democratic, mutually beneficial anchor-institution community partnerships by:

- Bringing together a group of scholars, university presidents and other leaders in higher education, and practitioners;
- Increasing cooperation and alignment among government, anchor institutions, businesses, schools, community organizations, and philanthropy in order to improve communities;
- Developing strategies to promote interagency government collaboration;
- Providing tools for anchor institutions to enhance their societal missions, address local needs, as well as strengthen democratic, mutually beneficial partnerships between institutions of higher education, schools, and community based organizations;
- Providing tools for anchor institutions to help students develop as democratic citizens who are lifelong contributors to communities and the nation's well-being; and

- Complementing philanthropic strategies to support and strengthen vulnerable communities.

UN-HABITAT World Urban Campaign

In October 2010, Penn IUR became a partner of UN-HABITAT's World Urban Campaign, a global coalition of public, private, and civil society partners that promotes exemplary sustainable urban development policies, strategies and practices from around the globe. The campaign was launched at the fifth World Urban Forum in Rio de Janeiro in March 2010, where Eugénie Birch was elected co-chair of the WUC Steering Committee. In this capacity, she is also a member of the board of the UN-HABITAT University Partnership. Among the World Urban Campaign activities are advancing benchmarking tools and methods, supporting global observatories of good policies and enabling legislation.

INSTRUCTIONAL SUPPORT

In pursuing its urban research agenda, Penn IUR has identified gaps in university course offerings to build knowledge or experience related to urban research methods. Penn IUR filled these gaps through new instructional programs at the undergraduate and graduate levels as well as network-building and collaborative doctoral activities.

The Penn IUR Undergraduate Urban Research Colloquium

The Penn IUR Undergraduate Urban Research Colloquium (UURC) is a course designed to link faculty conducting urban-focused scholarship with undergraduates that have an interest in developing research skills in a semester-long, credit-bearing seminar. The course is cross-listed between the School of Design's Department of City and Regional Planning and the School of Arts and Sciences' Urban Studies program. Students and faculty from all across the university are invited to participate. Research topics have included the ethnographic study of Philadelphia nightlife, barriers to walking in disadvantaged neighborhoods, local and global food and water security, African-American Muslim identity and civic engagement, homelessness and community development corporations in Philadelphia, public health in India, public schools in Philadelphia, and the social history and spatial mapping of anchor urban institutions.

Penn IUR UURC student-faculty collaborations have yielded publications in refereed journals, leveraged other research funding, and prepared undergraduates to pursue original research as an exten-

sion of the Penn IUR UURC project or in other areas. To date, 69 students from all four of Penn's undergraduate schools (Arts and Sciences, Engineering, Nursing, and Wharton) have collaborated with 40 faculty from eight schools (Design, Education, Medicine, Nursing, Arts and Sciences, Engineering, Social Policy and Practice, and Wharton) as a direct result of the Penn IUR UURC course. (see sidebar)

Master of Urban Spatial Analytics

The Master of Urban Spatial Analytics (MUSA), a graduate program Penn IUR launched to integrate urban research with GIS-based analysis, is administered by the School of Design in cooperation with Penn IUR and overseen by the University-wide MUSA Academic Committee. From the spring of 2005, when the program was approved by the University's Board of Trustees, through the fall 2008 semester, MUSA was housed in the College of Liberal and Professional Studies and was a pioneering partnership between the School of Arts and Sciences, the School of Engineering, and the School of Design, who jointly provided instruction. In January 2009, the program was moved to Design in

Penn IUR as Laboratory

order to provide a supportive and cohesive scholarly community. However, it stills draws on teaching and research faculty from the original three schools and has expanded to include faculty from the Wharton School and the Perelman School of Medicine. John Landis, Department Chair and Crossways Professor of City and Regional Planning, directs the program while Amy Hillier, professor of City and Regional Planning, serves as an advisor to MUSA students.

While many universities offer GIS certificates in geography that are predominantly environmentally focused, or master's of city planning degrees with a heavy dose of GIS, none has a program like MUSA. The uniqueness of MUSA lies in its blending of GIS-based applications with a wide range of urban-related disciplinary interests including public health, criminology, transportation, economic development, education, and real estate.

For full-time students, the MUSA degree program is designed to be completed in two semesters. Working students may enroll in the MUSA program on a part-time basis. Most part-time MUSA students take two years to complete their degrees. All students complete a final capstone project that integrates spatial analysis and urban content knowledge around a project of each student's choosing. Recent capstone projects have included:

- A study of the spatial incidence of mortgage foreclosures in Philadelphia
- An analysis of the effect of hospital delivery unit closures on spatial birth patterns in Philadelphia
- An analysis of the spatial incidence and causes of traffic accidents in Philadelphia
- Development of a model of optimal cupcake bakery locations
- An analysis of the effects of spatial isolation on mental health

MUSA graduates work in a wide variety of companies, agencies, and service providers, among them:

- Bank of America
- The U.S. Census Bureau
- City of Baltimore Data Collaborative
- Kittelson & Associates, Transportation Analysts
- Research for Action, Philadelphia
- ESRI, North Carolina
- Federal Reserve Bank of Philadelphia

- The Reinvestment Fund, Philadelphia

Other MUSA graduates have gone on for their Ph.D. degree. To date, 76 students have participated in the program. (see sidebar)

Doctoral Activities

In the doctoral area, Penn IUR plays a supportive role. We have designed two annual programs to introduce, integrate, and support neophyte urban-focused researchers at Penn. The Penn IUR Urban Doctoral Student Convening, a reception for all Ph.D. students and their faculty advisors held in the early winter, aims to create a network of urban-focused researchers across the university. The Penn Urban Doctoral Symposium, jointly hosted by the Urban Studies program, shares and celebrates the knowledge created by Penn's newest scholars, its graduating Ph.D. candidates. The Penn IUR Doctoral Associates Directory is an online listing in the "Associates" section of the Penn IUR website dedicated to current doctoral students from across the University researching various dimensions of urbanism. It allows urban-focused doctoral students to locate one another and support each other during their time at Penn.

The Symposium includes a panel discussion followed by lunch on the Friday prior to graduation. To date, 71 Ph.D. recipients from seven schools have presented their work. Among the presenters have been Christopher Klemek, History '04, who spoke on modernist urbanism in postwar Europe and America; Kevin Gillen, Wharton '05, who spoke on the effect of housing vouchers on Philadelphia real estate markets; Hassan Rodoine, Architecture '06, who spoke on definitions of "city" in Morocco; Elizabeth Green-span, Anthropology '07, who spoke on the memorialization at the World Trade Center site; Rene Luis Alvarez, History '08, who spoke on the schooling of Mexican-Americans in Chicago; Dan Moscovici, City and Regional Planning '09, who spoke on the effects of land preservation on the economy and environment in the U.S.'s northeast forests; Clarisse Haxton, Education and Sociology '10, who spoke on the role of families and schools in Philadelphia's high school application process; and Lia Howard, Political Science '11, who spoke about Federalism and its role in compulsory school attendance and related policies.

Penn IUR UURC Research Leads to Publications

Thomas Sugrue, Penn IUR Faculty Fellow and David Boies Professor of History and Sociology and his student mentee, Andrew Goodman (SAS '06), conducted research on the 1960s race riots in Plainsfield, N.J., as part of the spring 2005 Penn IUR UURC. They first published the research as a co-authored piece: "Plainfield Burning: Black Rebellion in the Suburban North," *Journal of Urban History* 33 (May 2007), 568-601, work that helped inform Sugrue's later book, *Sweet Land of Liberty: The Forgotten Struggle for Civil Rights in the North* (Random House, 2008).

David Grazian, Associate Professor of Sociology, used the research he produced with student mentee Rebecca Aronson (SAS '05) on young people's experiences consuming urban nightlife in his book *On the Make: The Hustle of Nightlife* (Chicago: University of Chicago Press, 2008).



MUSA Alumni Make Their Mark

Pravin Mathur, who received his Master of Urban Spatial Analytics 2007, has found a professional niche in urban-applied advanced local government management. Upon graduation, he was hired by Richmond, Virginia, as the city's Cityworks GIS Asset Manager to oversee the Enterprise Asset Management (EAM) system for Richmond's physical infrastructure. He also works on special programs for citizen engagement, public policy and long-term development. Pravin's MUSA capstone project, Agent-Based Modeling of Urban Phenomena in GIS, examined the feasibility and utility of implementing Agent-Based Modeling and Simulation (ABMS) with GIS in order to simulate selected urban growth processes.

Photo: Pravin Mathur

PENN IUR FACULTY FELLOWS

Through the Penn IUR Faculty Fellows program, the Institute fosters an environment that encourages cross-disciplinary connections and nurtures a collaborative spirit among faculty from across the University. This program identifies faculty with a demonstrated interest in urban research and provides research and communication services. Currently, Penn IUR has attracted 73 Penn IUR Faculty Fellows from Annenberg, Arts and Sciences, Design, Education, Engineering, Law, Medicine, Nursing, Social Policy and Practice, Veterinary Medicine, and Wharton. Every year we inaugurate new Fellows based on their participation in Penn IUR programs and new urban-focused research.

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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 last seven years.

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Audience, Penn IUR Public Interest
Event, Academy of Natural Science
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American City magazine*

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Conservancy, 2008*

2011 Penn IUR Urban Leadership
Awardees: Raphael Bostic, Jane Golden,
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Brick houses, Chicago
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Marina Peterson, *Sound, Space, and the
City: Civic Performance in Downtown
Los Angeles* (Penn Press, 2010)

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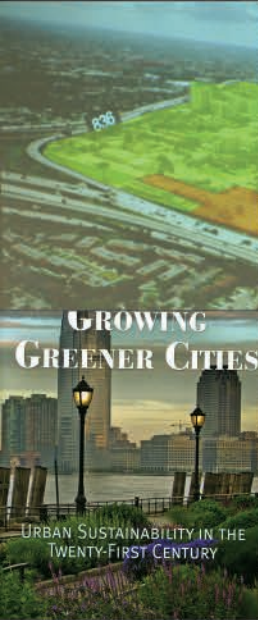
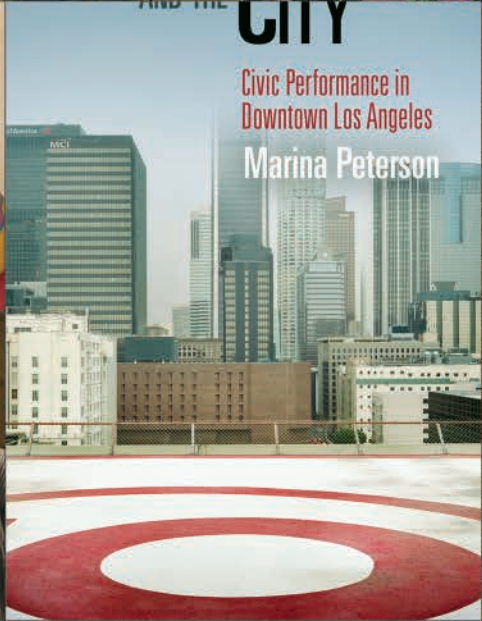
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Conference
presentation

Eugénie L. Birch and Susan
M. Wachter, Editors,
*Growing Greener Cities:
Urban Sustainability in the
Twenty-First Century*
(Penn Press, 2008)

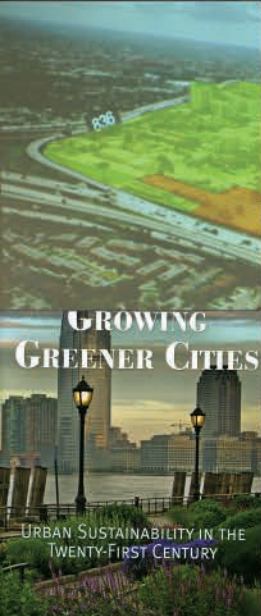
Anuradha Mathur speaking at
a Penn IUR Public Interest
Event, *The Permeable City:
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