

# Penn Institute for Urban Research 2011-2012 Annual Report





Informing the  
Sustainable  
21<sup>st</sup>-Century City



Fostering Innovative  
Urban Development  
Strategies



Illuminating the Role  
of Anchor Institutions  
in Urban Places

## A Message from Penn IUR's Advisory Board Chair



Egbert Perry

This past year, the importance of cities has grown even more evident in the world-wide quest to live more sustainably on the planet. In response, Penn IUR's focus on urban sustainability reached new levels, exploring issues of great importance to the Philadelphia, national, and international communities. With issues as complex as sustainable urbanism, forging partnerships with experts from academia and practice to address them has been the hallmark of Penn IUR's work.

In 2011-2012, Penn IUR continued to link scholarship to practice. Whether in the form of research, publications, gatherings, or instruction, Penn IUR has provided an invaluable service in making leading scholarship on a wide range of urban topics – from global urbanization to energy efficiency – accessible to practitioners and policymakers around the world.

Philadelphia's continued relationship with the Federal Reserve Bank of Philadelphia is a prime example. For the third time, Penn IUR partnered with the Bank on their semi-annual conference on reinventing older communities, centering this year's session on building economically resilient cities. Penn IUR invited the country's foremost academics to present their research in terms that were understandable to practitioners, policymakers, grant makers, and students.

Every year, Penn IUR celebrates exceptional achievement with its Urban Leadership Award. This year's awardees illustrated Penn IUR's understanding that innovation comes from diverse perspectives as this year's recipients represented the fields of policy making, civic leadership, community organizing, and public art.

This past year was an exciting time to be on the Penn IUR Advisory Board. I thank all of the board members, with their broad range of talent, expertise, and resources, for deepening their commitment in stride with the Institute's growing reach and impact. I also thank the many other organizations and individuals, beyond the Board, who supported the work of Penn IUR through financial and in-kind contributions.

A handwritten signature in black ink that reads "Egbert Perry". The signature is stylized with a long horizontal flourish underneath.

**Egbert Perry**

Chairman & CEO, The Integral Group, LLC

## A Message from the Provost and Senior Vice Provost for Research

Penn's Institute for Urban Research, for almost a decade, has reached across the university and the globe, providing invaluable new approaches and ideas. In that time, as this report attests, it has become an essential partner in Penn's central missions: integrating knowledge across disciplines, sharing the research of Penn's scholars with the world, and providing our scholars in training with unmatched research opportunities. Penn IUR brings together urban-focused scholarship across the university and, in so doing, creates expertise that is greater than the sum of its parts. In particular, it creates vital opportunities for new conversations and perspectives, in such forums for cross-disciplinary work as the Faculty Fellows group, Masters of Urban Spatial Analytics Program, and Undergraduate Urban Research Colloquium, to name only three.

Penn IUR fosters partnerships across the University community, through joint initiatives with Penn Nursing, Penn Design, the Center for Public Health Initiatives, the Department of Criminology, the Urban Studies Program, and many others. These collaborations advance cross-disciplinary scholarship at Penn, while also increasing access to Penn's resources for our regional, national, and international communities. Indeed, Penn IUR has become the center of a global community of urban innovators, sought out by partners that are local (such as the Philadelphia Redevelopment Authority), national (such as PJM, the nation's largest electrical grid wholesaler), and international (such as the World Bank).

We thank all the members of the Penn community who have engaged with Penn IUR over the last year. It is the enthusiastic participation of faculty, departments, centers, and students at every level that makes Penn IUR's offerings so valuable to so many people around the world.



Vincent Price



Steven Fluharty

Vincent Price

Provost

Steven Fluharty

Senior Vice Provost for Research

## A Message from Penn IUR's Co-Directors

The challenges of building sustainable, equitable urban communities are evolving, and Penn IUR is evolving to meet them – drawing on the strengths of our partners throughout the Penn community and beyond to catalyze scholarship on emerging urban topics. In 2011-2012, our research initiatives revolved around energy, global urbanization, and struggling older cities. In addition, Penn IUR is becoming a leader in the field of sustainability indicator development (crucial to the effective deployment of resources toward building sustainability) and knowledge transfer and sharing (essential to efficient practice of urban development). This research – which cuts across our three critical focus areas (informing the sustainable city, fostering innovative urban development strategies; and illuminating the role of anchor institutions in urban places) – draws on specific strengths in the University and Institute.

We paired our academic investigations into these timely topics with a commitment to their practical application and wide dissemination. To this end, we hosted a wide range of activities in 2011-2012 – diverse in kind and in content – allowing us to reach many audiences and provide information in a variety of forms that are usable to multiple people and organizations. It has been through these activities – conferences, roundtables, books, white papers, lectures, book talks, film screenings – that we have been able to expand our reach and our community.

Our practice of partnering within Penn and outside allows us to be responsive and adaptive in addressing critical urban issues of the day. In these partnerships we share resources and networks (in-print, in-person, online, and through social media) to bring new perspectives and depth to our work. Some of our partners at Penn are Penn Press, Urban Studies Program, Center for Global Women's Health, Netter Center for Community Partnerships, Institute for Environmental Studies, and the Center for Public Health Initiatives. Outside of Penn, partners include the Federal Reserve Bank of Philadelphia, Taiwan Institute of Economic Research, UN-HABITAT, World Bank, Partnership for Sustainable Communities, and others.

We are proud of what we've accomplished in the last year with the help of our partners, and look forward to continuing productive collaborations in the next year.

Eugénie L. Birch and Susan M. Wachter

Co-Directors, Penn Institute for Urban Research

# Informing the Sustainable 21<sup>st</sup>- Century City

**Penn IUR partnered with leading experts and institutions on the issues of smart energy, global urbanization, and sustainable urban development indicators – all essential elements in building sustainability in cities around the world, whether established, shrinking, or emerging. Penn IUR deepened its expertise in these areas through a diverse portfolio of activities ranging from translational research and policy analysis to expert convenings and information dissemination.**

**In the rapidly emerging field of smart energy, Penn IUR has created a space between research and practice, launching a series of projects that further smart energy's role in building sustainable regional economies worldwide, that facilitate the sharing of knowledge among stakeholders and across political boundaries, and that help bring innovations to a wider market.**

**Acting as a clearinghouse for information and a catalyst for action, Penn IUR continues to further knowledge and action on issues related to global urbanization, having co-hosted a stimulating invitation-only conference on linking urban research and action and publishing encyclopedia and journal articles on urbanization.**

**Having contributed to three sets of indicators in the past year – two with the U.S. Department of Housing and Urban Development and one with U.S. Geological Survey – Penn IUR is fast becoming a leading source of expertise on the development of sustainable urban development indicators.**

## **Guiding Discourse and Knowledge Exchange on Global Urbanization**

Penn IUR and the East-West Center (EWC) partnered to convene the September 26-28, 2011 “Changing Cities – Linking Global Knowledge to Local Action” seminar in Honolulu, Hawaii. The conference built on Penn IUR's ongoing Rockefeller Foundation-supported landscape study on how cities create and transfer knowledge for sustainable urban development and on EWC's strong relation-

ships with urban leaders in the Asia-Pacific region.

The invitation-only seminar brought together politicians, planners, academics, scientists, and civil society representatives from throughout the Asia-Pacific region and the United States to discuss the challenges of identifying, adapting, and implementing promising practices in sustainable urban development. Discussion – which was structured around five core topic areas (urban planning and competing land uses, transportation and energy, inclusive economic growth, urban water cycle and public health, and urban governance and management) – centered on the creation of more resilient and inclusive cities over the next century. In a series of spirited conversations, attendees examined the barriers to identifying, adapting, and implementing innovative policy options and the growing stock of globally recognized “best practices” in sustainable urban development. The diversity of perspectives present exemplifies Penn IUR's commitment to facilitating a multi-sectoral and cross-disciplinary approach to examining complex challenges such as urban food insecurity, the management of peri-urban development, and climate change. Participants included Syed Mustafa Kamal, former Mayor of Karachi, Pakistan (2005-10); Dr. Kalanithy Vairavamoorthy, Director of University of South Florida Patel School of Sustainability; Celine D'Cruz, Global Coordinator of Slum Dwellers International; and Marc Imhoff, NASA Terra Project scientist.

## **Disseminating Penn IUR's Global Urbanization Expertise**

Recognizing Penn IUR's role as an expert resource on issues of global urbanization, Institute Co-Directors Eugénie Birch and Susan Wachter were asked to join the World Economic Forum's (WEF) Future of Urban Development Initiative to help inform WEF on sustainability challenges for global cities, such as Tianjin, China. They also were asked to contribute encyclopedia articles to two internationally respected publications. Along with Penn IUR Project Manager for Global Initiatives, Alexander Keating, Dr. Birch and Dr. Wachter co-authored the “Urbanization” entry for M.E Sharpe Publishers' *Encyclopedia of Global*

*Social Issues*, as well as the “Urbanization (Europe)” entry in the *Berkshire Encyclopedia of Sustainability*. Both articles outline historical trends in regional and global urbanization, as well as future trajectories and their key implications for social, economic, and environmental sustainability around the world.

Dr. Birch and Dr. Wachter also co-authored the opening article in the April 1, 2012 inaugural volume of *The Journal of Gender & and Water* (wH2o), a free publication started by two recent Penn graduates and published by the Department of Earth and Environmental Sciences at the University of Pennsylvania. The article, entitled “The Urban Water Transition: Why We Must Address the New Reality of Urbanization, Women, Water, and Sanitation in Sustainable Development” was co-written with Dr. Afaf Meleis, Margaret Bond Simon Dean of Nursing at Penn’s School of Nursing, and highlights the critical challenges and opportunities that urbanization presents to the provision of adequate water and sanitation infrastructure throughout the developing world and to the quality of life of women and girls in particular.

Stemming from Penn IUR’s growing presence on issues of global urbanization, Dr. Birch was elected co-chair of UN-Habitat’s World Urban Campaign (WUC). WUC is a global coalition of public, private and civil society partners seeking to raise the urban agenda to a new level and is the UN’s platform on cities for sharing and learning on initiatives, actions and policies that are driving positive urban change. Penn IUR is contributing the Tools for Sustainable Development section of the WUC website, an outgrowth of Penn IUR and Dr. Birch’s work with doctoral students from Penn’s Department of City and Regional Planning. For more information, visit [www.unhabitat.org/wuc/](http://www.unhabitat.org/wuc/).

### Informing U.S. Urban Policy through Evaluation

Penn IUR signed a memorandum of understanding with U.S. Department of Housing and Urban Development (HUD) to establish sustainable urban development indicators that allow Partnership for Sustainable Communities (PSC) funding recipients to track their progress toward

sustainability. PSC – an interagency partnership between HUD, Department of Transportation (DOT), and Environmental Protection Agency (EPA) -- encourages a comprehensive approach to transportation, housing, and land use planning that results in safer, greener, and more livable communities. Municipalities and local governments that receive PSC funding must conduct performance measurement, which is where Penn IUR’s expertise in indicators and sustainability comes in. After reviewing 22 systems with 377 indicators measuring everything from social well-being to economic opportunity to environmental quality, the Penn IUR research team identified 145 suitable indicators. After reviewing literature on best practices as well as applying their own analytic framework, the team was able to provide concrete, quantitative measures for seemingly abstract “livability principles” such as providing more transportation choices, promoting affordable housing, enhancing economic competitiveness, supporting existing communities, and valuing neighborhoods.

HUD’s Office of Housing and Sustainable Communities chose Penn IUR, in partnership with Econsult, to review existing measures of neighborhood affordability in order to inform an improved measure HUD is currently developing. HUD’s “Housing and Transportation Affordability Index” (HTA Index), measures the combined cost of housing and transportation at the neighborhood level in metropolitan areas nationwide in order to more accurately gauge neighborhood affordability. The resulting measures of typical household transportation costs by neighborhood have many uses: for household decisions (such as when choosing where to live), for infrastructure planning and investment policy decisions (such as in the distribution of Low Income Housing Tax Credits (LIHTC)). An accurate measure of neighborhood affordability is essential to HUD’s goal of increasing affordability.

Further diversifying the Institute’s indicator expertise, Penn IUR, in partnership with the Wharton GIS Lab, developed a spatial hazard susceptibility indicator for the U.S. Geological Survey (USGS). The indicator, using a model of an earthquake in southern California, measures landscape inequality and assesses how different areas

would be affected. The analysis shows concentrations of extensive damage across the Los Angeles region, overlaid with socio-economic data. The study “A Landscape Scale Indicator of Regional Risk Concentration” focuses on the distribution of people below the poverty line in the MSA in different types of housing and their hazard susceptibility. It found high risk in census tracts with large numbers of residents of lower socioeconomic status living in multi-family housing and mobile homes. The study also found a net benefit to implementing local mitigation programs that target these high-risk census tracts and outlined the policy options to making housing safer, reducing insurance costs, and achieving a more equitable distribution of risk.

### Bringing Sustainable Indicators to a Global Audience

Penn IUR Co-Director Eugénie Birch co-authored with Amy Lynch, PhD candidate in City and Regional Planning, a chapter in The Worldwatch Institute’s *State of the World 2012: Moving Toward Sustainable Prosperity*. The book promoted discussion around the critical issues of sustainable and equitable prosperity at the Rio+20 United Nations conference in June 2012. The Birch and Lynch chapter, “Measuring U.S. Sustainable Urban Development” shares the lessons learned by the Penn IUR research team in developing indicators for HUD. The book places this work within a comprehensive frame that looks at cur-

Sustainable urban development strategies are being implemented around the country from multi-modal transportation to stormwater management.



rent trends in global economics and sustainability and provides actionable best-practice policies for addressing today's most urgent environmental, urban, and social challenges. Dr. Birch also presented the indicators to heads of foreign governments the Organisation for Economic Co-operation and Development's (OECD) annual meeting in June 2012.

### Facilitating Knowledge Transfer on Smart Energy

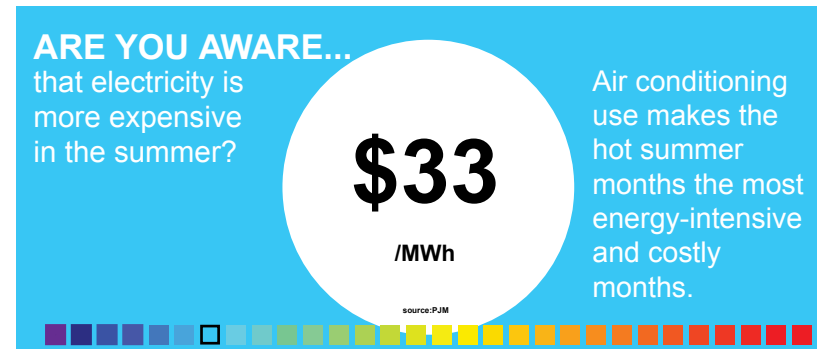
A signature of Penn IUR's work is the meshing of theory and practice to inform sustainable development. To this end, Penn IUR is in the process of constructing two Internet-based knowledge-sharing platforms devoted to energy: one global in focus, the other regional.

Penn IUR has developed the first platform for the Energy Smart Communities Initiative, which was created by the Asia Pacific Economic Cooperation (APEC) Energy

Working Group in November 2010. Penn IUR, in partnership with the Taiwan Institute of Economic Research, introduced the ESCI Knowledge Sharing Platform in March 2012. It centralizes research, best practices, and pioneering technologies from APEC economies on transport, buildings, grids, jobs, and low-carbon model towns. For more information, visit [www.esci-ksp.org](http://www.esci-ksp.org).

Penn IUR has created the second platform for the Energy Efficient Buildings Hub/Greater Philadelphia Innovation Hub (EEB Hub) headquartered in the Philadelphia Naval Yard and established by the U.S. Department of Energy in 2011. The EEB Hub's dual mission is to foster deep building retrofit technologies and promote regional economic growth and job creation. Penn IUR, with contributions from many EEB partners, launched the EEB Knowledge Sharing Platform in late summer 2012. It focuses on building stock inventories and characteristics, energy modeling, strategic retrofit manage-

Photo: Jeffrey M. Vinocur



Learn more about the real price of electricity <http://www.powerisknowledge.com/>

The Electricity Awareness Campaign includes an online price ticker that shows the real-time cost of electricity.

ment, and employment/education to provide essential information for market transformation that is legible to many building industry actors. For more information, visit [www.eebhub.org/bigpictures](http://www.eebhub.org/bigpictures).

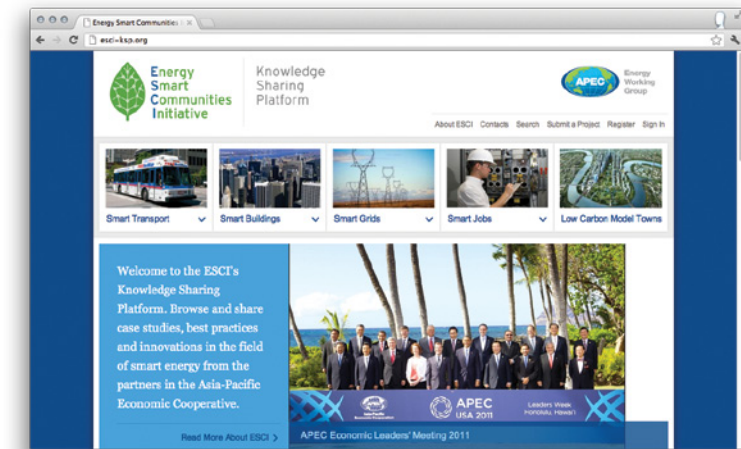
### Improving Consumer Knowledge on Electricity

Unlike the general public's awareness of the relationship between the price of a barrel of oil and the price of gasoline at the pump, few Americans understand how electricity is priced. Indeed, a Penn IUR survey on the university campus found that the Penn community is electricity-pricing "illiterate." These survey results catalyzed a partnership between Penn IUR and PJM Interconnection to launch an electricity literacy campaign and create a graphic application that displays the real-time, wholesale price of electricity. The *Electricity Price Ticker* is a web-based application that informs consumers of real-time wholesale electricity prices, updated every five minutes.

This project stems from Penn IUR's June 2011 expert roundtable entitled "America's Sustainable Future: How U.S. Cities Are Making Energy Work" which identified the need to promote better understanding of electricity as the nation's power industry takes on dramatic challenges: rising electricity demand, public resistance to building new generation plants, aging electricity infrastructure, regulations that require an increase in renewable energy in many states, and the emergence of smart grid technologies. Addressing these issues while maintaining reliability

and security will require the power industry to improve communication among every player in the power supply system, from generator to consumer. The Electricity Price Ticker will promote better consumer understanding of electricity, a crucial first step in improving communication. To view the ticker, visit [www.penniur.upenn.edu](http://www.penniur.upenn.edu).

The Energy Smart Communities Initiative's Knowledge Sharing Platform.



# Fostering Innovative Urban Development Strategies

By bringing together urban research and urban leaders and experts, Penn IUR informs innovative urban development strategies. This year, Penn IUR focused particularly on strengthening America's older industrial cities, playing a pivotal role in a conference on building economic resiliency in smaller cities that were historically manufacturing cities, and by contributing to two studies (for the Philadelphia Redevelopment Authority and the Pennsylvania Horticultural Society) that promote and inform the transformation of vacant land to productive uses, a common challenge in shrinking cities.

## Building Economically Resilient Cities

Penn IUR co-sponsored and helped organize the Philadelphia Federal Reserve Bank's biennial conference on issues facing older industrial cities. The conference, held May 9-11, 2012 in Philadelphia, explored ways to build resilient cities, focusing especially on smaller cities that were once manufacturing centers, a topic explored more deeply in the forthcoming book *Building Economically Resilient Cities*, co-edited by Penn IUR Co-Director Susan Wachter and Federal Reserve Bank Vice President and Community Development Officer Kimberly Zeuli and with contributions from 21 experts including Penn IUR Faculty Fellows Laura Perna and Mark Stern. The book highlights the latest thinking on the factors and strategies that make cities economically resilient, exploring how cities have rebuilt

their economies over the last several decades, focusing particularly on recent years. Chapters investigate the factors that predispose some cities for success, examine case studies of decline and renewal, and present policies and strategies that cities can use to build the resilience necessary to prosper in a changing economy. The findings of the book, and the themes that arose repeatedly during the conference, revolved around the role of transformative and in some cases disruptive leadership. Jeremy Nowak, chairman of the Federal Reserve Bank of Philadelphia's board, writes in the book's afterword, "the capacity for renewal lies in the cities themselves, through the strength of local innovation and leadership. While a city needs connections to the outside for sources of new ideas, energy, and resources, the capacity for renewal lies within its boundaries. Identifying a city's natural strengths, creating a climate in which its residents can thrive, and removing the obstacles to renewal, is required."

## Examining Opportunities for Urban Transformation

Philadelphia, with its strategic position in the northeast corridor and the challenges it faces as a shrinking city, serves as living laboratory for innovation in vacant land management. As cities lose population, vacant land increases, acting as a persistent drag on municipal tax rolls and an eyesore in urban neighborhoods. Philadelphia's population peaked at 2 million in 1950, but has since declined to 1.5 million (though the recent census shows





that the city is growing again); as a result, the city has a stock of almost 40,000 vacant properties, about 10,000 of which are controlled by city agencies. The Philadelphia Redevelopment Authority (PRA) is responsible for managing, repurposing, and ultimately selling these vacant, city-owned lots. Penn IUR is assisting in the deployment of advanced economic valuation tools to help build a process for the reuse of vacant and blighted land. Building on its recent studies, "Land Use and Policy Study" and "Vacant Land Management in Philadelphia, The Costs of the Current System and the Benefits of Reform," Penn IUR assisted in the development of an online "Front Door" for a transparent disposition and reuse strategy. The provision of an estimated value of every vacant property owned by the city is a key component of Front Door, which cata-

logues City-owned vacant parcels available for purchase.

Penn IUR also worked with the Pennsylvania Horticultural Society, a Philadelphia-based non-profit that transforms many of the city's vacant lots into clean and green lots in collaboration with neighborhood groups and citizens, to assess the value of their greening activities. Penn IUR's study, "Valuing the Conversion of Urban Greenspace," examines whether vacant land that is converted to green space is valued by local residents as measured by effects on nearby residential property values. Results, which build on past research demonstrating the positive effects of greening adjacent properties, suggest that larger urban areas can benefit greatly from the conversion of vacant land to maintained green space.



# Illuminating the Role of Anchor Institutions in Urban Places

**Penn IUR engages with anchor institutions and partner organizations in improving the role anchors play in their cities and neighborhoods. This year, Penn IUR convened leaders from Major League Baseball to consider the role their ballparks play in their communities and continued participation in the leadership of the National Anchor Institution Task Force.**

## **Defining What Makes a Winning Urban Anchor**

Inspired by Provost's Office Year of Games, the Penn IUR Roundtable on Anchor Institutions (PRAI), with the assistance of Penn IUR Faculty Fellow Kenneth Shropshire, convened leaders from Major League Baseball (MLB) teams for two days in December 2011 to examine the role ballparks play as centers of entertainment, sources of community pride, wealth-builders in local economies, and redevelopment catalysts. In public conversations and in closed-door sessions, team leaders and industry experts wrestled with the challenges and opportunities of functioning as important physical presences in their cities and as part of the economic lifeblood of their communities. The group discussed issues facing Philadelphia Phillies, Washington Nationals, Cleveland Indians, and the Miami Marlins.

Participants reflected on the changes they have seen in their neighborhoods since their ballparks were built and the role their ballparks had in making those changes. They considered the factors that can help catalyze development beyond the building site, considering facility design, programming on non-game days, and community outreach. Participants provided expertise that has enabled Penn IUR to generate new knowledge in the field of urban anchor institutions and in understanding how sports and entertainment venues shape urban places. The many issues explored by the roundtable – such as the

role of public transportation, design of facilities, role of a broader vision or plan, and leveraging public investment for greater economic and social benefit – has furthered the understanding of the roles and capabilities of urban anchor institutions.

## **Connecting National Anchor Expertise**

Penn IUR's Co-Directors Eugénie Birch and Susan 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. Through their ongoing participation on the Task Force's Steering Committee, Penn IUR continues to be a leading figure in the national dialogue on anchor institutions. 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.



Top: Cleveland Indians stadium, 1999. Photo: Paul M. Walsh  
Bottom: PRAI 2011 participants Edward Cohen, Principal Owner, Washington Nationals (left) and David Montgomery, General Owner, President and CEO, Philadelphia Phillies (right)

# Annual and Ongoing Activities

Penn IUR cultivates an ever-growing community of urbanists through signature annual programming that fosters and disseminates cutting-edge practices and research. These programs include Penn IUR's Annual Urban Leadership Forum, Public Interest Series, City in the 21st Century City book series with Penn Press, and a range of yearly activities for Penn students at all levels of study.

## Celebrating Urban Achievements

Penn IUR celebrated the work of three exemplary urban leaders at the eighth Annual Urban Leadership Forum, "Strong Communities and Cities, Sustainable Nations," on March 21, 2012. The Penn IUR *Urban Leadership Award* is awarded annually to leaders who have made outstanding contributions to urban scholarship and to building cities that successfully respond to the challenges of the twenty-first century.

This year, Penn IUR awarded the prize to **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 and CEO, Philadelphia's Center City District; and **Lily Yeh**, Global Artist and Founder, Barefoot Artists.

To view a video of the Forum and remarks from each awardee, visit <http://penniur.upenn.edu>.

## Convening Leading Experts and Scholars for the Penn Community and Beyond

Penn IUR sponsored or cosponsored 19 Public Interest Events in the 2011-2012 academic year. 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 including a special series on how Penn's theme year relates to the city (Year of Games) and the Penn IUR Urban Book Talk Series, which features the authors of new titles in Penn Press's City in the 21st Century series and beyond.

September 21, 2011

### Urban Book Talk: *The American Mortgage System: Crisis and Reform*

Cosponsors: Federal Reserve Bank of Philadelphia, Penn Press

Speakers: **Vincent Reinhart**, Chief United States Economist for Morgan Stanley (New York) and former Director of the Federal Reserve Board's Division of Monetary Affairs; **Ingrid Ellen**, Professor of Urban Planning and Public Policy at New York University's Wagner Graduate School of Public Service and Co-Director of the Furman Center for Real Estate and Urban Policy; and **Joseph Tracy**, Executive Vice President and Senior Advisor to the President at the Federal Reserve Bank of New York;

Penn IUR board member, Lawrence C. Nussdorf (left) and board chair, Egbert Perry (right)





**Ellen Seidman**, former Director, U.S. Treasury Department's Office of Thrift Supervision and Chair, Board of Directors, Center for Financial Services Innovation, will moderate the discussion.

October 4, 2011

**Urban Sustainability Initiatives: Challenges and Opportunities**

[see side bar, page 19]

October 12, 2011

**Sustainable Public Finance**

[see side bar, page 20]

October 18, 2011

**Urban Book Talk: Julian Brash, *Bloomberg's New York: Class and Governance in the Luxury City***

Cosponsor: Penn's Urban Studies program

Speakers: **Julian Brash**, Assistant Professor of Anthropology, Montclair State University; **Matthew Hill**, Civic Futures, LLC; **Ben Chesluk**, Clinical Research Associate American Board of Internal Medicine and author of *Money Jungle: Imagining Times Square*; **Steve McGovern**, Associate Professor of Political Science, Haverford College; **Corinne Packard**, Visiting Clinical Assistant Professor, NYU Shack Institute of Real Estate

October 18, 2011

**A View from Kees Christiaanse**

Cosponsor: Penn Design

Speaker: **Kees Christiaanse**, founding partner, KCAP Architects & Planners; Chair of Architecture and Urbanism, Institute for Urban Design, Swiss Federal Institute of Technology; Visiting professor, Cities Programme, London School of Economics

2012 Penn IUR Annual Leadership Awardees Paul Levy (top), Lily Yeh (bottom left), and Derek R.B. Douglas (bottom right).

## Urban Sustainability Initiatives: Challenges and Opportunities

**October 4, 2011**, National Building Museum, Washington D.C.

Cosponsored by Next American City, the Urban Institute, and the National Building Museum.

**Raphael Bostic**, Assistant Secretary for Policy Development and Research at the U.S. Department of Housing and Urban Development, led a panel discussion that included **Rolf Pendall**, Director, Metropolitan Housing and Communities Policy Center, Urban Institute; **Anita Hairston**, Senior Associate, PolicyLink; **Catherine Ross**, Harry West Professor of City and Regional Planning, Georgia Tech College of Architecture; and **Paul Brophy**, Senior Fellow, Metropolitan Policy Program, Brookings Institution. Penn IUR Co-Director Eugénie Birch moderated the discussion.

Bostic led the conversation by addressing which economic forces can shape sustainability. Technology is changing, he said, in such a way that we can be more innovative in using the legacy assets that we already have. Furthermore, he said, "history is accelerating": when technology evolves at a more rapid pace, cities have to tap into that evolution in order to be successful. In order to embrace that technology, though, cities have to have the right people in place there — people educated and ready to take up the mantle. "We talk a lot about place: Make the place work better, make the place coherent," Bostic said before a crowd of about 100. "We have to not forget that a lot of this is about people. We have to make sure that the people are able to do things that the place needs to have done." The responding panel picked out a few of Bostic's specific points for closer examination: the economic value of community, the need to work across silos to promote equity, and the role economic disparity plays in finding sustainable solutions.



## Sustainable Public finance

September 12, 2011, University of Pennsylvania

Cosponsored by the Fels Institute of Government.

**Robert Inman**, Richard King Mellon Professor of Finance and Economics at the Wharton School; **Olivia Mitchell**, International Foundation of Employee Benefits Plans Professor and Professor of Business and Public Policy as well as Insurance and Risk Management at the Wharton School; and **Jack Dorer**, Managing Director of Public Finance for Moody's Investors Service participated in a conversation moderated by Penn IUR Co-Director Susan Wachter. The discussion began with a brief presentation by each panelist.

Inman framed the evening's conversation by advocating for the necessity of government expenditures to fund those public goods that the market fails to provide including, for example, highways, national defense, and infrastructure for supporting information transfer. He reviewed the challenge of financing public goods: existing incentives do not support proper management of government debt, allowing governments to too easily access resources while postponing repayment and leaving the debt burden for future administrations. Dorer went on to explain credit ratings used to rate government debt. Mitchell, an expert on pensions, explained what this means for the retirement outlook of former government employees.



October 20, 2011

### Urban Book Talk: Christopher Klemek, *The Transatlantic Collapse of Urban Renewal*

Cosponsors: Penn's Department of History, Department of City and Regional Planning, and Urban Studies program

Speakers: **Christopher Klemek**, Assistant Professor of History, George Washington University, and co-founder of Poor Richard's Walking Tours; **Mark Stern**, Professor and Kenneth L.M. Pray Chair, School of Social Policy and Practice, University of Pennsylvania; **Domenic Vitiello**, Assistant Professor, Department of City and Regional Planning, University of Pennsylvania

October 24, 2011

### Urban Book Talk: George Galster, *Driving Detroit: The Quest for R-E-S-P-E-C-T in the Motor City*

Cosponsor: Penn's Urban Studies program

Speaker: **George C. Galster**, Clarence Hilberry Professor of Urban Affairs, Wayne State University

November 4, 2011

### The Taking of the Great White City and a Future for Havana

Cosponsors: Rutgers-Camden Community Leadership Center, Rutgers University's Department of Public Policy and Administration

Speaker: **Mario Coyula Cowley**, Rutgers-Camden Visiting Scholar, David Rockefeller Center for Latin American Studies

November 16, 2011

### Criminalizing the City

Cosponsor: Penn's Urban Studies program

Speaker: **Stephen Graham**, Professor of Cities and Society at the Global Urban Research Unit in Newcastle University's School of Architecture, Planning and Landscape

Afaf I. Meleis, Dean of the School of Nursing, at the January 24th *Women's Health and the World's Cities* book talk.

December 1, 2011

### The Impact of Games and Play on Health (Penn IUR Games and the City Seminar Series)

Cosponsors: Penn's Center for Public Health Initiatives, Penn's Center for Health Behavior Research, Provost's Office Year of Games

Speakers: **Paul Tarini**, Senior Program Officer, Pioneer Portfolio, Robert Wood Johnson Foundation; **Amy Hillier**, Assistant Professor, School of Design, University of Pennsylvania; **Bob Schultz**, Director of the Center for Autism Research (CAR), Children's Hospital of Philadelphia; and **Mary Summers**, Lecturer, Political Science/Health and Societies, School of Arts and Sciences, University of Pennsylvania

December 1, 2011

### Ballparks as Urban Anchors (Penn IUR Games and the City Seminar Series)

Cosponsors: Provost's Office Year of Games, Wharton Sports Business Initiative, Penn's Department of City and Regional Planning

Speakers: **Edward L. Cohen**, Principal Owner, Washington Nationals; **Manny Diaz**, former Mayor, Miami, Florida; **Paul Dolan**, Chair and CEO, Cleveland Indians; **David Montgomery**, President and CEO, Philadelphia Phillies; **Irwin P. Raij**, Partner, Foley & Lardner

January 24, 2012

### Urban Book Talk: *Women's Health and the World's Cities*

Cosponsors: Penn School of Nursing, Penn Press

Speakers: **Afaf I. Meleis**, Dean of the School of Nursing, University of Pennsylvania; **Jeane Ann Grisso**, Professor of Public Health, Department of Family Medicine and Community Health, Perelman School of Medicine, University of Pennsylvania; **Kat Rosqueta**, Founding Executive Director of the Center for High Impact Philanthropy at University of Pennsylvania; **Lynn Sommers**, Director, Penn's School of Nursing Center for Global Women's Health, and **Eugénie Birch**, Co-Director, Penn Institute for Urban Research

January 22, 2012

### Urban Book Talk: Scott Gabriel Knowles, *The Disaster Experts, Mastering Risk in Modern America*

Cosponsor: Penn Press

Speaker: **Scott Gabriel Knowles**, Associate Professor and Director of Great Works Symposium, Drexel University

February 27, 2012

### The Ward: Race and Class in Philadelphia's Seventh Ward (Penn IUR Games and the City Seminar Series)

Cosponsor: Penn's Center for Public Health Initiatives

Speaker: **Amy Hillier**, Assistant Professor, School of Design, University of Pennsylvania

February 27, 2012

### Enrique Peñalosa: Mobility, Quality of Life and Equity in Urban Environments

Cosponsor: Penn Design

Speaker: **Enrique Peñalosa**, former Mayor of Bogotá, Colombia

February 29, 2012

### Urban Book Talk: Michael Katz, *Why Don't American Cities Burn*

Cosponsors: Penn's Department of History, Penn Press

Speakers: **Michael Katz**, Walter H. Annenberg Professor of History, University of Pennsylvania; **Thomas Sugrue**, David Boies Professor of History and Sociology, University of Pennsylvania; **Walter Licht**, Walter H. Annenberg Professor of History, University of Pennsylvania; and **Jeremy Nowak**, President, William Penn Foundation

April 12, 2012

### Urbanized: Screening and Conversation with Director Gary Hustwit

Cosponsors: PennDesign, Penn's Cinema Studies and Urban Studies programs

Speakers: **Gary Hustwit**, Director; **James Corner**, Chair-

man of the Department of Landscape Architecture, PennDesign and Principal of James Corner Field Operations; **Ricky Burdett**, Professor of Urban Studies, London School of Economics and Political Science (LSE) and Director, LSE Cities and the Urban Age Programme

April 13, 2012

**Urban Book Talk: Robert Sampson, *Great American City: Chicago and the Enduring Neighborhood Effect***

Cosponsor: Penn's Department of Criminology

Speaker: **Robert Sampson**, Henry Ford II Professor of the Social Sciences and Director of the Social Sciences Program at Harvard's Radcliffe Institute for Advanced Study

April 18, 2012

**Urban Book Talk: Richard Gelles, *The Third Lie: Why Government Programs Don't Work***

Speakers: **Richard J. Gelles**, Dean and Joanne and Raymond Welsh Chair of Child Welfare and Family, School of Social Policy and Practice, University of Pennsylvania; **David Thornburgh**, Executive Director, Fels Institute of Government, University of Pennsylvania; and **Laura Wolf-Powers**, Assistant Professor of City & Regional Planning, School of Design, University of Pennsylvania

**Publishing New 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 covers, in its twenty published titles, 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 – and draws on seasoned professionals, from big-city mayors like Miami's Manny Diaz to respected police chiefs like John Timoney. The series represents a cross-section of scholarship and experience that creates a comprehensive portrait of the city in the 21st century.

**The following five publications were released in the 2011-2012 academic year:**

Michael Katz, Walter H. Annenberg Professor of History at Penn, *Why Don't American Cities Burn?* Katz examines the effects on cities of a rightward swing in social politics in late twentieth- and early twenty-first century America, considering why American cities are comparatively free of collective violence.

Scott Gabriel Knowles, Associate Professor of History at Drexel University, *The Disaster Experts: Mastering Risk in Modern America*. Knowles tackles the topic of disaster preparedness in America and, specifically, a controversial shift from planning for a variety of hazards to planning for a single hazard: terrorism.

Gary W. McDonogh, Professor of Anthropology at Bryn Mawr College, and Marina Peterson, Assistant Professor of Performance Studies at Ohio University, *Global Downtowns*. McDonogh and Peterson demonstrate the importance of urban centrality through case studies of diverse downtowns from around the world.

Brent D. Ryan, Linde Career Development Assistant Professor of Urban Design and Public Policy at MIT, *Design After Decline: How America Rebuilds Shrinking Cities*. Ryan examines the recent history of America's industrial

cities, focusing on Detroit and Philadelphia, to explore differing approaches to urban design solutions after decline.

Susan M. Wachter, Richard B. Worley Professor of Financial Management and Professor of Real Estate and Finance at The Wharton School of the University of Pennsylvania and Professor of City and Regional Planning at PennDesign, and Marvin M. Smith, Community Development Research Advisor at the Federal Reserve Bank of Philadelphia, *The American Mortgage System: Crisis and Reform*. Wachter and Smith's book examines key elements of the mortgage meltdown, offers solutions to the problems facing the future of American home ownership.

These recent releases join fifteen previously published volumes in the series. For more information visit [www.upenn.edu/pennpress/series/C21.html](http://www.upenn.edu/pennpress/series/C21.html)

In addition to the C21 series, Penn IUR collaborates with other scholars and publishers on special projects. *Managing Urban Disaster Recovery, Policy, Planning, Concepts and Cases* (2012) by Blakely, Birch, Anglin, Hayashi is a text, reference and guide on how to manage urban post disaster recoveries in urban settings anywhere in the world based on the actual field experiences of the authors and contributors. Eugénie Birch authored "Reviving the Art of Biography: The Emblematic Life of Martin

President Amy Gutmann meets with UURC student Ian MacLean to discuss his work on Penn IUR's Electricity Awareness Campaign.

Meyerson" in the August 2011 special issue of *Journal of Planning History* on Martin Meyerson, University of Pennsylvania President 1970 – 1981.

**Connecting Penn's Future and Established Scholars**

Every spring, Penn IUR, in partnership with the Urban Studies department, sponsors the Penn IUR Undergraduate Urban Research Colloquium (UURC), an advanced research seminar for undergraduates working together with Penn faculty on urban-focused research. Students team up with a faculty mentor with expertise in their area of interest, sometimes developing UURC projects that directly contribute to faculty research projects and publications.

The research projects range from the local to the global and cover a diversity of fields from engineering to nursing. The research methods this year included spatial analytics, case study research, and archival research. Faculty-student teams included Eric Schneider (faculty, SAS) with Julian Smyth and Samantha Napierkowski (students, SAS): "American Necropolis: Homicide in the Modern City;" Domenic Vitiello (faculty, SOD) with Katie Oberwager, (student, SAS): "Latin American Immigrant Urban Agriculture;" Matthew McHugh (faculty, Nursing) and Julie Berez (student, SAS): "Variation in Quality of Nursing in Urban Hospitals;" Eugénie Birch (faculty, SOD) and Ian MacLean (student, SAS): "Green Building and Energy Efficiency with the PJM Widget;" Kathleen Hall (faculty, GSE) and Bailey Brown (student, SAS): "Spatial Organization of Charter Schools in Philadelphia and Educational Access;" Jonathan Barnett (faculty, SOD) and Claire Shimberg (student, SAS): "District Level Energy Efficiency and Energy Consumption Monitoring;" Saswati Sarkar (faculty, SEAS) and Ram Narayan, (student, SAS): "Smart Grids, Micro Grids, and Energy Efficiency;" Barbra Mann Wall (faculty, Nursing) and Lauren Johnson (Nursing): "The History of Medicalized Childbirth in Sub-Saharan Africa."

James Corner and Marilyn Taylor, Dean of the School of Design, at the April 12th *Urbanized* screening.



### Supporting Penn's Urban Spatial Analytics Instruction

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. 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 a student advisor. Birch and Wachter, as Co-Directors of Penn IUR, chair the Academic Committee.

While many universities offer GIS certificates in geography that are predominantly environmentally focused, or city planning programs with heavy a GIS workload, no university has a program like MUSA. MUSA's uniqueness lies in its blend of GIS-based applications with urban-related disciplinary interests including public health, criminology, transportation, economic development, education, and real estate.

In 2011-2012 academic year, six graduating students and fourteen continuing part-time students applied GIS to a variety of urban topics. Capstone projects for the 2012 graduating class included: "The Health Impact of Pennsylvania's Clean Indoor Air Act Bar Exemptions," Maya Gutierrez; "Are Urban Postal Closure Initiatives Equitable? A Geographic Analysis of the Retail Access Optimization Initiative," Evan Kalish; "A Healthy Restaurant for Healthy Lifestyles: Site Selection in Philadelphia," Pia King; "GIS online tool for travel routing analysis," Chen Li; "Demographics and Land Use in Proximity to Transit Stations in Southeastern Pennsylvania," Daniel McGlone; and "Green Housing in Austin, Texas: A Site Selection Analysis," Erin Quinn.

Over the course of the academic year, Penn IUR hosted a lecture series that brought leading practitioners in the field of urban spatial analysis to campus to interact with MUSA students on how the skills they learn at Penn help to inform urban spatial solutions. Speakers came from the Philadelphia Redevelopment Authority, U.S. Forest Service Philadelphia Urban Field Station, the Center

for Geographic Analysis at Harvard University, National Aeronautics and Space Administration (NASA), and the U.S. Environmental Protection Agency (EPA).

### Showcasing Penn's Urban-Focused Doctoral Students

During the spring semester, Penn IUR sponsors two events that create opportunities for doctoral candidates to share their research: the Penn IUR Urban Doctoral Poster Session and the Urban Doctoral Symposium. The first annual Penn IUR Urban Doctoral Poster Session was held February 6, 2012. Five doctoral candidates, representing five different schools, gathered to showcase their working research to fellow urban scholars. Stephen Anderson, from the School of Design, presented on "The Roles of Architecture in the Structure of Urbanity." Carolyn Chernoff, from the School of Arts and Sciences and the Graduate School of Education, presented on "Experiencing Diverse Cities: Community Based Arts, Social Interaction, and Progressive Politics." Kristen Kinzer, from the School of Design, presented on "The Role of Public Participation in the Implementation of Local Government Sustainability Plans: A Mixed Methods Study." Two students – Shahana Chattaraj and Anne Mitchell – presented

Shahana Chattaraj presents her doctoral research at the Penn IUR Urban Doctoral Poster Session.



their working research at the February poster session and returned in May to present and discuss their completed dissertations at the May 11, 2012 Urban Doctoral Symposium, co-sponsored by Penn IUR and Penn Urban Studies. Chattaraj, a post-doctoral researcher in Global Cities at the Lauder Institute within The Wharton School, compared urban restructuring in the context of globalization in Mumbai and Shanghai in her dissertation "Shanghai Dreams: Urban Restructuring in Globalizing Mumbai." Mitchell, from the School of Nursing, furthered collaborative research between the health and planning fields in her dissertation entitled "The Relationship of Self-Reported Health Status and Perceived Neighborhood Built Environment with the Amount of Self-Reported Walking among Urban Community Dwelling Older Adults," which built on data she gathered from 140 older adults throughout Philadelphia.

At the Symposium, Chattaraj and Mitchell were joined by Erika Kitzmiller, Nancy Peter, and Timothy Weaver in presenting their findings. Kitzmiller, from the School of

Arts and Sciences and Graduate School of Education, presented on "The Roots of Educational Inequality: Germantown High School 1907-2011." Her dissertation examined the political, economic, and social factors that have led to the transformation of Germantown High School and its urban community throughout the twentieth century. The current Director of The Out-of-School Time Resource Center (OSTRC) at Penn, Nancy Peter, from the Graduate School of Education, presented on "Peer Networking as Professional Development for Out-of-School Time Staff." She offered multiple suggestions for understanding, designing, replicating, and evaluating peer networking meetings for OST staff. From the School of Arts and Sciences, Timothy Weaver presented on "Neoliberalism in the Trenches: Urban Politics and Policy in the United States and Britain, 1976-2000," a consideration of the impact of neoliberal turn of the late twentieth century upon national urban policy and urban political development in the United States and Britain.

Penn IUR Faculty Fellow, Mark Stern (left) moderates the Penn Urban Doctoral Symposium. Presenting doctoral students from left to right: Shahana Chattaraj, Erika Kitzmiller, Anne Mitchell, Nancy Peter, and Timothy Weaver.



# Penn IUR Faculty Fellows

Through the Penn IUR Faculty Fellows program and the Faculty Fellow Executive Council, 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's Faculty Fellows include more than 80 faculty from Annenberg, Arts and Sciences, Design, Education, Engineering, Law, Medicine, Nursing, Social Policy and Practice, Veterinary Medicine, and Wharton.

## Penn IUR Faculty Fellow Executive Council

The Penn IUR Faculty Fellow Executive Council meets with Penn IUR co-directors and consultative boards twice a year to provide feedback on the Institute's programs from an interdisciplinary viewpoint. Following are brief biographies for each council member and select urban-related publications.

### Charles Branas

*Professor of Epidemiology, Director of Cartographic Modeling Laboratory, Perelman School of Medicine*

Charles Branas works to improve health and healthcare and is recognized for his efforts to reduce violence and

enhance emergency care. Much of his work incorporates human geography and spatial interactions. His studies have taken him to various places including the neighborhoods of Philadelphia, rural counties across the United States, and cities and small towns in Guatemala and other countries. Branas has served on several boards and scientific review panels at the National Institutes of Health, the Centers for Disease Control, the Canadian National Research Council, the South African Medical Research Council, and is a Past President of the Society for Advancement of Violence and Injury Research.

Branas C.C., R.A. Cheney, J.M. MacDonald, V.W. Tam, T.D. Jackson, T.R. Ten Have. 2011. A difference-in-differences analysis of health, safety, and greening vacant urban space. *American Journal of Epidemiology* 174: 1-11.

Branas C.C., M.L. Nance, M.R. Elliott, T.S. Richmond, C.W. Schwab. 2004. Urban-rural shifts in intentional firearm death: different causes, same results. *American Journal of Public Health* 94(10): 1750-1755.

### David Brownlee

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

David Brownlee is a historian of modern architecture whose interests embrace a wide range of subjects in Europe and America, from the late eighteenth century to

the present. He has won numerous fellowships, and his work has earned three major publication prizes from the Society of Architectural Historians. He is a recipient of the University of Pennsylvania's Lindback Award for Distinguished Teaching.

Brownlee, David. 2007. "Building the City Beautiful: Jacques Gréber in Philadelphia/O Movimento City Beautiful: Jacques Gréber em Filadélfia," in *Jacques Gréber: Urbanista e Arquitecto de Jardins/Urbanist and Garden Designer*, eds. Teresa Andresen, Fernandes de Sá, João Almeida. Porto: Fundação de Serralves.

Brownlee, David. "Boom-Again," in *Boom: New Architecture in Philadelphia*. Philadelphia: Department of Architecture, University of Pennsylvania.

Brownlee, David, David De Long, and Kathryn Hiesinger. 2001. *Out of the Ordinary: Robert Venturi, Denise Scott Brown and Associates: Architecture, Urbanism, Design*. New Haven: Yale University Press.

### Carolyn Cannuscio

*Assistant Professor of Family Medicine and Community Health, Perelman School of Medicine*

Carolyn Cannuscio is a social epidemiologist with substantial experience studying aging, chronic disease, and health disparities. Her current work concentrates in two areas: the material and social causes of later-life health disparities, and the preventable causes of urban health disparities. She serves as a core faculty member of Penn's Center for Public Health Initiatives, a university-wide center that promotes interdisciplinary research, education, and practice in public health.

Hillier, A., A. Karpyn, C.C. Cannuscio, J. McLaughlin, S. Krasny and M. Chilton. 2012. The impact of WIC food package changes on access to healthful foods in two low-income urban neighborhoods. *Journal of Nutrition Education and Behavior* 44(3): 210-6.

Cannuscio, Carolyn. 2010. A perfect place to die, revisited. *JAMA-Journal of the American Medical Association* 304(22): 2452-2453.

### Dennis Culhane

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

Dennis Culhane's primary area of research is homelessness and assisted housing policy. His research has contributed to efforts to address the housing and support needs of people experiencing housing emergencies and long-term homelessness. Culhane's recent research includes studies of vulnerable youth and young adults, including those transitioning from foster care, juvenile justice, and residential treatment services.

Culhane, Dennis, with Thomas Byrne, Stephen Metraux, Manuel Moreno, Halil Toros, and Max Stevens. 2012. Los Angeles County's Enterprise Linkages Project: An example of the use of integrated data systems in making data-driven policy and program decisions. *California Journal of Politics and Policy* 4.2 (2012): 95-112.

Alvaro Cortes, Josh Leopold, Louise Rothschild, Larry Buron, Jill Khadduri, and Dennis P. Culhane. 2011. *The 2010 Annual Homeless Assessment Report to Congress*.

### John Dilulio

*Frederic Fox Leadership Professor of Politics, Religion and Civil Sociology, School of Arts and Sciences*

John Dilulio directs Penn's Robert A. Fox Leadership Program (Fox) and Program for Research on Religion and Urban Civil Society (PRRUCS). He previously worked at the Brookings Institute, where he was the C. Douglas Dilion Nonresident Senior Fellow in Governance Studies and directed the Brookings Center for Public Management. He has also advised presidential candidates in both parties and served as first director of the White House Office of Faith-Based and Community Initiatives, as well as serving on several bipartisan government reform bodies.

Dilulio, John and James Q. Wilson. 2008. *American Government: Institutions and Policies, 11th edition*. Boston: Houghton Mifflin.



### **Ira Harkavy**

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

Ira Harkavy is a historian with extensive experience building university-community-school partnerships. Harkavy has helped to develop service-learning courses, as well as participatory action research projects that involve creating university-assisted community schools in Penn's local community of West Philadelphia.

Harkavy, Ira and Francis E. Johnson. 2009. *The Obesity Culture: Strategies for Change. Public Health and University-Community Partnerships* London: Smith-Gordon.

Harkavy, Ira. and Josef Huber. 2007. *Higher Education and Democratic Culture: Citizenship, Human Rights and Civic Responsibility*. Council of Europe Publishing.

Harkavy, Ira, Lee Benson, and John Puckett. 2007. *Dewey's Dream: Universities and Democracies in an Age of Education Reform*. Philadelphia: Temple University Press.

### **Renata Holod**

*College for Women Class of 1963 Term Professor in the Humanities and History of Art, Curator of Near East Section at Museum of Archaeology and Anthropology, School of Arts and Sciences*

Renata Holod has served as Convenor, Steering Committee Member, and Master Jury Chair of the Aga Khan Award for Architecture. She also served as consultant to Skidmore, Owings and Merrill (SOM), Arthur Ericson Architects, and Venturi Scott-Brown Architects. She has done archaeological and architectural fieldwork in Syria, Iran, Morocco, Central Asia and Turkey, and completed an archaeological/ethno-historical survey on the island of Jerba, Tunisia. In 2004, the Islamic Environmental Research Centre honored her with an Award for outstanding work in Islamic Architectural Studies.

Jayyusi, Salma K, Renata Holod, Attilio Petruccioli and André Raymond, eds. 2008. *The City in the Islamic World*. Leiden, The Netherlands: Brill.

Holod, Renata, Ahmet Evin, Suha Özkan. 2005. *Modern Turkish Architecture*. Ankara: Chamber of Architects of Turkey.

### **John Jackson**

*Richard Perry University Professor of Communications, Annenberg School for Communications; Professor of Anthropology, School of Arts and Sciences*

Jackson's research interests include ethnographic methods in media analysis, impact of mass media on urban life, media-making as a form of community-building and proselytizing among religious organizations, globalization and the remaking of ethnic/racial diasporas, visual studies and theories of reality, and racialization and media technology. A current research project focuses on the transatlantic flow of practitioners, religious beliefs, and cultural practices of Black Hebrew Israelites in New York City, Washington D.C., and Dimona (Israel).

Jackson, John. 2008. *Racial Paranoia: The Unintended Consequences of Political Correctness*. New York: Basic.

Jackson, John. 2006. "Gentrification, Globalization, and Georaciality," in *Globalization and Race: Transformations in the Cultural Production of Blackness*, eds., Kamari Clarke and Deborah A. Thomas. Durham, NC: Duke University Press.

### **Michael Katz**

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

Michael Katz's work focuses on three major areas: the history of American education; the history of urban social structure and family organization; and the history of social welfare and poverty. He is a past-president of the History of Education Society and president-elect of the Urban History Association.

Katz, Michael B. 2011. *Why Don't American Cities Burn?* Philadelphia: University of Pennsylvania Press.

Katz, Michael B. and Mark J. Stern. 2006. *One Nation Divisible: What America Was and What It Is Becoming*. New York: Russell Sage Foundation.

### **Alan Kelly**

*The Gilbert S. Kahn Dean Emeritus, School of Veterinary Medicine*

Alan Kelly's research interests include food security in a globalizing world. He received his BSc from University of Reading, England, a BVSc from of Bristol, England and a PhD from the University of Pennsylvania.

Smith, G. and A. Kelly, eds. 2008. *Food Security in a Global Economy, Veterinary Medicine and Public Health*. Philadelphia: University of Pennsylvania Press.

### **Shiriki Kumanyika**

*Professor of Epidemiology, Perelman School of Medicine*

Shiriki Kumanyika's research focuses on identifying effective strategies to reduce nutrition-related chronic disease risks. Many of her studies have evaluated interventions to promote healthy eating and physical activity among African American children and adults in clinical or community-based settings. She was the founding director of Penn's Master of Public Health program, serving in this role from the program's inception in 2002 until May of 2007.

Klesges, Robert C., Eva Obarzanek, Shiriki Kumanyika, David M. Murray, Lisa M. Klesges, et. al. 2010. The Memphis Girls' health Enrichment Multi-site Studies (GEMS): An evaluation of the efficacy of a 2-year obesity prevention program in African American girls. *Archives of pediatrics & adolescent medicine* 164(11): 1007-14.

Kumanyika, S.K. 2008. Environmental influences on childhood obesity: Ethnic and cultural influences in context. *Physiology & Behavior* 94(1): 61-70.

### **John Landis**

*Crossways Professor of City and Regional Planning, School of Design*

John Landis's research interests span a variety of urban development topics; his recent research and publications focus on growth management, infill housing, and the geography of urban employment centers. Together with several generations of PhD students, Landis developed the California Urban Futures series of urban growth models. He is currently engaged in a National Science Foundation-funded project to model, forecast, and develop alternative spatial scenarios of U.S. population and employment patterns and their impacts on travel demand, habitat loss, and water use through 2050. He teaches courses in housing, urban economics, GIS, project development, and sustainable urban development.

Landis, John D., Heather Hood, Guangyu Li, Thomas Rogers, and Charles Warren. 2006. The Future of Infill Housing in California: Opportunities, Potential, and Feasibility. *Housing Policy Debate* 17(4): 681-726.

Landis John D., Michael Larice, Deva Dawson, and Lan Deng. 2001. *Pay to Play: Residential Development Fees in California Cities and Counties, 1999*. Sacramento: California Department of Housing and Community Development.

### **Lynn Hollen Lees**

*Professor of History, School of Arts and Sciences*

Lynn Hollen Lees' research centers on European cities, their social organization, and their welfare institutions. She is currently studying British sugar and rubber plantations in Malaya in an effort to understand the growth of a colonial society in southeast Asia.

Crossley, Pamela K., Lynn Hollen Lees, John W. Servos. 2007. *Global Society: The World Since 1900*. Boston: Houghton Mifflin (first edition 2003).

Lees, Lynn Hollen and Andrew Lees. 2007. *Cities and the Making of Modern Europe, 1750-1914*. New York: Cambridge University Press.

### **Janice Fanning Madden**

*Robert C. Daniels Foundation Term Professor of Urban Studies, Regional Science, Sociology and Real Estate, Wharton School*

Janice Fanning Madden's research centers on urban and regional economics and labor market analysis. She focuses on the influence of demographics and/or spatial structure on the workings of the labor market, concentrating on the study of discrimination and of spatial immobility in the labor market. Her research covers the influence of discrimination and of government policies to eliminate discrimination on labor market outcomes; the extent and effects of spatial immobility in local labor markets; and differences in growth in income and earnings inequality in American cities.

Madden, Janice Fanning. 2003. The Changing Spatial Concentration of Income and Poverty among Suburbs of Large U.S. Metropolitan Areas. *Urban Studies* 40(3): 481-503.

Madden, Janice Fanning. 2000. *Changes in Income Inequality within U.S. Metropolitan Areas*. Kalamazoo, MI: Upjohn Institute for Employment Research.

### **Rebecca Maynard**

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

Rebecca Maynard is a leading expert in the design and conduct of randomized controlled trials in the areas of education and social policy. She has conducted influential methodological research demonstrating empirically the limitations of quasi-experimental research designs. She is currently principal investigator for a study of distributed leadership training and professional support, a study of the 21st Century Skills Project, and a demonstration of innovative strategies to promote self-sufficiency among low-income adults.

Maynard, R., and S. Hoffman, eds. 2008. *The costs of adolescent childbearing. Kids Having Kids: Economic Costs*

*and Social Consequences of Teen Pregnancy*. Washington, D.C.: Urban Institute Press.

### **Janet Rothenberg Pack**

*Professor of Business and Public Policy, Wharton School*

Janet Pack's research interests lie in urban and regional economic development, fiscal federalism and intergovernmental relations, political economy of economic policy, and privatization. Professor Pack has held previous appointments at Yale University, Southern Connecticut State College, and The New School for Social Research. She has also held visiting appointments at the Brookings Institution, European Institute for Public Administration, and the Hebrew University, among others.

Pack, Janet Rothenberg and Michael Stoll. 2001. "Can Boosting Minority Car-Ownership Rates Narrow Inter-Racial Employment Gaps?," in *The Brookings-Wharton Papers on Urban Economic Affairs*, Volume 2. William G. Gale and Janet Rothenberg Pack, eds. Washington, D.C.: The Brookings Institution.

Pack, Janet Rothenberg and Michael Stoll. 2004. "The Effect of Prison Releases on Regional Crime Rates," in *The Brookings-Wharton Papers on Urban Economic Affairs*, Volume 5. William G. Gale and Janet Rothenberg Pack, eds. Washington, D.C.: The Brookings Institution.

### **Laura Perna**

*Professor of Education, Graduate School of Education*

Laura Perna's scholarship draws on multiple theoretical perspectives and a variety of analytical techniques to understand the ways that individual characteristics, social structures, and public policies separately and together enable and restrict the ability of women, racial/ethnic minorities, and individuals of lower socioeconomic status to obtain the economic, social, and political opportunities that are associated with two aspects of higher education: access as a student and employment as a faculty member. She recently edited a forthcoming volume in Penn IUR's

City in the 21st Century series on education in metropolitan America.

Perna, Laura, ed. 2012. *Preparing Today's Students for Tomorrow's Jobs in Metropolitan America*. Philadelphia: Penn Press.

Perna, L.W., and S.L. Thomas. In press. "Theoretical perspectives on student success: Understanding the contributions of the disciplines," in *ASHE-Higher Education Reader Report*. San Francisco: Jossey-Bass.

Perna, L.W. 2010. *Understanding the working college student: New research and its implications for policy and practice*. Sterling, VA: Stylus Publishing.

### **Tony Smith**

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

Tony Smith's primary area of research is in the theory and application of probabilistic models to spatial interaction behavior. Specific interests focus on structural analysis and axiomatic foundations of such models. Related areas of interest are in probabilistic theories of choice behavior, spatial statistical analysis and GIS. Smith's research also covers transportation and land use modeling, with a specific focus on network equilibrium models of traffic flows and general equilibrium models of urban land use.

Hillier, A., B.L. Cole, T.E. Smith, A.K. Yancey, J.D. Williams. 2009. Clustering of unhealthy outdoor advertisements around child-serving institutions: A comparison of three cities. *Health and Place* 15(4):935-45.

Mori, T., T.E. Smith. 2009. A reconsideration of the NAS rule from an industrial agglomeration perspective. *Brookings-Wharton Papers on Urban Affairs*. Washington, D.C.: Brookings Institutions Press.

### **Mark Stern**

*Kenneth L.M. Pray Chair and Professor of Urban Studies, School of Social Policy and Practice*

Mark Stern's research focuses on U.S. social history and

the social impact of the arts. Stern's work has documented the role of community cultural providers in improving the quality of life in urban neighborhoods.

Stern, Mark and Michael Katz. 2006. *One Nation Divisible: What American Was and What It Is Becoming*. New York: Russell Sage Foundation Press.

Stern, Mark. 2004. *Social Welfare: A History of America's Response to Need*, Sixth edition. New York: Allyn and Bacon.

### **Eric Schneider**

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

Eric Schneider is an urban historian, interested in the relationship between individuals and the city they inhabit. Schneider's work revolves around the interactions between people and their social, economic and political environments. His current research focuses on the history of homicide in Philadelphia.

Schneider, Eric. 2008. *Smack, Heroin and the American City*. Philadelphia: University of Pennsylvania Press.

Schneider, Eric. 2001. *Vampires, Dragons, and Egyptian Kings: Youth Gangs in Postwar New York*. Princeton: Princeton University Press.

### **Thomas J. Sugrue**

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

Thomas Sugrue was recently chosen to lead Penn's new Social Science and Policy Forum, a cross-University hub for research on social, economic, legal, and policy challenges. His first book, *The Origins of the Urban Crisis: Race and Inequality in Postwar Detroit* (1996), won the Bancroft Prize in American History, among other awards. He has served as an expert witness in the voting rights case, U.S. v. City of Euclid, Ohio. Sugrue's scholarship was also cited by Justice Stephen Breyer in the dis-

senting opinion in *Parents Involved in Community Schools v. Seattle School District No. 1*.

Sugrue, Thomas. 2010. *Not Even Past: Barack Obama and the Burden of Race*. Princeton: Princeton University Press.

Sugrue, Thomas. 2008. *Sweet Land of Liberty: The Forgotten Struggle for Civil Rights in the North*. New York: Random House.

Sugrue, Thomas. 1996. *The Origins of the Urban Crisis: Race and Inequality in Postwar Detroit*. Princeton: Princeton University Press.

#### **Dana Tomlin**

*Professor of Landscape Architecture, School of Design*

Dana Tomlin's teaching and research focus on the development and application of geographic information systems (GIS). He is Founder and Co-Director of Penn's Cartographic Modeling Laboratory, author of *GIS and Cartographic Modeling*, originator of Map Algebra, and a member of the GIS Hall of Fame.

Tomlin, C.D. 2007. *Prescriptive Mapping, In Models as Generative Processes*, Princeton: Princeton Architectural Press.

Tomlin, C.D. 2006. *Cartographic Modeling in Encyclopedia of Geographic Information Science*. Thousand Oaks: Sage.

#### **Penn IUR Faculty Fellows**

**Linda Aiken**, Claire M. Fagin Leadership Professor in Nursing, Professor of Sociology, Director of the Center for Health Outcomes and Policy Research, School of Nursing

**Jonathan Barnett**, Professor of Practice, City and Regional Planning, Director of Urban Design Program, School of Design

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

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## About Penn IUR

The Penn Institute for Urban Research (Penn IUR) is a university-wide entity dedicated to an increased understanding of cities through cross-disciplinary research, instruction, and civic engagement. As the global human population becomes increasingly urban, understanding cities is vital to informed decision-making and public policy formation at the local, national, and international levels.

Penn IUR is dedicated to developing 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. By providing a forum for collaborative scholarship and instruction across Penn's twelve schools, Penn IUR stimulates research and engages with the world of urban practitioners and policymakers.

## 2011-2012: A Year in Review

Central to Penn IUR's successes this past year were the partnerships we forged to explore critical national and international urban issues. We deepened existing and developed new partnerships to bridge the gap between the academy and field, disseminate the latest urban research to a world-wide audience, examine local and global innovations, and support innovative scholarship and instruction at Penn and beyond.

This report covers Penn IUR's accomplishments from September 1, 2011 through August 31, 2012, Penn IUR's eighth year in operation.