

## Dean, School of Architecture and Planning

The School of Architecture and Planning is composed of five main divisions:

- The Department of Architecture, the first such department in the nation (1865), which came to be known as a leader in introducing modernism to America
- The Department of Urban Studies and Planning (DUSP), which began as the program in city planning—the second of its kind in the country (1932)—and later evolved into the longest continuous planning program in the United States
- The Media Laboratory, the birthplace of multimedia computing (1985), which has come to be known around the world as a world-class incubator of new design ideas
- The Center for Real Estate, which established the nation’s first one-year graduate program in real estate development (1984), becoming recognized worldwide as a leader in the field
- The Center for Advanced Visual Studies (1967), which pioneered the use of technologies such as lasers, plasma sculptures, sky art, and holography as tools of expression in public and environmental art and is now a thriving fellowship program

The unifying theme of our activities is design. Through the design of physical spaces, and through the design of policies and technologies that shape how those spaces are used, we aim to sustain and enhance the quality of the human environment at all scales, from the personal to the global. This report includes highlights from all of our five divisions; for more detail, consult their individual reports.

### New Programs

Two new efforts—the Design Laboratory and the Urbanization Laboratory (UrbLab)—were launched by the dean’s office this year to strengthen the links among areas within the School and between the School and the world at large.

The Design Laboratory is organized as a collection of multidisciplinary teams that blur the boundaries of the specialization areas in our School; a central goal of the lab is to provide opportunities, infrastructure, and a peer community for faculty, staff, and students who are interested in pursuing innovative design research.

UrbLab will build on our 20-year relationship with Tsinghua University in Beijing to focus on the design and development issues posed by rapid urbanization in China and elsewhere; the goal is to invent new models of city form and function that will accommodate such fast growth without sacrificing livability. Planning professor Dennis Frenchman will be codirector of the new lab.

The Center for Advanced Visual Studies also introduced a new program through which any MIT graduate student who considers himself or herself an artist may apply for studio space at the center, a small grant for materials, and studio visits from the center’s staff and senior fellow.

## Research

In a cross-campus interdisciplinary research effort, Professors Dennis Frenchman and William Mitchell led the design of the Digital Mile in Zaragoza, Spain, as part of the New Century Cities initiative. The Digital Mile will integrate advanced communications and media into the public environment of this ancient Spanish city, resulting in new activities, patterns of work, and urban structures. On the basis of this work, two follow-on projects have also been funded: exploration of the concept of “open source space” as a paradigm for physical planning, and design of a demonstration digital public space at the main gateway to Expo 2008, which will be held in Zaragoza.

The SENSEable City Laboratory, headed by research scientist Carlo Ratti, engaged in a host of projects involving new ways of understanding and representing cities, tools for design and decision making, and incorporation of new media into city functions; the work of the SENSEable City Lab and DUSP in the technology area will be featured as a major theme exhibit at the Venice Biennale in the fall.

The Media Lab continued its expansive research agenda, including investigations into “smart” prosthetic limbs, sociable robots, human language acquisition, computer creativity for kids, stackable city vehicles, and a variable molding machine that brings personal fabrication into the kitchen. A complete list of Media Lab projects is available online at <http://www.media.mit.edu/research/samples.html>.

In January, the Center for Real Estate presented a report indicating that new single-family home construction in the Greater Boston metropolitan area is consuming about twice as much land as existing single-family housing, and half of the region’s 30,387 new single-family homes have been built on lots of nearly an acre. This finding has the potential to significantly affect land-use policies.

In February, the Center for Real Estate released a transaction-based index of real estate investment performance developed from a database maintained by the National Council of Real Estate Investment Fiduciaries. The information is updated on a quarterly basis. In May, the center presented its revised Housing Affordability Index; this new index includes both rental and owner-occupied units in the Boston metropolitan area and incorporates new measures of quality of life such as school quality and public transit.

## Education

On average, the School enrolls about 600 students a year from all corners of the world in an array of courses ranging from Renaissance architecture to the cities of tomorrow, digital fabrication, motion graphics, shape grammars, photography, and construction finance.

Beginning with the master of architecture (MArch) class admitted this spring, the department has begun to increase the size of the professional program incrementally. Likewise, the size of the master of science in visual studies degree program will double over the next two years. Searches were approved for three senior design faculty positions and one tenure-track position each in design, visual arts, and (as a replacement) the Aga Khan Program for Islamic Architecture.

The department also experimented with a new way to conduct MArch thesis reviews this year: instead of fitting presentations into the narrow halls and corners surrounding the studios, facilities manager James Harrington implemented a series of review “rooms” in a centrally located MIT space where the show was accessible to the larger MIT community and created a festive, celebratory ambience.

A high point of the year was that the admissions yield for the master in city planning (MCP) program hit a record high of 71 percent. Furthermore, 75 percent of admitted underrepresented minority applicants accepted our offer of admission into next year’s class. We also reached our target of enrolling a dozen new PhD candidates in the fall.

MIT’s Teacher Education Program, led by Professor Eric Klopfer, took on many new educational technology research and development projects over the past year. Professor Klopfer continued to run a project, funded by the National Science Foundation, to train teachers using new technologies to improve science learning in New Mexico.

Our graduate planning programs enrolled 194 students this year. Fifty-five percent were women, 32 percent were international students, and 17 percent of US students were members of underrepresented minority groups. The department granted 64 MCP, 4 SM, and 15 PhD degrees.

A total of 130 students were enrolled in the Program in Media Arts and Sciences (MAS), including 75 master’s candidates and 55 doctoral candidates. The MAS graduate student community included 16 women, 4 members of underrepresented minority groups, and 52 foreign students.

During the year, 43 MAS degrees were awarded (23 SM and 20 PhD). MAS received 340 applications, from which 59 new students (including 15 women) were offered admission. Fifty-one (including 12 women) accepted.

In April, the Center for Real Estate selected its 23rd class of students for the MS in real estate development. From a pool of 90 candidates, 45 were offered admission, and 35 accepted the offer, for a 78 percent yield. The class is composed of 10 women and 25 men. Seven of these students will pursue dual degrees in business administration, city planning, and civil engineering, and nine already have advanced degrees in architecture, structural engineering, management, business administration, or Middle Eastern studies.

### **Undergraduate Education**

Jan Wampler was appointed to the newly created position of director of the undergraduate architecture program, and he conducted a full review of the undergraduate program relative to other universities. A strengthened series of design studios will be a major emphasis going forward. A new fall portfolio seminar was introduced for juniors to help them develop portfolios to present to potential employers and graduate school admission committees. And the department sponsored a number of activities for undergraduates, including an open house for freshmen and admitted students, a new-major orientation program, and senior thesis presentations.

The Undergraduate Committee worked with DUSP undergraduate majors to expand opportunities for contact among DUSP faculty and undergraduates and to enhance the visibility of the program among undergraduates. This year the number of Course 11 majors increased markedly relative to last year, with the number of freshmen selecting urban studies jumping by 50 percent.

Undergraduate committee head Diane Davis received a grant from the D'Arbeloff Fund for Educational Excellence to develop a new freshman-level project-based course called Cityscope. Intended as an introduction to the challenges of cities at risk, it will be designed to educate students about the relationships among science, technology, and urban planning innovation, and its hands-on ethos will give first-year students an opportunity to try problem solving in complex urban environments. The class' focus for the first several years will be New Orleans.

### **ArchNet**

Created in 1999 through a partnership between the Aga Khan Trust for Culture and MIT, ArchNet is a growing global community of scholars, students, and professionals concerned with architecture, planning, and landscape design. In 2002, the partnership was expanded to include the School of Architecture at the University of Texas at Austin.

Currently, ArchNet has more than 36,000 members registered from more than 120 countries. The digital library contains more than 46,000 images of architecture in the Muslim world and more than 3,500 publications, reports, and technical documents. It supports an average of 5,600 unique users on a daily basis, and each week users download an average of 1.5 million images or 3,000 publications. The operations at MIT continue to support six research assistants during the academic year, and provisions and funding are in place to retain students on hourly wages during the summer term.

The Aga Khan Trust for Culture has expressed an interest in understanding the impact of ArchNet on architectural education. In August, the general manager of the trust met with Dean Adèle Naudé Santos and William Mitchell, principal investigator, to discuss the future direction and scope of ArchNet at MIT.

### **Katrina Response**

Faculty and students confronted the aftermath of Hurricane Katrina in a number of ways: Reinhard Goethert connected a team of students with Oxfam and TRAC, a Louisiana nongovernmental organization, to design a house that could withstand flooding in coastal areas; Jan Wampler, in association with the Urban Conservancy, conducted a studio on housing in New Orleans; and John Fernandez sought to identify sustainable building materials and technologies that would help mitigate the effects of wind and water. With J. Philip Thompson of planning, Fernandez also responded with a project to produce locally manufactured, hurricane-resistant housing for New Orleans in an effort that would also include employment training.

The challenges in New Orleans and the Gulf Region engaged the substance of nearly every subject we teach in planning. Professors Thompson, Ceasar McDowell, and JoAnn Carmin led a practicum focused on the Tremé neighborhood, and senior lecturer

Karl Seidman taught an economic development finance class in parallel with a faculty member at the University of New Orleans. The department also rented a house in the Uptown neighborhood from which graduate students worked on various projects. All told, about 40 DUSP graduate students were actively involved in New Orleans this year.

The department was also instrumental in organizing the colloquium series *Big Questions After Big Hurricanes*, intended to educate the MIT community about the conditions and issues facing the affected region. The series was streamed on the MIT World website, allowing thousands of additional people to have virtual access to these presentations.

In the aftermath of Hurricane Katrina, Professor Lawrence Vale was widely cited in the media, largely as a result of the timeliness of his coedited book *The Resilient City: How Modern Cities Recover from Disaster* (2005).

### **Travel Opportunities**

Opportunities for student travel are a continuing strength of the School. Architecture studio classes traveled to China, Kiev, New Orleans, New York, Vermont, New Jersey, and Tijuana/San Diego.

Senior lecturer Shun Kanda again led an extended summer study trip to Japan, while principal research associate Reinhard Goethert took his new practitioner class to Louisiana and led a group of students to Manila during Independent Activities Period.

Professor Dennis Frenchman led the ninth Beijing Urban Design Studio with Professor Jan Wampler from architecture and assistant professor Chris Zegras from planning. The studio took 20 architecture, planning, real estate, and transportation students from MIT to Beijing for five weeks in the summer of 2006 to work with counterparts at Tsinghua University on a difficult urban design issue facing the city.

Planning practica were held in four Massachusetts cities—Springfield, Lawrence, Lowell, and Boston—as well as in New Orleans, Shanghai, Beijing, and India. Also, nine students received travel grants to attend the two-day Interdisciplinary Workshop on Regional Innovation at King’s College in Cambridge, England.

Professors John de Monchaux (DUSP) and Julian Beinart (architecture) led a fall urban design studio in Kiev, Ukraine, that focused on revitalizing the city’s waterfront and former industrial areas.

Large-scale development in Bergen County, New Jersey, was the focus of work in the spring urban design studio, a joint City Design and Development Forum class under the direction of architecture professor Alexander d’Hooghe.

Professor Tunney Lee and visiting lecturer Liang Zhao led a yearlong research initiative, coupled with the spring planning studio, on housing in Shanghai, China.

Professors Frenchman and Mark Schuster continued their long-standing collaboration with colleagues at the Universitat Politècnica de Catalunya; this year’s work included

publication of the first issue of a new journal, *Cultural Landscapes*, that will report on regional planning for culturally sensitive preservation and development in the United States and Europe, a rapidly growing area of study and practice.

Lecturer David Laws involved a group of Environmental Policy Group students in a practicum in Rotterdam that explored the ways in which group learning can enhance the sustainability of environmental decision making at the local level.

A three-year, \$400,000 Community Opportunity Partnership Center grant from the US Department of Housing and Community Development is supporting MIT@Lawrence, a major expansion of work in Lawrence, MA, conducted by assistant professor Lorlene Hoyt and Professor Langley Keyes.

Every year, the planning department offers a study trip to an international city where students can visit diverse neighborhoods, institutions, and organizations and meet with local planners and academics who show them how the city has been planned and built. This year's class visited Copenhagen.

## **Communications**

A coordinated program in communications was initiated this year, beginning with the development of a new website for the school, launched in late spring. The programming of the PLAZmA Gallery in the corridors of the school is also undergoing redevelopment, and more screens will be deployed this summer at the Media Lab, the Center for Real Estate, the headquarters of the Department of Architecture, DUSP headquarters, and the Center for Advanced Visual Studies and the Visual Arts Program in N51. The PLAZmA Gallery features the work of students and faculty presented on plasma screens in the School's public areas; the content overlaps with the online portfolio on our website, and the screens can also be used for student reviews and presentations.

## **Events**

The school cosponsored, with the Chinese Ministry of Construction, the third annual China Planning Network Conference in Beijing, which drew more than a thousand planners from China and 20 other countries. The conference coincided with the opening of a major exhibition of the work of the MIT-Tsinghua Beijing planning studio over the past 20 years as well as a signing ceremony for the new MIT-Tsinghua Beijing Urbanization Laboratory. The content of the exhibition will be published in a book later this year.

Yung Ho Chang initiated MIT's first-ever mini-skyscraper design competition, open to students in any discipline at MIT and elsewhere. The winning project by Axel Kilian, Philippe Block, Peter Schmitt, and John Snavely was a tower built of pneumatic tubes, nicknamed "Muscles," that could be manipulated to bend in different directions, as an exploration into how to make buildings respond to external natural forces such as wind or earth movement. The tower was on view in front of the MIT Student Center during Commencement week.

Learning that a remarkable number of Chinese scholars and practitioners happened to be clustered in the New England and New York City areas this spring, Chang and lecturer Juan Du arranged to bring them all to MIT for a daylong symposium on the current state of architecture and urbanism research in China.

A ringtone music composition contest was held on campus in January, judged by Tod Machover, recent graduate Mary Farbood, professor emeritus Marvin Minsky, and U2's the Edge. The entire MIT community was invited to create mini-compositions for cell phones using the Media Lab's Hypescore technology. The contest attracted approximately 100 submissions.

The Wolk Gallery presented four architectural exhibits: "Waclaw Zalewski: Shaping Structures," "digital-minimal" (projects by SENSEable City Lab and carlorattassociati), "Architecture and Revolution in Cuba," and "J. Meejin Yoon, Rock Paper Scissors: Projects by MY Studio."

In architecture, the History, Theory, and Criticism group began two projects: Deus Ex Historia, an international conference on architecture and religion, and Beaux-Arts in America, a collaborative venture between the department and the MIT Museum. The latter project began with a seminar in spring 2006 and will progress with another subject offering and an exhibition involving both the Wolk and Compton galleries.

The Aga Khan Program hosted an international conference in April, the Mosque in the West, and a workshop in October, the Mamluk Domes of Cairo.

In architecture, Pritzker Prize winner Thom Mayne presented the 13th Pietro Belluschi Lecture.

The Alumni/ae of Color Dinner Series was launched in spring 2006 to strengthen connections between DUSP alumni and alumnae of color and the Institute while at the same time providing current students with ideas on how to effectively serve communities of color.

In February, the Center for Advanced Visual Studies sponsored an event designed to open the center to a key audience during the College Art Association conference. The event attracted approximately 400 artists, art historians, and other art-related professionals and was covered by the *New York Times*, *Boston Globe*, *Phoenix*, *Weekly Dig*, *Artforum.com*, and *BigRedandShiny.com*.

The Beijing Urban Design Studio celebrated its 20th anniversary this year. Faculty, alumni, students, and benefactors came together with friends and family of Paul Sun to honor Sun's contributions to the study and preservation of vernacular architecture in China and to acknowledge the groundbreaking work of the studio during the past two decades.

As part of MIT's first Institute-wide Graduate Alumni Convocation and Reunion, graduates of the School joined with graduate alumni from across MIT to participate in a

two-day program of lectures and events. DUSP featured a discussion about department efforts to assist in rebuilding New Orleans, sponsored by the Ross A. Silberberg Memorial Fund for Social Justice and Design. The Department of Architecture hosted an architectural tour of the new Brain and Cognitive Sciences Complex. The Media Lab featured highlights and demonstrations of its innovative work.

## Visitors

The Special Program for Urban and Regional Studies hosted 16 fellows this year. One of them, Humphrey fellow Illac Diaz from the Philippines, was a member of award-winning teams in three MIT competitions, including the MIT \$100K competition (Grand Prize for Development) and the IDEAS Competition (grand prize for First Step Coral and second prize for Peanut Revolution with other teams).

The Program on Human Rights and Justice, cosponsored by DUSP and the Center for International Studies, hosted human rights fellows from around the world, including a scholar at risk from Afghanistan.

Visiting assistant professor Earthea Nance served as a Dr. Martin Luther King Jr. fellow in the planning department. During her year at DUSP, she wrote a book on participatory sanitation in Brazil, taught two courses on international water and sanitation planning, and founded the People's Environmental Center in New Orleans to help residents return to their homes after hurricanes Katrina and Rita.

Visitors to the Center for Advanced Visual Studies included Vito Acconci, a foundational figure in contemporary art and experimental architecture; Turner Prize winner Simon Starling; and pioneering director, performer, and activist John Malpede. Their three-day site visits to MIT included public presentations that garnered expanded public and MIT attendance.

Along with these visiting artists, the center sponsors artist fellowships, the cornerstone of the center's programs. Fellows are emerging or established contemporary artists who work for a period of up to a year at MIT, and their stays are meant to result in significant new artistic work and/or research that provides opportunities for long-term graduate and undergraduate involvement. This year, Pia Lindman, an emerging performance and video artist, worked with Media Lab and Computer Science and Artificial Intelligence Laboratory (CSAIL) researchers to compile and then reenact a topology of their movements, focusing in particular on Aaron Edsinger and Lijin Aryananda, graduate students in Rodney Brooks' group at CSAIL, and their robots. Michael Smith, an established performance, video, and installation artist, worked with Visual Arts Program faculty, graduates, and undergraduates as well as center staff member Joe Zane to conceive, storyboard, and shoot a tragicomic 10-minute video about a middle-aged self-learner who discovers MIT through its OpenCourseWare program.

## Personnel Changes

In the dean's office, Athelia Tilson was appointed assistant dean for resource development; Scott Campbell was appointed director of communications; and Jamie Fabianski was appointed administrative assistant with responsibilities in both resource development and communications.

In architecture, Yung Ho Chang took over as head of the department on July 1, 2005.

In planning, Chris Zegras joined the faculty as an assistant professor and is teaching the core quantitative reasoning class for master's students as well as transportation classes. Recently he was awarded a grant to carry out research on the influence of gated communities on travel behavior in Santiago de Chile.

At the Media Lab, Frank Moss took over as director. Moss is a seasoned entrepreneur and technology expert who has spent the past 25 years building a diverse set of companies that are on the leading edge of technology.

Nicholas Negroponte, cofounder of the Media Lab, stepped down as chairman to concentrate on One Laptop per Child (OLPC), an independent nonprofit organization he launched in January 2005 to develop a very-low-cost laptop for the world's children, especially those in developing nations.

Walter Bender, a founding member of the Media Lab who served as the lab's director for the past five years, has taken a leave of absence from MIT to serve as OLPC's president for software and content development.

Ken Goldsmith, who had served as assistant director of finance and space for MIT's Division of Student Life, joined the Media Lab as director of finance in May.

Research scientist Henry Holtzman, who coheads the Media Lab's Physical Language Workshop, was named the lab's first chief knowledge officer.

Ute Meta Bauer took over directorship of the Visual Arts Program on July 1, 2005.

The Center for Advanced Visual Studies established a new advisory position through which an established artist of international stature advises and helps represent the center as a whole and is free to pursue an art project at MIT with student involvement. Judith Barry, a pioneer of video, performance, and new media whose artwork has been shown internationally since the early 1980s, was the first senior fellow.

## **Diversity**

The School of Architecture and Planning and the School of Engineering have been recognized for achieving significant gains in numbers of women faculty since the release of the 2001–2002 reports on women faculty members. We now have about 30 percent women faculty in the School, and the proportion of our women faculty who are tenured continues to grow. This year, slightly more than half are tenured, as compared to less than one-fifth 10 years ago.

The number of underrepresented minority faculty members remains low, at just five. Departmental recruitment efforts are being stepped up and new strategies considered. DUSP student recruitment efforts continue to be successful and well supported by faculty, students, and alumni. New initiatives in the Department of Architecture include building links with traditionally black colleges and a conference on the status of black

architects in the profession to be hosted by the department in February 2007. Also, the underrepresented minority committee in architecture has a series of goals, including mentoring and discussions, that it hopes will improve the image of the department as a place that is friendly to minorities. The Program in Media Arts and Sciences (MAS) is focusing efforts on increasing the minority graduate student applicant pool and admissions and thereby the pipeline for faculty appointments. The dean plans to hire a new staff person with responsibilities for diversity efforts throughout the School.

### Faculty Achievements

In April, Dean Santos was appointed head of a 14-person jury made up of leading architects, engineers, and professors from 10 different countries to judge a global three-year competition sponsored by the Swiss-based Holcim Foundation for Sustainable Construction in collaboration with five of the world's leading technical universities, including MIT. Seven hundred guests from 50 countries convened in Bangkok for her presentation of awards worth \$1 million to the best sustainable projects.

### Architecture

Yung Ho Chang received an Academy Award in Architecture from the American Academy of Arts and Letters.

Alexander D'Hooghe published *Public Form: Alexander d'Hooghe* (Brussels: VAI/A16 Publications, 2006, V. Patteuw and V. Brunetta, eds.).

Mark Goulthorpe was named one of the Architectural League of New York's Emerging Voices and won the 2005 First Place Far Eastern International Digital Architecture Design Award.

Meejin Yoon spent spring term at the American Academy in Rome as recipient of the Rome Prize Fellowship in Design; she also received a *Metro* New York Five Under 35 Award and was selected to participate in the third National Design Triennale at the Cooper-Hewitt Museum's National Museum of Design.

John Fernandez unveiled new material selection software for architecture and the built environment, the first computational design tool to assist in the assessment and selection of materials for buildings. His book *Material Architecture: Emergent Materials for Innovative Buildings and Ecological Construction* (Architectural Press, Oxford, England) was also published this year.

John Ochsendorf and his students helped to design and build a new sustainable conference center in Dover, England, utilizing a historic vaulting method to create two 45-foot-span brick domes; the project was the first application of this technology in England.

Leon Glicksman completed editing the book *Sustainable Urban Housing in China, Principles and Case Studies for Low Energy Design* (to be published by Springer Publishing Company). A Chinese translation also will be published. The book contains contributions by John Fernandez, Les Norford, and Andrew Scott.

Axel Kilian was appointed as a distinguished visiting faculty member to bridge computation and the other discipline areas in the department, bringing computation pedagogy and research into architecture design studios and various building technology courses.

Bill Mitchell completed two books, *Placing Words* and *Symbols, Space and the City*, both published by MIT Press; he also received the Doctor of Architecture *honoris causa* from Universitat Oberta de Catalunya, Barcelona, and founded the Design Laboratory at MIT to host faculty members from diverse backgrounds in the conduct of multidisciplinary design research projects. He taught a new subject as well, "Design without Boundaries."

Takehiko Nagakura had a solo exhibition at Gallery A4, Tokyo; published illustrations in *Art: Architecture by Philip Jodidio* (Prestel Verlag); acquired a patent for the Deskrama, an interactive multiprojection visualization system (Japan); and offered a new subject on digital design media.

Nasser Rabbat published *Making Cairo Medieval*, coedited with Nezar AlSayyad and Irene Bierman (Lanham, MD: Lexington Press, 2005).

George Stiny's book *Shape: Talking about Seeing and Doing* was published by MIT Press.

## Visual Arts

Ute Meta Bauer curated a mobile transborder archive as a project of InSite05. She also taught, lectured, and published on curatorial practice in the United States and abroad.

Wendy Jacob received grants from the LEF Foundation Contemporary Work Fund and the MIT Council for the Arts.

Joan Jonas performed at the Dia Art Foundation and was a lecturer at Yale, New York University, and the Skowhegan School of Art.

Krzysztof Wodiczko was reviewed in the *New York Times*, *Artforum*, *Art in America*, and *Art Press* for his installation "If You See Something . . ." at Galerie Lelong in New York. His projections were also featured at the Zacheta National Gallery of Contemporary Art in Warsaw and the Kunstmuseum Basel.

## Planning

Lawrence Susskind won the Distinguished Educator Award from the Association of Collegiate Schools of Planning.

Lawrence Vale won the Paul Davidoff Award from the Association of Collegiate Schools of Planning for his book *Reclaiming Public Housing: A Half Century of Struggle in Three Public Neighborhoods*.

Phillip L. Clay was named one of the 100 most important blacks in technology for 2006 by *US Black Engineer and Information Technology Magazine*.

Karen R. Polenske was the first woman to be appointed a fellow of the Regional Science Association International. Polenske and her team also completed a seven-year project that culminated in an edited book titled *The Technology-Energy-Environment-Health (TEEH) Chain in China: A Case Study of Cokemaking*, published by Springer in January 2006.

Ralph Gakenheimer was appointed chair of the National Academies' Transportation Research Board's Committee on Transportation in the Developing Countries.

J. Phillip Thompson's new book, *Double Trouble: Black Mayors, Black Communities, and the Call for a Deep Democracy*, was published by Oxford University Press.

Lorlene Hoyt published *Voices from Forgotten Cities*, a compendium of talks from local practitioners.

Xavier de Souza Briggs was elected to a four-year term on the board of the Association for Public Policy Analysis and Management.

## Media

Nathan Eagle, <http://web.media.mit.edu/~nathan/>, a postdoctoral researcher working with Toshiba professor Alex "Sandy" Pentland, was one of several researchers honored as Nokia Champions. This new award was created by Nokia to recognize "the best and brightest among individual mobile application developers."

Hugh Herr won *Popular Mechanics* magazine's first annual Breakthrough Leadership Award for his work in developing next-generation prosthetic devices.

John Maeda, [http://www.media.mit.edu/people/bio\\_maeda.html](http://www.media.mit.edu/people/bio_maeda.html), received the Raymond Loewy Foundation's Lucky Strike Designer Award; this prestigious international design award recognizes the lifetime achievements of an individual whose work in design has helped to improve the social and cultural conditions of everyday life. Maeda also had his first solo exhibit at the Fondation Cartier pour l'art contemporain in Paris in November, attracting a record 1,800 visitors.

Mitchel Resnick, [http://www.media.mit.edu/people/bio\\_mres.html](http://www.media.mit.edu/people/bio_mres.html), was named one of the Daring Dozen by *Edutopia*, a publication of the George Lucas Educational Foundation. The 12 educators honored were credited with "reshaping the future of education."

Tod Machover and Neil Gershenfeld were among the "40 Modern-Day Leonardos" selected by Chicago's Museum of Science and Industry as part of its 2006 exhibit *Leonardo da Vinci: Man, Inventor, Genius*. Machover also premiered two new compositions in 2006: "Another Life" in March and ". . . but not simpler . . .," an acoustic work commissioned by the Ying Quartet, in April.

## Awards

Infinite Mile Award	Center for Bits and Atoms members (Media Lab/MAS) Sherry Lassiter, Susan Murphy-Bottari, John DiFrancesco  Melissa Bachman (Department of Architecture)  Nancy Jones (Department of Architecture)  Nimfa de Leon (DUSP)  Lisa Breede (Media Lab/MAS)
Lawrence B. Anderson Award	Lydia Kallipoliti
HASS Award	Judith Layzer (DUSP)  P. Christopher Zegras (DUSP)  Karen Polenske (DUSP)  John Ochsendorf (Department of Architecture)  Erika Naginski (Department of Architecture)  Wendy Jacob (Department of Architecture)  Andrew Scott (Department of Architecture)
Horowitz Award	Poulomi Chakraarti, MCP, DUSP, to support the research “Identifying and Sustaining Best Practices: Lessons from Grameen Bank for Low Income Housing in Manila”  Elizabeth Clay, MCP, DUSP, to support her research “Analyzing Success Factors in Community-led Participatory Budgeting in Bangalore, India”  La Tonya M. Green, PhD, DUSP, to support her research “Within the Mundane Activities of the Lived Experience: The Amalgamation of Schooling, Incarceration, and Neighborhood”  Susanne Seitinger, PhD, MAS, to support her research “An Environmental Approach to Children’s Playground Props”  Elisabeth Sylvan, PhD, MAS/Media Lab, to support her research “Youth Learning Networks”  Jacob Wegmann, MCP/MSRED, DUSP/Center for Real Estate, to support his research “High Rise, Low Density: The Stacked Flat Housing Typology”

**Adèle Naudé Santos**

**Dean**

**Professor of Architecture and Urban Studies and Planning**

*More information about the School of Architecture and Planning can be found at <http://sap.mit.edu/>.*