

Center for International Studies

The Center for International Studies was established in 1951 and quickly became one of the leading research centers of its kind. Today, we maintain the high standards and real-world relevance of the Center's history with programs on security studies, international political economy and technology, international education, human rights, the Middle East, and other areas of faculty and graduate student research, public outreach, and publications. Headed by Richard J. Samuels, Ford International Professor of Political Science, and with the active participation of about 30 faculty and researchers, 40 staff, and 30 graduate students, CIS continues its pioneering role of innovative exploration of international issues. We bring the fruits of that research to the public in a variety of forums and aim to educate and engage the MIT community on global challenges and problem solving.

Highlights of the 2008-09 year include:

- Suzanne Berger, the Raphael Dorman and Helen Starbuck Professor of Political Science and Class of 1960 Fellow, was awarded the Légion d'Honneur, one of France's highest accolades, in recognition of both her research and her efforts to strengthen ties between MIT and French researchers. Professor Berger is director of the MIT International Science and Technology Initiatives (MISTI) at CIS.
- Admiral William J. Fallon, recently retired from the U.S. Navy after a distinguished career that included two regional commands, joined CIS as our fourth Robert Wilhelm Fellow, and contributed broadly to public discussions and interactions with faculty and students. He now chairs the new CIS Advisory Board.
- Professor Samuels was appointed co-chair of MIT's Global Council, a new effort to engage students and faculty creatively in the world at large through education, research, and public service.
- Security Studies Program director Barry Posen, Ford International Professor of Political Science, and SSP Research Associate Jim Walsh, among others, were prominent in the national news media to analyze U.S. foreign policy challenges.
- MISTI continues to expand in its central role as MIT's key gateway to international education, with new programs and the Global Seed Fund, which supports innovative, research-oriented collaborations internationally.
- A new effort to address global ecological concerns was initiated at CIS, the Program on Environmental Governance and Sustainability, headed by JoAnn Carmin, Associate Professor of Environmental Policy and Planning in the Department of Urban Studies and Planning. The program began with a working group of graduate students and a public lecture by renowned author Bill McKibben.
- The Jerusalem 2050 project brought its four awardee teams to CIS for a semester to further develop their projects, which are urban design and similar efforts intended to envision and make possible a city of peace in the future. The project also sponsored the Jerusalem Seminar, open to the public, which featured speakers such as Susan Collin Marks, co-president of Search for Common Ground, and Bernard Avishai,
- The Neuffer Fellow for 2008-09 was Jenny Manrique, a fearless Colombian journalist who reflects the qualities of Elizabeth Neuffer, the late *Boston Globe* reporter the fellowship honors. Ms. Manrique contributed broadly to CIS activities, including authoring an Audit of Conventional wisdom and presenting at the Myron Weiner Seminar.
- Public outreach included several Starr Forums featuring leading intellectuals, such as MIT Institute Professor Noam Chomsky, Admiral Fallon, Eyal Weizman, Martin Feldstein, and others. Publications included several new Audits of Conventional Wisdom, short analytical pieces on U.S. foreign policy, and "Advice to President Obama." The Center is increasing its television coverage and now nearly all lectures are available online.

The individual program activities, summarized below, demonstrate the breadth and depth of the Center's mission, but even here we can only briefly touch upon the year's achievements. The Center is grateful to the many donors and others who make this work possible. More information is available at <http://mit.edu/cis>.

MIT International Science and Technology Initiatives (MISTI)

During 2008-2009, MISTI expanded, hosted talks at MIT on international issues, and helped integrate international education into MIT through a number of programs. MISTI sent 340 interns to work in labs abroad, up more than 25 percent from the previous year. MISTI interns are trained at MIT in the languages and cultures of the countries that will host them prior to starting their internships. As a result of this training, interns hit the ground running upon their arrival overseas and return to MIT with international networks and an understanding of how to work effectively in foreign cultures. MISTI's efforts have resulted in the internationalization of MIT students' education, including a very popular minor in applied international studies; courses on language and culture held in-country; workshops involving MIT professors, students, and young professionals from global companies; and a dynamic speakers' series on international issues. The MIT-Brazil Program, the MIT-Africa Program, the South Africa Forum and the MISTI Global Seed were launched during this time period. In addition, MISTI has also seen dramatic growth in its research collaborations with MIT scientists in France, Italy, Spain and Japan.

MIT-China Program

Since MIT-China's inception in 1995, MIT-China Program participants have completed individual internships with companies and institutes while others have participated in team teaching projects through MIT-China Educational Technology Initiative (CETI). In the case of individual internships, MIT-China placed interns with companies and institutes. In the case of CETI, teams of MIT students worked with numerous high schools and universities across China. Projects include innovation partnerships with MIT OpenCourseWare and MIT iLabs at universities in China. MIT-China is also the lead management program for the new MISTI partnership with the Department of Electrical Engineering and Computer Science. As a result of the close relationship with EECS, 75 EECS students were placed MISTI-wide in 2008-2009. The new lecture series, the MIT-China Forum, successfully hosted four events on campus as part of a broader MIT effort of exploring new ways of establishing ties with Greater China. During 2008-2009, 45 interns were sent to China

MIT-France Program

The MIT-France Program sent MIT students to institutes, companies, and workshops in France. The MIT-France Program had special training sessions for its interns on French culture, French business culture, history and current political events. In addition to a dynamic internship program, MIT-France supports budding collaborative research between faculty and students at MIT and in France through the MIT-France Seed Fund. This year the program received 24 requests for funding from professors and nine were funded. The MIT-France Program maintains close relations with sponsors. For the fourth year, it organized a week-long seminar at MIT for top managers from Total, Frances' largest company. The Program included meetings with MIT experts in science, engineering, economics, and political science. The MIT-France Program sponsors numerous activities on pertinent issues involving France at MIT. During this reporting period, 44 students were sent to France.

MIT-Germany Program

During this reporting period, the MIT-Germany Program expanded its mission of international education through internships, workshops, and the development of a pilot 'Capstone' course during IAP in Germany for advanced learners of the language. Specifically, the MIT-Germany Program offered a workshop supported by Lufthansa on "Future Trends in the Aviation Industry" and case studies on "Global Challenges in Transportation" sponsored by Deutsche Bahn. With support from Max Kade Foundation and DAAD, MIT-Germany sponsored a ten-day in-country "Capstone Course for Advanced Learners of German" during IAP. The course focused on culture, transportation and business topics. The Program also supports events on pertinent issues at MIT. During 2008-2009, 73 interns were sent to Germany.

MIT-India Program

MIT-India Program increased the number of students that it sent on internships to India and initiated more training including a day-long MIT-India retreat for students. The MIT-India Program works closely with MIT departments and faculty on India initiatives. Specifically, through IFMR Trust in Chennai, the Program received the seed fund grant for

'Innovation and Applied Technology for Development in India' that supports MIT faculty, research scientists and lecturers. MIT-India also supported the School of Architecture's ground-breaking research study on the growth and urbanization of Erode, a mid-size city in the southern state of Tamil Nadu. The MIT-India Program hosted a number of high profile speakers on campus, including Infosys founder Nandan Nilekani on his book *Imaging India*. During 2008-2009, 39 interns were sent to India.

MIT-Israel Program

In its inaugural year, the MIT-Israel Program trained and sent 15 students to Israel. While in Israel, the students took part in a four-day seminar on Israel Science and Technology and met with Israeli MIT alumni. The Program finalized agreements with over 15 companies and NGOs and all Israeli universities to host and fund MIT students doing research in Israel. With a dedicated donation in the field of energy, the Program developed related opportunities for students. The Program in cooperation with MIT-Hillel ran a Hebrew Program (Ulpan) with four different levels and 40 students. In addition, the Program sponsored over 20 Israel-related events on campus.

MIT-Italy Program

The MIT-Italy Program has continued to work at consolidating its presence on campus and in Italy through student internships and exchanges and collaborations between MIT and Italian university and research center collaborations. This year, with support by Compagnia di San Paolo, MIT-Italy launched the MIOR Project which will fund start up collaborations between MIT and Politecnico of Torino faculty, internships for MIT students at Politecnico labs and spin-offs. In addition, the Program has expanded the range of student opportunities it provides over Independent Activity Period. In addition to intensive Italian I language class for prospective interns, based on OCW material, the Program has created an entry-level opportunity for students to teach science, math and English at Italian high schools. The MIT-Italian Program organized training sessions and hosted talks on pertinent issues at MIT. During 2008-2009, 28 interns were sent to Italy.

MIT-Japan Program

The MIT-Japan Program continues to enjoy great success in educating MIT students in Japanese students both at MIT and in Japan. At MIT students are required to take Japanese language, a course on Japan and participate in a two-day retreat and eight spring training sessions. In addition, the Program received a third grant from the Toshiba Foundation to support a weekend in-country training session in Kyoto that educates interns on the history and culture of Japan. The Program also awarded Hayashi Seed fund grants to four MIT scientists doing research with environmental issues with Japanese and Asian researchers. In addition, the Program educates the community at large on Japan through lectures, a Japanese language table, movies and other cultural events. During 2008-2009, 33 interns were sent to Japan.

MIT-Mexico Program

The MIT-Mexico Program has continued to expand sending more students to a variety of companies, universities and institutes in Mexico. The MIT-Mexico Program sponsors numerous cultural events and talks at MIT. This year the Program sponsored a conference "The Energy Challenge in Emerging Economies: Searching for a Sustainable Solution," co-sponsored by the Comision Federal de Electricidad. The meeting brought together MIT experts in the field of energy and Mexican academic, government and corporate professionals. During 2008-2009, 26 interns were sent to Mexico.

MIT-Spain Program

The MIT-Spain Program continues to expand its network of host institutions within Spain. The MIT-Spain Program supports a number of educational initiatives on Spain including an in-country IAP course on Spanish language, culture and business. The course includes company visits and lectures on the economy and business culture of Spain. At MIT the Program organized a weekly Spanish conversation group and interns had special training sessions on Spanish culture, history and society. The Program in cooperation with the Barcelona Chamber of Commerce supported a series of symposiums on the "Internationalization of Innovation" in Barcelona and a "Workshop on Electronkinetics" at MIT. Finally the MIT-Spain/Barcelona Chamber of Commerce Seed Fund awarded five grants to promote research collaborations between Spanish and MIT researchers. During 2008-2009, 37 interns were sent to Spain.

MIT-Africa Program

The MIT-Africa Program was established this year with a gift of Total's gift of a Chair on Contemporary Africa to SHASS as a first step in a series of collaborations in education and research between Africa and MIT. Professor Suzanne Berger, MISTI Director, and Patricia Gercik, MISTI Associate Director, are currently managing the Program. In Fall 2008, MISTI provided partial support for Sloan School Dr. Anjali Sastry's course "Practicing Management"—a section of the Locke/Johnson G-Lab class that focuses on Health Distribution in Africa. Sixty students took the class last fall and then spent January in hands-on projects in African hospitals and clinics during January 2009 IAP. MISTI has provided some support for Africa Information Technology Initiative (AITI), a student-run organization that promotes development in Africa through education in appropriate information and communication technologies (ICTs). During MIT's summer recess, AITI sends MIT students to Africa to teach African undergraduate and high school students. AITI partners with local African institutions to offer classes focused on mobile phone application development with an emphasis on independent research, problem-solving, and entrepreneurship. In addition, MISTI has provided funding for supported the iLabs Project in Africa.

MIT-South Africa Forum

A first phase of an MIT-South Africa Program has been established under the leadership of Professor Hazel Sive. In the initial period the Program will place two South Africa Students from Witswatersrand University at MIT. These students have already been accepted. In phase two with a grant from the South African government, MISTI will hire a coordinator and send interns to South African companies and universities.

MISTI Global Seed Fund

In 2008-2009 MISTI launched a global seed fund for MIT faculty and researchers to support early-stage international projects and research collaboration. Applicants were encouraged to involve MIT students—both undergraduate and graduate—in their projects. The seed funds were comprised of five country-specific funds and a general fund for projects in any country. Of the 104 proposals received for the inaugural 2008-2009 MISTI Global Seed Funds, 27 were awarded \$457,400 funding. Faculty and research scientists from 26 departments across the Institute submitted proposals for projects in 42 countries. All awardees included undergraduate, graduate or post-doctoral student participation. Funds were to be used to cover international travel, meeting and workshop costs to facilitate the projects. MISTI provided cultural preparation for participating students before their departure.

Security Studies Program

The Security Studies Program (SSP) is a graduate-level research and educational program. The senior research and teaching staff includes social scientists and policy analysts. A special feature of the program is the integration of technical and political analyses of national and international security problems. Security studies is a recognized field of study in the MIT Department of Political Science. Courses emphasize grand strategy, causes and prevention of conflict, military operations and technology, and defense policy.

On January 15, 2009, SSP held a panel discussion on “Key Issues in the Department of Defense for the Obama Administration.” MIT Security Studies Program experts Cindy Williams, Owen Cote, Harvey Sapolsky, and CIS Wilhelm Fellow, Admiral William J. Fallon, reviewed the key spending, weapons system, and doctrinal issues facing the new Secretary of Defense. The talk was featured on MIT World.

On February 4, 2009, SSP held a roundtable discussion on “Israel, Hamas and the Gaza Conflict: A Roundtable.” Speakers included, Prof. Barry Posen, Admiral Fallon, and Jeremy Pressman, Assistant Professor, Political Science, University of Connecticut.

On March 19, 2009, SSP held its 16th Doolittle Awards Lecture in memory of General “Jimmy” Doolittle, American war hero, aviation pioneer, and MIT graduate. This year’s Doolittle Award recipient was General Norton A. Schwartz, Chief of Staff, U.S. Air Force.

SSP convened two major seminar series. The Biosecurity Seminar Series brought together international security specialists and the life sciences research community to examine the potential threat and policy implications of biological weapons and bioterrorism. The Wednesday Seminar Series offered talks on topics relevant to national defense and international relations, including Iraq, Afghanistan, Russian energy policies, Iranian nuclear policy, terrorism, radicalization of Muslims in Europe, the defense industry, humanitarian intervention, military technology and transformation, and military history. Speakers were academics, military officers, government officials, and journalists.

The program publishes an annual report; a seminar summary series, “SSP Wednesday Seminars”; a quarterly newsletter, *Early Warning*; and a working paper series. In August 2008, Prof. Taylor Fravel published a new book titled *Strong Borders, Secure Nation: Cooperation and Conflict in China's Territorial Disputes* (Princeton University Press, 2008). In April 2009 Prof. Harvey Sapolsky, Benjamin Friedman and Brendan Green, eds., published *US Military Innovation since the Cold War: Creation without Destruction* (Routledge, 2009); In September 2008, Prof. Harvey Sapolsky, Eugene Gholz and Caitlin Talmadge published *US Defense Politics: The Origins of Security Policy* (Routledge, New York: 2009).

In January 2009, SSP received one-year awards from Lincoln Laboratory and Draper Laboratory.

Program research is built around the interests of the faculty, the dissertations of the graduate students, and occasional commissioned projects. Key research areas and projects follow.

Proliferation of Weapons of Mass Destruction

- Examining the Underlying Logic of Current Nonproliferation Strategies
- Iran and North Korea
- Resource Allocation and Counter Proliferation Policy
- Biosecurity: Bridging the Gap Between the Life Sciences and National Security

U.S. Strategy for Global Engagement and States at Risk

- The Nature and Limits of U.S. Military Power
- The U.S. Resource Allocation Process
- Reassessing U.S. Grand Strategy
- Civil War Dynamics and Post-Conflict Reconstruction

Change and Stability in Asia

- How Will China Manage Active Territorial Disputes as a Rising Power?
- The Role of Nationalism in Shaping China’s Foreign Policy
- Implications of China’s Growing Engagement Within the Asian Region
- Securing Japan

U.S. Foreign and Defense Policy

- The Future of Conventional Warfare
- The Sources of Innovation in Military Doctrine
- Explaining the Revolution in Military Affairs: The Causes of Recent Military Innovation
- Project on the Federal Budget and Budget Process for National Security and International Affairs
- Transforming the Rewards for Military Service
- The Influence of the Government and Military-Industrial Complex in R&D and Innovation

Political Economy and Technology Policy Program

This CIS program applies theories and methods from the discipline of political economy to issues in science and technology policy, with work in three primary areas. The program is headed by Kenneth Oye, Associate Professor of Political Science and former CIS director.

Program on Emerging Technologies

Professor of Aeronautics and Astronautics and Engineering Systems Daniel Hastings, Professor Oye, and Leverett and William Cutten Professor of the History of Technology Merritt Roe Smith manage the Program on Emerging Technologies (PoET). This research and doctoral training program examines the nature and effects of emerging technologies, conducts research on key areas of uncertainty on these issues, and offers recommendations for improving the capacity of public and private institutions to adapt in the face of irreducible uncertainty. Retrospective studies on the automobile, laser, and GPS provide a basis for identifying factors that affect the diffusion of technologies across actors and applications and for evaluating assessments of the effects of these technologies during their infancies. Prospective studies on current technologies center on the next generation Internet in partnership with Senior Research Scientist David Clark of CSAIL and NSF Future Internet Design [FIND], and synthetic biology in partnership with Tom Knight, Kristala Prather, and Natalie Kuldell of MIT Biological Engineering and Jay Keasling of Lawrence Berkeley National Laboratories. Prospective work centers on protocols and standards, safety and security issues, and intellectual sharing and ownership. The group is adding a proactive component on the design and demonstration of applications of emerging technologies for safety, sustainability, and security. Funded by the NSF's Integrative Graduate Education and Research Traineeship program and Synthetic Biology Engineering Research Center, PoET has provided support for 23 doctoral and postdoctoral fellows from Political Science, Engineering Systems and Science Technology and society.

Project on Knowledge Assessment, Anticipation, and Adaption

Lawrence McCray, Professor Oye and Arthur Petersen are leading research on the evaluation and utilization of scientific and technical knowledge in areas of uncertainty and controversy. They are conducting research for "Grasping Third Rails: Assessing Scientific and Technical Knowledge in Areas of Controversy," a study on public controversies with significant scientific and technical content, with research under way on security issues including ballistic missile defense and Iraq's claims regarding weapons of mass destruction, and on health and environmental issues including PM2.5, methyl mercury, climate change, and dietary standards. A preliminary survey of planned adaptation in US environmental, health and safety policy is forthcoming in *Technological Forecasting & Social Change*.

Project on Technology Transfer for Climate Change and Development

The 13th Session of the Conference of the Parties at Bali reestablished the centrality of technology development and transfer in addressing climate change and promoting development. At the request of the United Nations, Professor Oye and his associates are addressing the following three sets of issues:

- Identifying key technology development and transfer issues at the heart of continuing discussions on how to address climate change and development issues effectively
- Specifying policy-relevant sources of uncertainty associated with such issues and defining researchable questions that would address these sources of uncertainty

Suggesting research approaches appropriate to these ends and identifying individuals who might be productively engaged in such research activities

Jerusalem 2050

Jointly sponsored by MIT's Department of Urban Studies and Planning and the Center for International Studies, Jerusalem 2050 offers a unique perspective to conflict-resolution by asking participants to envision new, innovative methods and structures to transform Jerusalem into a just and sustainable city for its inhabitants. Through the vehicle of

the *Just Jerusalem Competition*, Jerusalem becomes the home of the diverse groups that share the city as opposed to a brokerage pawn of competing political groups. The focus is shifted to address the complex issues of infrastructure – physical, economic, symbolic, and civic – that plague the daily lives of Jerusalemites.

In August 2008, the four *Just Jerusalem Competition* winning (4) teams (9 members total) came as Jerusalem Visionary Research Fellows to MIT for the Fall semester to work with DUSP and CIS faculty on transforming their ideas into detailed and implement-able plans. Housed in offices at the Center for International Studies, they attended several courses including the director Diane Davis' graduate course *Urban Development in Conflict Cities* and steering committee member Anat Biletzki's *Human Rights in Theory and Practice* course. Diane Davis held a weekly meeting with the fellows to help create synergies and provide feedback. In addition to being assigned two or three mentors from the steering committee, the Fellows met with many people, including Israeli and Palestinian government officials, grassroots organizers, artists, experts, and academics. The Center for International Studies sponsored a five-part Jerusalem Seminar Series, with visiting lecturers who talked about various aspects of Jerusalem, from its history to economics to grassroots conflict resolution programs. The Fellows were able to spend extra time in discussion with the presenters at dinners following the seminars. Additionally, a number of lectures were held in the Fall and Spring with joint sponsorship from other departments and programs. The fellows presented their projects to guests, funders, students, and professors at an event on December 12, 2008.

Currently, Jerusalem 2050 is working with a design and programming firm to develop a new multimedia, interactive website that will serve as a platform to continue the global discussion on Jerusalem. It will contain an archive and history of the project, research material on Jerusalem, a virtual exhibit of Just Jerusalem Competition submissions, and a discussion forum. The anticipated website launch is Fall 2009.

Seminar XXI: Outreach to the Washington Policy Community

For more than two decades, the Center for International Studies has hosted Seminar XXI, an educational program for senior military officers, government officials, and executives in NGOs in the national security policy community. The program provides future leaders of that community with the analytic skills needed to understand other countries and foreign relations generally. A cohort of about 85 meets throughout the academic year in Washington, DC, and northern Virginia.

Fellows learn to recognize the assumptions that underlie assessments of foreign societies and to explore policy issues critical to American interests through a variety of lenses. At each session, eminent speakers present alternative perspectives from which to understand a given country or problem. The fundamental criterion for choosing fellows is that they currently hold or are expected to hold top posts in the military or government within the next three to five years.

The program just completed its 23rd year and now has more than 1,400 alumni. Robert Art, Christian A. Herter Professor of International Relations at Brandeis University and senior fellow in the Security Studies Program, directs Seminar XXI.

Inter-University Committee on International Migration

The Committee is a six-college consortium that has since the early 1970s sponsored research and public discourse on a broad range of topics in international migration. The Committee includes members of the faculty from Harvard, Tufts, Brandeis, Boston University, Wellesley College, and MIT, and is hosted by the Center for International Studies. It is co-chaired by Professors Reed Ueda and Anna Hardman, both of Tufts University. Its principal activity in 2008-09 was the public lecture and discussion series that honors the Committee's founder, former CIS director and Professor of Political Science Myron Weiner.

This past year, the seminar hosted nine sessions featuring:

- Ron Skeldon, University of Sussex, UK, “Migration and Development: Remittances, Brain Drains and Diasporas.”
- Paulina Makinwa Adebusoye, Nigerian Institute of Social and Economic Research, “Migration in and out of Africa.”
- John O. Oucho, University of Warwick, U.K., Centre for Research in Ethnic Relations, School of Health and Social Studies, “African Migration to the Developed North, What Kind of Collaboration is Necessary?”
- B. Lindsay Lowell, Georgetown University, “Competing for Foreign Students and Workers in Science and Engineering.”
- Jenny Manrique, CIS Neuffer Fellow, "The Colombian Diaspora: Refugees and Asylum Seekers in South and North America."
- Andrea Rossi, John F. Kennedy School of Government, Harvard University, “The Impact of Migration on Children.”
- Oxana Shevel, Department of Political Science, Tufts University, “Citizenship Politics in Post-Soviet Russia: Between Identity and Real-Politik.”
- Mayumi Ueno, John F. Kennedy School of Government, Harvard University, “Trafficking in Persons in Japan.”

Program on Human Rights and Justice

The Program on Human Rights and Justice is directed by Balakrishnan Rajagopal, Ford International Associate Professor of Law and Development in the Department of Urban Studies and Planning; Professor Rajagopal was on leave in 2008-09. The program convened two major sessions on the crisis in Gaza, occasioned by the military confrontation of December and January. The first event was a lecture and discussion by Institute Professor Noam Chomsky in January, speaking to an overflow audience of several hundred, a speech also telecast on MIT World. Then, in March, the program, with CIS and several human rights programs at Harvard, organized a two-day symposium on Gaza, featuring several leading analysts and officials, including Professor Richard Falk, journalist Rami Khouri, Professor Posen, former PHRJ Fellow Anat Biletzki, Harvard’s Sara Roy, and several others. The sessions—one held at MIT and one at Harvard—were exceptionally informative, and the organizers produced a statement of concern that was widely circulated. Also, the program brought to campus Lars Bromely, Project Director at the American Association for the Advancement of Science, to speak on “Human Rights and GIS Mapping Technologies” in March.

PHRJ awards human rights and environmental justice internship support to MIT graduate and undergraduate students. Seven awards were made for the summer of 2009 for work abroad with environmental NGOs. The awards are made possible with the support of the Chancellor.

Persian Gulf Initiative

In 2005, the Center launched a series of seminars, workshops, public forums, and publications focusing on the Persian Gulf. In 2008-09, the Persian Gulf Initiative's main activity was to convene former U.S. policy makers and leading Iran scholars to consider the U.S. role in the Iran-Iraq War, 1980-88. Brought together at the Musgrove conference center in Georgia, with the support of the Arca Foundation, the three-day meeting produced new insights and knowledge about that period. The transcript is being made available to Iranians and other scholars and policy makers, and several additional interviews have been conducted. A highly innovative online platform, designed and managed by MIT's HyperStudio, will host interactions among those policymakers and will make available thousands of documents and vastly increase the understanding about war, international relations, and missed opportunities in the relationship. Directed by Principal Research Scientist and CIS Executive Director John Tirman, the Initiative also manages the unique Web site, "Iraq: the Human Cost," which provides reports and studies on human security as a consequence of the Iraq war. Other activities include published articles, including an Audit of Conventional Wisdom by Dr. Tirman and Research Affiliate Sanam Naraghi Anderlini on a new approach to U.S.-Iran relations; op-eds in the *The Nation*, *Boston Globe*, and *Bulletin of the Atomic Scientists*, among others; co-convened panels at the Wilson Center and the Carnegie Council on Iran; and several media appearances and other public talks. The Carnegie Corporation of New York awarded major support for the U.S.-Iran project during the year.

Public Outreach

Through our Starr Forum and other public lectures, we offered timely, topically diverse and accessible events. Our events were well attended and provoked spirited discussions. Lectures are video streamed from our website and often appear on MIT World, TechTV and YouTube. Occasionally, we partner with media outlets, such as the BBC or NPR. Highlights from the past academic year include:

- A series of public forums that addressed global issues facing the next U.S. administration, including: climate security with Denmark's Ambassador to the United States Friis Petersen; foreign policy with MIT scholars Professor Posen, Visiting Scholar Carol Saivetz, and Professor Fravel; healthcare policy with MIT Professor of Economics Jonathan Gruber; science policy with Marc Kastner, Donner Professor of Science and Dean of the School of Science; and a conversation about world affairs with Admiral Fallon.
- In response to the crisis in Gaza, we hosted a talk in January with Institute Professor Noam Chomsky and, later in the spring, co-sponsored with Harvard University a two-day symposium. The MIT-Harvard symposium brought together leading experts and officials in the fields of human rights, history, political science, U.S. foreign policy and law, and included a range of views from US, Israeli, Palestinian and UN/NGO perspectives.
- Other public events included: the global economy with Harvard Professor Martin Feldstein and MIT's Simon Johnson, Ronald A. Kurtz (1954) Professor of Entrepreneurship at MIT's Sloan School of Management; US-Iran relations with a panel of security and policy experts, including SSP's Jim Walsh; a discussion about Afghanistan with Assistant Professor of Political Science Fotini Christia and Admiral Fallon; and, coinciding with a new CIS program on the environment led by Professor Carmin, we held a talk on global warming with environmentalist and award-winning author Bill McKibben.

Also successful was a two-week IAP course taught by actor-author Mia Kirshner. The course, based on Kirshner's recent multimedia publication on refugees, concluded with a public event.

The public programs initiative manages several of the Center's publications, including the biannual newsletter *precis* and the Audit of Conventional Wisdom essay series, as well as the CIS website. The Center added a standalone publication, "Advice to President Obama," comprised of 23 forward-thinking essays written by our scholars on topics ranging from security strategy to the financial crisis to human rights.

In addition, we produced an inspiring, short video about the Center, "Mind, Hand, World." The video is being used for public information and development purposes and has been added to our video collection on our Web site.

Finally, the *Emile Bustani Middle East Seminar*, organized by Philip Khoury, Associate Provost and Ford International Professor of History, continued this year with several lectures, including:

- "Who Speaks for Islam?" with Dalia Mogahed, Gallup Center for Muslim Studies
- "Islam and Europe: The Changing Face of Public Culture" with Nilufer Gole, Ecole des Hautes Etudes en Sciences Sociales, Paris
- "Iran: Assessing Ahmadinejad's Legacy," with Professor Ali Banuazizi, Boston College and CIS Research Affiliate
- "Jerusalem: (Un)sacred Space and the Worldly City," with Salim Tamari, Director, Institute of Jerusalem Studies and professor of sociology at Birzeit University

Grant Programs

The Center provides support for graduate students from any department at MIT for international research on their dissertation. Sixteen awards were made for study during the 2009 summer. The Center also provide Starr Travel Grants for students presenting papers at academic conferences. The Program on Human Rights and Justice makes awards to students for summer internships on environmental justice research and participation with NGOs abroad.

Affirmative Action Goals

The Center seeks to guarantee equality of opportunity in employment and to increase the representation and participation of minorities and women in management, and in administrative and technical staff positions. To that end, we have adopted a rigorous search process for new positions in which we post our job listings on websites that serve underrepresented populations, and seek the help of MIT Human Resources recruiters in identifying qualified applicants from underrepresented populations.

Publications

Faculty and researchers published on a range of international issues in 2008–2009. A small selection of scholarly work follows, in addition to those mentioned in program sections earlier.

Books

- Michael M. J. Fischer, *Anthropological Futures* (Duke University Press, 2009)
- Lawrence J. Vale, *Architecture, Power, and National Identity, 2nd Edition* (London and New York: Routledge, 2008).

Articles and Book Chapters

- Alice Amsden, "Nationality of Firm Ownership in Developing Countries: Who Should Crowd Out Whom in Imperfect Markets?", in Giovanni Dosi and Joseph Stiglitz, *Industrial Policy and Development*, (Oxford University Press, 2009)
- Alice Amsden, "Does Firm Ownership Matter?: FOEs vs POEs in the Developing World" in Ravi Ramamurti and J. Singh (eds.). *Emerging Multinationals from Emerging Markets* (Cambridge University Press, 2009)
- Diane Davis, "Ciudad global: un concepto en transición," *Revista Ciudad y Territorio, Estudios Territoriales* (Ministerio de Vivienda. España. No. 159)
- Michael M. J. Fischer, "Iran and the Boomeranging Cartoon Wars: Can Public Spheres at Risk Ally with Public Spheres Yet to be Achieved?" *Cultural Politics*, 5(1), 2009: 27-62

- Michael M.J. Fischer, "Renewable Ethnography" in G. Marcus and J. Faubion, ed. *Fieldwork is Not What It Used to Be: Anthropology's Culture of Method in Transition* (Cornell University Press, 2009) Portuguese expanded version in *Horizontes Antropologicos* (Brazil), special issue edited by Cornelia Eckert.
- Jaime Peraire, P.-O Persson, and J. Bonet, "Discontinuous Galerkin solution of the Navier-Stokes equations on deformable domains," *Comp. Methods Appl. Mech. Engrg.*, 198, 2009: 1585-1595
- Jaime Peraire, J.J. Munoz, J. Bonet, and A. Huerta, "Upper and lower bounds in limit analysis: Adaptive meshing strategies and discontinuous loading," *Int. J. Numer. Meth. Engng.*, Vol. 77 No. 4, 2009: 471-501
- Richard J. Samuels, "Wing Walking: The US-Japan Alliance," *Global Asia*, Vol. 4 No.1, Spring 2009
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