



IGCC

UC INSTITUTE ON GLOBAL CONFLICT AND COOPERATION

YEAR IN REVIEW • 2010



FROM THE DIRECTOR

2010 was an exciting year for the Institute on Global Conflict and Cooperation despite the financial struggles of the University of California system. We are particularly proud that when Secretary of Defense Robert Gates created the Minerva program to support intellectually creative social science research at universities that contributes to national security, IGCC won 1.5 of the first seven grants. With this support, IGCC launched two new major five-year research programs, one on development and terrorism and another on the security consequences of China's technological innovation. These projects are sterling examples of the role that IGCC plays in building research teams from the deep bench of scholarly experts on the ten UC campuses and other universities to address important challenges to international peace and security.

Led by IGCC Research Director and economics professor Eli Berman and colleagues at Princeton, Stanford, and Yale, Development and Conflict Research is a multidisciplinary program on political violence, governance, and development. It brings together economists and political scientists with military and development practitioners to study the effects of development in conflict areas. Researchers gather data and conduct experiments and field surveys in nine countries, including Northern Ireland, the Philippines, Iraq, the West Bank, Yemen, and Colombia. They have made almost a dozen research trips to Afghanistan, where they have briefed the most senior officials of the U.S. government, the military, and the Afghan government. The program also conducts an NSF-sponsored training workshop. A description of publications is available at <http://igcc.ucsd.edu/DACOR>.

IGCC Senior Research Fellow Tai Ming Cheung and I lead the Study of Innovation and Technology in China (<http://igcc.ucsd.edu/SITC/>), a project that is undertaking extensive research into China's technological great leap forward. Last summer we hosted two conferences and a training workshop that included Chinese, U.S., and Asian experts. The



research team has also developed a relational database to analyze the structure and evolution of China's national innovation system. The team is in great demand for briefings to senior officials throughout the federal government.

Since its founding by Herb York in 1983, IGCC has always devoted the lion's share of its resources to educating the next generation of international problem-solvers and peacemakers. IGCC's system-wide steering committee awarded ten dissertation fellowships in spring 2010.

The Public Policy and Nuclear Threats training program for graduate students, originally established with funding from the National Science Foundation's IGERT program, has been sustained by support from government agencies and national laboratories which seek to replenish the pipeline of nuclear policy experts.

To continue this fine IGCC tradition of educating the next generation of research and policy leaders, we have created an endowment, the Herb York Memorial Fund. With the retirement of the Cold War generation, the need to train global security experts has never been greater, yet nationally there are few resources dedicated to this vital goal. The fund will endow global security graduate fellowships to build a new community of scholars and practitioners trained in social science, science, and humanities, who can design and improve policies to preserve international peace.

We look forward to seeing you and collaborating this year!

Sincerely,

A handwritten signature in black ink that reads "Susan L. Shirk". The signature is fluid and cursive, with a large, stylized 'S' and 'L'.

Susan L. Shirk
IGCC Director



Around the globe, issues of war and peace continue to present challenges to the international community.

More than ever, world problems require careful thinking, creative research, and practical approaches if they are to be solved.

UC COLLABORATION

Since 1983, the University of California Institute on Global Conflict and Cooperation (IGCC) has gener-

ated innovative research into the causes of international conflict and cooperation. As a research unit serv-

ing the entire UC system, IGCC can build project teams from any of the ten UC campuses and the Lawrence Livermore and Los Alamos National Laboratories.

FOUNDATIONS

Founded by nuclear physicist Herbert F. York, IGCC's original emphasis on security and nuclear nonproliferation remains at its core, but its agenda has broadened with time. Today, IGCC researchers study a wide range of topics involving the security, environmental, and economic policies that shape our ability to prevent conflict and promote cooperation.

RESEARCH AND POLICY

Under the leadership of Director Susan Shirk, IGCC's work in its core areas is balanced by the recognition that evolving threats to global stability require exploration of nontraditional connections between and across disciplines and institutions. Projects in newly

emerging fields such as cybersecurity, global health diplomacy, and infrastructure resiliency are complements to projects with a more traditional security focus.

IGCC has provided ongoing leadership for preventive diplomacy in the world's most troubled regions through its Track II programs in the Middle East and Northeast Asia.

In partnership with the state of California, IGCC experts help to train government officials in best practices for managing the aftermath of both manmade and natural disasters.

Multi-week IGCC summer training programs introduce young scholars and mid-career professionals to the policy issues surrounding such topics as nuclear weapons, biothreats, and development and conflict.

EDUCATION

IGCC is committed to educating the next generation of international problem-solvers and peacemakers through its research and teaching activities. The institute has provided more than 470 fellowships to UC graduate students.

UCDC

Because of its commitment to informing policy debates, IGCC hosts regular events and fora in Washington, D.C., at the UC Washington Center (UCDC).

IGCC builds bridges between the theory and practice of international policy.



IGCC'S CORE RESEARCH TEAM

Professor Susan L. Shirk **IGCC Director**

Susan L. Shirk is Ho Miu Lam Endowed Chair in China and Pacific Relations at UC San Diego's School of International Relations and Pacific Studies. She first traveled to China in 1971 and has been doing research there ever since. From 1997 to 2000, Prof. Shirk served as Deputy Assistant Secretary of State in the Bureau of East Asia and Pacific Affairs, with responsibility for the People's Republic of China, Taiwan, Hong Kong, and Mongolia. Shirk's book *China: Fragile Superpower* was published by Oxford University Press in 2007. She received her B.A. in Political Science from Mount Holyoke College, her M.A. in Asian Studies from the University of California, Berkeley, and her Ph.D. in Political Science from the Massachusetts Institute of Technology.



Susan Shirk

Professor Henry D. I. Abarbanel **Research Director for Science and Security**

Henry D. I. Abarbanel received his B.S. in physics from Caltech and his Ph.D. in physics from Princeton University. He has served on the faculties at Princeton, Stanford, Northwestern, the University of Chicago, UC Berkeley, UC Santa Cruz and, since 1982, at UC San Diego. He also holds an appointment as a theoretical physicist at the Fermi National Accelerator Laboratory. He presently has appointments as professor of physics at UC San Diego and research physicist at the Marine Physical Laboratory, Scripps Institution of Oceanography. His research interests have ranged from elementary particle physics to the nonlinear dynamics of biological and physical systems. Since 1974, Abarbanel has been a member of JASON, a consulting group to the U.S. government on technical matters.



Henry Abarbanel

Professor Eli Berman **Research Director for International Security Studies**

Eli Berman is a professor of economics at UC San Diego and a research associate at the National Bureau of Economic Research. His research interests include economic development and conflict, the economics of religion, labor economics, technological change, economic demography, and applied econometrics. Recent grants supporting his work have come from the Department of Defense, Department of Homeland Security, and the National Science Foundation. Berman received his Ph.D. in economics from Harvard University. His book *Radical, Religious and Violent: The New Economics of Terrorism* was published in 2009 by the MIT Press.



Eli Berman

Professor Joshua Graff Zivin **Research Director for International Environmental and Health Policy**

Josh Graff Zivin is associate professor of economics at UC San Diego's School of International Relations and Pacific Studies and a research associate at the National Bureau of Economic Research. In 2004–2005, he served as senior economist for health and the environment on the White House Council of Economic Advisers. Graff Zivin has published numerous articles on a wide range of topics in top economic, policy, and medical journals. His research spans three fields of economics—health, the environment, and international development—and focuses on how uncertainty and heterogeneity affect both individual and societal decision making. He received his Ph.D. in agricultural and resource economics from UC Berkeley.



Joshua Graff Zivin

2010 PUBLICATION HIGHLIGHTS

Papers/Reports/Monographs



North Korea Inside Out: The Case for Economic Engagement
http://igcc.ucsd.edu/pdf/North_Korea_Inside_Out.pdf
Report of a task force convened by the Asia Society Center on U.S.-China Relations and IGCC.

Bellagio Framework for Sustainable Tuna Fisheries
http://igcc.ucsd.edu/pdf/bellagio_framework_whitepaper061110.pdf
An example of the environmental work carried out by IGCC researchers.

Tai Ming Cheung, ed., *The Rise of the Chinese Defense Economy: Innovation Potential, Industrial Performance, and Regional Comparisons* (La Jolla, CA: IGCC)

<http://igcc.ucsd.edu/research/security/SITC/SITCpublications.php>
The fifteen policy briefs in this collection detail some of the first findings from IGCC's Study of Innovation and Technology project.

T. J. Pempel, *Japan and the Two Koreas: The Foreign Policy Power of Domestic Politics*. IGCC Occasional Paper No. 3 (March)

<http://igcc.ucsd.edu/pdf/occasional-paper-3.pdf>
The latest publication in the IGCC series of occasional papers on international security and cooperation.



Books

Eli Berman, *Radical, Religious and Violent: The New Economics of Terrorism* (Cambridge, MA: MIT Press).

Nathan J. Brown and Emad Shahin, eds., *The Struggle over Democracy in the Middle East: Regional Politics and External Policies* (London: Routledge).*

Justin Hastings, *No Man's Land: Globalization, Territory, and Clandestine Groups in Southeast Asia* (Ithaca, NY: Cornell University Press).**

Matthew Kroenig, *Exporting the Bomb: Technology Transfer and the Spread of Nuclear Weapons* (Ithaca, NY: Cornell University Press).**

Robert Rauchhaus, Matthew Kroenig,** and Erik Gartzke, eds., *The Causes and Consequences of Nuclear Proliferation: A Quantitative-Analysis Approach* (London: Routledge).

Fatima Sadiqi and Moha Ennaji, eds., *Women in the Middle East and North Africa: Agents of Change* (London: Routledge).*

Susan Shirk, ed., *Changing Media, Changing China* (London: Oxford University Press).



*Part of the UCLA Center for Middle East Development book series on pressing topics in the Middle East.

**IGCC Public Policy and Nuclear Threats Fellow.

2010-11 DISSERTATION FELLOWS

Allan Dafoe

Political Science, UC Berkeley

Advisor: Steven Weber

Proposal Title: Deterrent Reputations against Terrorism: Agent-Specificity, Issue-Scope, and Cultural Origins

Gregory DePies

History, UC San Diego

Advisor: Takashi Fujitani

Proposal Title: Humanitarian Crises and the International Red Cross in Japan

Elsa Fan

Anthropology, UC Irvine

Advisor: Susan Greenhalgh

Proposal Title: Opportunistic Infections: The Governance of HIV/AIDS in China

Andrew Hao

Anthropology, UC Berkeley

Advisor: Aihwa Ong

Proposal Title: Chinese Ethical Capitalism: Business Ethics, Managerial Rationality, and Global Flows between Post-socialist China, Taiwan, and Singapore

Nathan Jones

Political Science, UC Irvine

Advisor: Caesar D. Sereseres

Proposal Title: Splintering and Survival: The Arellano-Félix Organization

Jennifer Keister

Political Science, UC San Diego

Advisor: David A. Lake

Proposal Title: States Within States: The Social Contracts of Rebel Groups

Robyn Klein

Political Science, UC Berkeley

Advisor: Steve Weber

Proposal Title: Relationships Between States and the Terrorist Groups They Support: When Control Matters

James Long

Political Science, UC San Diego

Advisor: Clark Gibson

Proposal Title: Voting, Fraud, and Violence: The Problem of Elections in Emerging Democracies

Melissa McAdam

Political Science, UC Berkeley

Advisor: Steve Weber

Proposal Title: Police Reform and the Provision of Internal Security in States Emerging from Conflict

Neil Narang**

Political Science, UC San Diego

Advisor: David Lake

Proposal Title: Can Humanitarian Assistance Inadvertently Prolong Conflict? A Theory and Evidence from Cross-National Panel Data

Amy Nelson*

Political Science, UC Berkeley

Advisor: Steven Weber

Proposal Title: Ambiguity and International Negotiations: Crafting Peaceful Agreements in Climates of Uncertainty

Vasundhara Sirnate

Political Science, UC Berkeley

Advisor: Pradeep Chhibber

Proposal Title: Countering Insurgency: Strategies of the Indian State

Wilfred Wan**

Political Science, UC Irvine

Advisor: Etel Solingen

Proposal Title: Pathways of Institutional Change: A History of the Nuclear Non-Proliferation Regime

*IGCC Public Policy and Biological Threats Fellow.

**IGCC Public Policy and Nuclear Threats Fellow.

COOPERATION WITH THE NATIONAL LABORATORIES

IGCC has a long history of collaboration with the Lawrence Livermore (LLNL) and Los Alamos (LANL) National Laboratories, formerly managed by the University of California. Laboratory scientists and engineers draw on the expertise of UC social scientists to provide insight into the international, institutional, behavioral, and historical context for their own technical studies. IGCC benefits from the science and technical expertise of its lab partners, particularly in the areas of nuclear security and biological threats.

Representatives from LANL and LLNL sit on the IGCC Steering Committee, and lab personnel have played roles in IGCC's regional cooperation dialogues, training programs, and conferences. They are integral to several highly successful IGCC programs, contributing to proposal development and planning for both Public Policy and Nuclear Threats and Public Policy and Biological Threats.



LLNL hosted the winter conference organized by the PPNT Fellows in 2008.

The connection with Public Policy and Nuclear Threats is especially strong. Many of IGCC's PPNT Fellows were interns at LLNL or LANL during their years of graduate study. Lab personnel have advised in the planning of the PPNT

winter conference since its inception, and LLNL has hosted several IGCC meetings on nuclear policy issues.

IGCC serves as a channel for the labs to access the social science expertise on the campuses and to present policy-related research in Washington, D.C. through IGCC's office at the UC Washington Center. Faculty and students conducting cutting-edge social science research on nuclear nonproliferation, terrorism, regional security, international security institutions, climate change and security, international health risks, and other topics related to national security are supported through a faculty-reviewed competitive grant process and brought together to learn from and share their expertise with their peers both from the campuses and the labs.

INNOVATION AND TECHNOLOGY IN CHINA

SITC researchers seek to understand the approaches, challenges, and prospects for success in China's quest for technological transformation.

The Project on the Study of Innovation and Technology in China (SITC), led by IGCC Director Susan Shirk and Senior Research Fellow Tai Ming Cheung, seeks to understand the approaches, challenges, and prospects for success in China's quest for technological transformation. Its primary goals are to:

- Conduct investigations into the fast-changing evolution of the Chinese defense and dual-use STI bases.
- Locate this research within a broad functional and comparative framework that contrasts the Chinese experience with Korea, Taiwan, Japan, and the United States.
- Address the security implications of China's military and technological transformation for the United States and the international community.
- Bring together and nurture a community of U.S. scholars from diverse disciplinary fields to help develop the field of Chinese security and technology studies and a center for academic excellence at IGCC.

2010

IGCC established SITC in spring 2009, with primary funding from the Department of Defense's Minerva Initiative. SITC's first summer training program brought together more than 80 scholars, students, and practitioners from leading universities and research institutions from around the world to take part in a training course and conferences examining China's technology development model and its defense industrial base. Papers from the defense industry conference are under consideration for publication in academic journals. A set of short policy briefs, *The Rise of the Chinese Defense Economy*, is available on the IGCC web site. The research team has also been developing a relational database to analyze the structure and evolution of China's national science and technology innovation systems, and has held numerous briefings and workshops in Washington, D.C., and other parts of the United States to brief the academic and policy communities on its research findings.

2011

SITC will host a two-week training program for mid-level analysts, policymakers, and Ph.D. students in La Jolla and shorter training sessions in Hawaii and Washington, D.C. A workshop showcasing the research of a new generation of promising scholars and policy analysts examining Chinese security and technology issues will be held in Washington, D.C., in late 2011.

Contact

Heidi Serochi (hserochi@ucsd.edu).



ACTIVITIES

A Strategic Assessment of North Asia and Implications for the United States

Tom Fingar

La Jolla, Calif.

May 10, 2010

Summer Training Workshop on the Relationship Between National Security and Technology in China

La Jolla, Calif.

June 21–26, 2010

Innovative China

La Jolla, Calif.

June 24, 2010

National Innovation in China Conference

La Jolla, Calif.

June 28–29, 2010

China Track II Dialogue

La Jolla, Calif.

June 30, 2010

Military and Geostrategic Implications of China's Rise as a Global Technology Power

Washington, D.C.

Nov. 18–19, 2010

ACTIVITIES

UNDERSTANDING POLITICAL VIOLENCE LECTURE SERIES UC SAN DIEGO

Obama's War: Understanding the
President's Strategy in Afghanistan
and Pakistan
Bruce Riedel (Brookings Institution)
Jan. 15, 2010

Radical, Religious, and Violent:
Economics and Terrorism
in Iraq and Afghanistan
Eli Berman (UC San Diego)
Jan. 28, 2010

DEVELOPMENT AND CONFLICT RESEARCH

***Multidisciplinary research on the political economy
of terrorism and insurgency has immediate applications
in the world's trouble spots***

IGCC's Development and Conflict Research (DACOR) is led by Research Director Eli Berman. He and his partners at Princeton, Stanford, Yale, and UC Berkeley have undertaken a broad program of theoretical, empirical and field research on terrorism, governance, and development in key locations around the world. DACOR is innovative in its multidisciplinary nature, bringing together economists, political scientists, the military, and development practitioners.

2010

In 2010 DACOR researchers traveled to Northern Ireland, the Philippines, the West Bank, Yemen, and Colombia to gather data, conduct surveys, and initiate research programs. They also made almost a dozen research trips to Afghanistan. While there, they briefed senior officials of the U.S. government, the NATO International Security and Assistance Force (ISAF), and the Afghan government. The researchers work closely with USAID, the World Bank, and various nongovernmental organizations, and are hosted by the Counterinsurgency Assistance and Advisory Team of ISAF.

2011

Activities planned for 2011 include a weeklong workshop in June on the Governance, Development, and Political Violence. This multidisciplinary program will be aimed at Ph.D. students and early career faculty, and will include officers from the U.S. military and USAID personnel. The goal of the workshop is to equip a cohort of young researchers and practitioners with the theoretical tools, background, data, and contacts to conduct fresh research on the political economy of terrorism and insurgency.

Contact

Katherine Levy (levyk@ucsd.edu).



Research teams traveled to Afghanistan as part of their field work.

ENVIRONMENT AND HEALTH IN A GLOBAL CONTEXT

Current research on international environmental policy and health builds on IGCC's past work on climate change and trans-boundary issues.

Over the years, the focus of IGCC's environmental policy program has expanded to include the health/environment nexus while acknowledging the importance of global health as a concern in its own right. Led by Research Director Joshua Graff Zivin, current research covers transboundary environmental issues such as ozone depletion and water scarcity, and health concerns resulting directly from climate threats. Recent program activities have focused on sustainable fisheries and air quality and worker health.

2010

Unless controlled, over-fishing poses a serious threat to the health of fisheries as well as eroding economic benefits and heightening conflict among states. Recent work on sustainable tuna fisheries, supported by the Rockefeller Foundation, has addressed: 1) the causes of overcapacity and how to control it; 2) rights-based management and allocation; and 3) effective monitoring, compliance, and enforcement tools. Ongoing work is focused on the design of international agreements to ensure sustainable global fish stocks and healthy ecosystems, while providing fair access to the fisheries.

Other research led by Graff Zivin is focused on the impacts of pollution on labor supply and productivity. The quantification of these impacts is expected to play a significant role in the design of both national and international air quality and climate change policies.

2011

In the coming year, IGCC will host a newly formed multicampus consortium of researchers that work on the environment and human capital. Human capital is widely viewed as playing an essential role in the creation of wealth and economic growth, particularly in developing countries; however, our understanding of the relationship between environmental quality and other elements of human capital is just emerging. A second conference on fisheries is planned for the spring.

Contact

Angela Lintz (alintz@ucsd.edu).

ACTIVITIES

Bellagio Conference for Sustainable
Tuna Fisheries
Bellagio, Italy
May 25–29, 2010





ACTIVITIES

Northeast Asia Cooperation
Dialogue 21
Seoul, Republic of Korea
Oct. 18–19, 2010

Defense Information Sharing Project
Seoul, Republic of Korea
Oct. 20–21, 2010

THE NORTHEAST ASIA COOPERATION DIALOGUE

Since 1993, IGCC has led the way in seeking to reduce the risk of conflict in Northeast Asia through the Track II process.

The Northeast Asia Cooperation Dialogue (NEACD), a unique multilateral forum involving high-level policymakers, defense ministry officials, military officers, and researchers from China, Japan, North and South Korea, Russia, and the United States, has proven its value as the only ongoing regular channel of informal communication among the six governments.

Founded and led by IGCC Director Susan Shirk, NEACD seeks to reduce the risk of military conflict in the region and to lay the groundwork for an official multilateral process in Northeast Asia.

2010

In its latest meeting, NEACD continued to show that it is a valued forum for dialogue amid continuing strained relations in Northeast Asia. The Seoul meeting was especially timely because it occurred during a period of profound strategic uncertainty in Northeast Asia and a prolonged hiatus in multilateral engagement among the governments belonging to the Six Party Talks.

This was highlighted by the sinking of the South Korean warship Cheonan, the leadership succession in North Korea, maritime confrontation between Japan and China, and broader geostrategic frictions between China and the United States. A key topic was how to mitigate rising regional military-security tensions, especially in the maritime regime and the conduct of military exercises. A particular theme of the Defense Information Sharing forum, which is the military-military component of NEACD, was how to enhance defense transparency among Northeast Asian countries.

The NEACD meeting received considerable media attention and enjoyed generous financial support from the Republic of Korea Ministry of Foreign Affairs and Trade and the Carnegie Corporation of New York.

2011

The next NEACD meeting will be held in the last quarter of 2011 in Hawaii. The issues to be discussed at the meeting are likely to include the increasing tension on the Korean Peninsula and how to prevent the emergence of two hostile blocs in Asia.

Contact

Laura Martin (lauramartin@ucsd.edu).



Panelists at NEACD 21 discuss the ROK-US alliance.

MIDDLE EAST REGIONAL SECURITY PROGRAMS

Participants in the Regional Security and Cooperation Dialogues engage the Middle East's most critical issues, enabling communication where there might otherwise be only misunderstanding.

IGCC and the UCLA Center for Middle East Development (CMED) jointly conduct research and provide educational programs on matters of political, economic, and diplomatic development in the Middle East. Guided by UCLA Professor Steven Spiegel, IGCC's Middle East programs explore issues of regional security and enable conflict resolution.

Since the Madrid Framework peace talks lost momentum in the 1990s, UCLA's Regional Security and Cooperation Dialogues have filled the void in providing a consistent forum for high-level, unofficial dialogue. For more than 20 years, this unique Track II approach has brought together thousands of regional leaders and experts in a setting structured for productive, off-the-record brainstorming and idea sharing. Biannual meetings average 300 participants selected from a well-established network of professionals from every country in the region, as well as Europe and the United States. Small working groups center on key policy-related subjects for the region, including Arab-Israeli issues, Gulf security, Mediterranean security, regional business and economics, technology cooperation, regional strategic cooperation, democratic culture, and media.

IGCC hosts separate, unofficial security dialogues that convene retired and active-duty military officials from the Middle East to engage on regional security issues. These meetings offer an opportunity for private discussions on specific, diplomatic concerns and space for one-on-one conversations. The project also convenes an annual public conference, supported by the Qatari government, on key economic topics in the Middle East.

In addition to these meetings, IGCC and CMED sponsor special task forces on outstanding diplomatic or development challenges, allowing participants to take advantage of timely political opportunities. The project also publishes a peer-reviewed book series from Routledge Press.

Contact

Liora Danan (ldanan@ucsd.edu).

ACTIVITIES

Enriching the Middle East's Economic
Future V
May 31–June 2, 2010
Doha, Qatar
In conjunction with the
Tenth Doha Forum



Participants at the 2010 economic forum in Doha.

ACTIVITIES

Public Officials Workshop
Carpinteria, Calif.
January 14, 2010

Public Officials Workshop
Oakland, Calif.
February 11, 2010

Public Officials Workshop
San Francisco, Calif.
April 23, 2010

Public Officials Workshop
Sacramento, Calif.
June 9, 2010

Public Officials Workshop
Visalia, Calif.
Sept. 22, 2010

Public Officials Workshop
UCLA
Oct. 14, 2010

Public Officials Workshop
UCLA
Dec. 6, 2010

Public Officials Workshop
UC San Francisco
Dec. 7, 2010

THE CALIFORNIA PUBLIC OFFICIALS INITIATIVE

With the support of the California Emergency Management Agency, IGCC trains public officials in best practices for communicating in a crisis.

The California Public Officials Initiative (CPOI) reached new levels of success in 2010. Now in its fourth year, the joint program hosted by IGCC and the California Emergency Management Agency (CalEMA) conducted training for more than 300 California public officials representing communities across the state.

The program provides public officials with crisis communications and disaster preparedness training through short workshops and full-day seminars.

2010

During 2010, the program focused on expanding its outreach to include many California cities and counties as first-time participants. Highlights include successful county-wide workshops for San Diego, Sacramento, Los Angeles, and Tulare counties, and workshops for senior elected city officials in San Francisco, Oakland, Sacramento, Long Beach, and Carpinteria.

Notable public officials who have attended trainings included Sacramento Mayor Kevin Johnson, Long Beach Mayor Bob Foster, and mayors, council members, and staff from other large and small cities. CPOI also held a full-day workshop at UCLA for regional public officials, which featured Dr. Vincent Covello, director of the Center for Risk Communication.

2011

In the coming year CPOI will expand its offerings and bring the program to Orange and Kern counties, as well as other sites throughout California.

Contact

Ryan Ellis (ryanellis@ucsd.edu).

MULTILATERAL SECURITY COOPERATION IN NORTHEAST ASIA

IGCC is working with international partners to develop multidisciplinary collaborative research on the nature, dynamics, and long-term prospects for multilateral security cooperation in Northeast Asia.

IGCC's project on "The Future of Multilateral Security Cooperation in Northeast Asia: Exploring Regional Security Architecture and the Economic-Security Nexus" is part of the John D. and Catherine T. MacArthur Foundation's Asia Security Initiative. Project goals are two-fold: 1) to develop multidisciplinary collaborative research on the nature, dynamics, and long-term prospects for multilateral security cooperation in Northeast Asia; and 2) to use this research as input in training the next generation of security practitioners and analysts in Northeast Asia.

Under the leadership of Professor T. J. Pempel (UC Berkeley), project partners at Yonsei University, the University of Tokyo, and the University of California have developed multiple research papers which are currently under revision for a combined publication.

2010

The project held two successful workshops and training sessions. The first, held June 14–15, 2010 at Yonsei University, convened some 25 experts from the United States, Japan, China, and South Korea. Papers from this meeting are now being edited for final publication in both Korean and English. This workshop was followed by a training exercise for policy practitioners from Korea, Japan, and China. Scenarios involving possible security challenges in Northeast Asia were played through with participants typically taking roles of officials from nations other than their own.

The second research workshop, held at the University of Tokyo, focused on the economic-security nexus in Northeast Asia. Again, about two dozen participants from the United States, Japan, China, and Korea participated. The workshop focused on economic peace theory, gaps between countries with economic power and those with military muscle, and the East Asian puzzle: With so many tensions in the region why have there been no shooting wars in fifty years? This workshop also was followed by a training session using scenarios.

Finally, in November, 2010, several investigators from the two projects held seminars for policymakers and political elites in Beijing, Seoul, and Tokyo. Two such seminars were held in each capital and included elected officials, defense and foreign policy planners, and journalists and opinion leaders.

Contact

Heidi Serochi (hserochi@ucsd.edu)

ACTIVITIES

Cooperation in Northeast Asia:
Architecture and Beyond
Seoul, Korea
June 14–18, 2010

The Economic-Security Nexus in
Northeast Asia
Tokyo, Japan
August 23–24, 2010



ACTIVITIES

Public Policy and Nuclear Threats
Spring Conference
Washington, D.C.
April 9–10, 2010

Public Policy and Nuclear Threats
2010 Boot Camp
La Jolla, Calif.
July 19–Aug. 8, 2010



Participants in the sixth PPNT summer training, with IGCC staff

PUBLIC POLICY AND NUCLEAR THREATS

PPNT provides a new generation of specialists with the science and policy background they need to handle nuclear policy issues inside and outside of government and the national laboratories.

Established in 2004 with the support of the National Science Foundation, the Public Policy and Nuclear Threats (PPNT) program is innovative both in its structure and the impressive combination of participating experts and fellows. The program gives students an intensive immersion into the technical and policy dimensions of nuclear weapons and proliferation challenges.

The program's foundation is the summer training program, also known as the "boot camp," where fellows learn from top policy and academic experts on nuclear security. PPNT is multidisciplinary, providing a policy classroom for both lab science and social science students and professionals. Instead of being put into separate tracks, scientists, engineers, and social science scientists study together and learn from each other's perspectives.

2010

2010 speakers included senior mentors like Marvin Adams, George Anzelon, Amb. Linton Brooks, Amb. Susan Burk, William Daitch, Michael May, Frank Miller, Brad Roberts, and Scott Sagan. One participant commented that PPNT "is such a unique program, offering a very high standard of technical, policy, and theoretical training that cannot be found elsewhere...This program should be essential for any academic, practitioner, or scientist working or looking to work in the nuclear field."

2011

In the coming year, IGCC will offer two Public Policy and Nuclear Threats programs. In March 2011, IGCC will host the annual Public Policy and Nuclear Threats Conference, which gives D.C. policy professionals the opportunity to benefit from fellows' research through presentations and discussions. The two-day meeting is organized by PPNT alumni. IGCC will again hold its annual summer boot camp at UC San Diego.

Contact

Heidi Serochi (hserochi@ucsd.edu).

IGCC currently seeks funding to support graduate student participation in PPNT. To learn more, please contact Angela Lintz (alintz@ucsd.edu).

PUBLIC POLICY AND BIOLOGICAL THREATS

IGCC's Public Policy and Biological Threats (PPBT) program has created a network of young biosecurity research and policy experts through its summer "boot camp."

PPBT began in July 2004 with a two-week intensive training program at UC San Diego funded by the Carnegie Corporation of New York. The program emphasizes bioterrorism and emerging infectious disease threats equally in a common context to analyze both policy and practical issues.

IGCC draws on medical, biological, international, and public policy expertise from across the UC system and government agencies such as the NIAID Regional Centers of Excellence in Biodefense and Emerging Infectious Diseases to present a curriculum on biological threats that combines what we know about the biological agents and infectious disease with the broader issues involved in international security policy.

PPBT has succeeded in creating a cohort of young professionals who are already making career contributions to universities and government. Under the leadership of Dr. Sam Bozzette, IGCC has prepared 81 fellows to serve as biothreat biodefense researchers and policy leaders. Of the Ph.D. students, 40 percent have completed doctorates; more than half of these hold faculty or postdoctoral positions. Of the alumni holding professional positions in 2009, 38 percent work for government agencies, including the Department of Defense, Centers for Disease Control, U.S. Agency for International Development, and the FDA.

2011

In January 2011, IGCC will host a one-day biosecurity briefing in Washington, D.C. that will feature Dr. Sam Bozzette, the project's leader, and several PPBT program alumni—biosecurity researchers and policy leaders who were mentored by the PPBT program over the years.

Contact

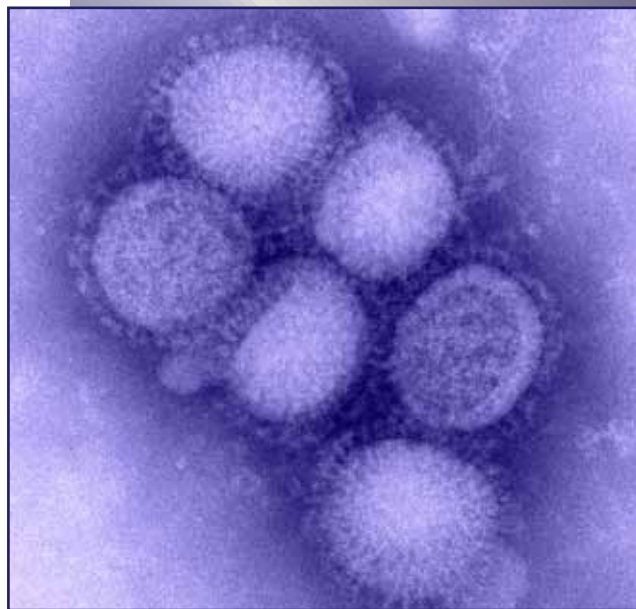
Laura Martin (lauramartin@ucsd.edu).

IGCC currently seeks funding to support graduate student participation in PPBT. To learn more, please contact Angela Lintz (alintz@ucsd.edu).



ACTIVITIES

Public Policy and Biological Threats
2009 Boot Camp
La Jolla, Calif.
July 31–Aug. 1, 2009



Swine flu and other infectious diseases can pose a global threat when they spread rapidly.



The **IGCC** Washington Forum

ACTIVITIES

The Fall of Japan's Liberal
Democratic Party
Ellis Krauss (UC San Diego)
June 23, 2010

India and Pakistan:
Continued Conflict or Cooperation?
Stanley Wolpert (UCLA)
July 29, 2010

The Anthrax Mailings Investigation
Michael Intriligator (UCLA)
Peter Katona (UCLA)
Nov. 29, 2010



*PPNT Fellows have benefited from their exposure
to the D.C. policy environment.*

IGCC IN WASHINGTON, D.C.

*IGCC's Washington office brings UC researchers and fresh ideas to
the policy community in our nation's capital.*

IGCC's Washington office, based at the University of California Washington Center (UCDC), develops programs and projects to promote closer links with the policy community and to advance new international affairs research and educational opportunities for UC faculty, graduate students, and undergraduates. Joseph McGhee, IGCC's representative in Washington, also helps set up briefings and events for faculty interested in presenting their research to the policy community.

The Washington office provides active liaison and support for IGCC's contacts in the Congress and Federal agencies, including the Departments of Defense and State, the Department of Energy and its National Nuclear Security Administration, the Defense Threat Reduction Agency, the Nuclear Regulatory Commission, the Domestic Nuclear Detection Office, the National Institutes of Health, the National Defense University, and numerous foreign embassies, academic institutions, and think tanks in the Washington area.

2010

IGCC hosted a full schedule of workshops, policy briefings, and book discussions by UC faculty and researchers through its IGCC Washington Forum. The annual winter conference for alumni and friends of the Public Policy and Nuclear Threats program in early April focused on the causes and policy choices related to emerging cases of nuclear and other WMD proliferation.

IGCC's Washington office also continued its support for UC undergraduate programs, providing counseling for resident undergraduates interested in foreign policy careers and recruiting speakers for UCDC's speaker program, including most recently Amb. Richard Miles, former U.S. Ambassador to Azerbaijan, Bulgaria, and Georgia, and Amb. John Maisto, former U.S. Ambassador to Nicaragua, Venezuela, and the Organization of American States.

2011

The next PPNT annual conference will take place at UCDC in the spring. The Washington office will also host two nuclear policy workshops funded by the Carnegie Corporation of New York. In January IGCC will host a parallel program for alumni and friends of its Public Policy and Biological Threats course.

Contact

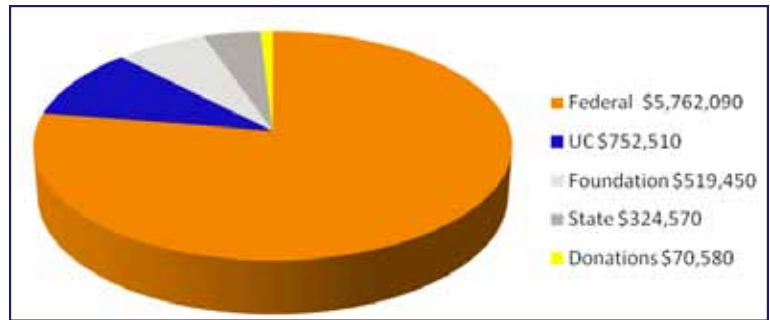
Joseph R. McGhee (joseph.mcghee@ucdc.edu).

SUPPORT FOR IGCC

IGCC depends on grants and donations to continue its vital work in global security and cooperation. Without this support, IGCC would not be able to continue its research and programs, including regional meetings on nonproliferation, counterinsurgency, and supporting the development of the next generation of security leadership through graduate training programs and fellowships.

Highlights

2010 has been another successful fundraising year. From July 1, 2009, to June 30, 2010, IGCC received \$7,429,200 in extramural funding, most of which came from multi-year grants. Notable new grants came from the Department of Energy and the Los Alamos National Laboratory to support the preparation of future nuclear security leaders in the Public Policy and Nuclear Threats Training Program.



Support from Donors

From July 1, 2009, to June 30, 2010, IGCC received gifts totaling \$70,850 from a wide variety of donors. Many were designated for particular programs, such as the Northeast Asia Cooperation Dialogue and IGCC dissertation fellowships. The largest gifts went to the IGCC Innovation Fund for security fellowships and policy work in Northeast Asia.

IGCC was particularly honored by the gifts to the Herb York Memorial Fund from the family, friends, and colleagues of IGCC Founder Dr. Herbert York (1921–2009). Dr. York inspired many through his policy and educational leadership. Among his many accomplishments, Dr. York worked on the Manhattan Project, served as U.S. ambassador and chief negotiator for the Comprehensive Test Ban negotiations in Geneva, Switzerland (1979–81), and was the founding chancellor of UC San Diego.

In the coming year, IGCC will encourage donations for dissertation fellowships in the hopes of returning to an annual, rather than biannual, award competition.

Contact

Angela Lintz (alintz@ucsd.edu).

NEW GRANTS

Carnegie Nuclear Security
D.C. Policy Series

Los Alamos National Laboratory, PPNT
DOE National Nuclear Security Administration,
PPNT

CONTINUING GRANTS

California Emergency Management Admin.
Carnegie Corporation of New York
Department of Homeland Security CREATE
Department of Defense Minerva Initiative
John D. and Catherine T. MacArthur Foundation
National Science Foundation
Naval Postgraduate School
Ploughshares Fund
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