



IGCC

2012

Year in Review

From the Director

As the new director of the University of California's system-wide Institute on Global Conflict and Cooperation (IGCC), it is an immense privilege to be in charge of one of the most vibrant and innovative centers of academic thinking on the great issues of peace, war, and development.

2012 was a busy year as IGCC carried out more than 30 conferences and workshops and two multi-week summer training programs as well as a robust schedule of lectures and briefings.

New partners included the U.S. Naval War College, which co-sponsored the SITC Conference on China and Cybersecurity, and the Institute of Nuclear Materials Management, which co-sponsored the Public Policy and Nuclear Threats Winter Conference in Washington, D.C.

A UC-wide consortium of researchers in the emerging field of Environment and Human Capital, started by IGCC and funded in part by a grant from the University of California Office of the President, held its initial workshop in January 2012. Consortium members from UC Santa Barbara (UCSB), UC Berkeley (UCB), UCLA, UC San Diego (UCSD), UC Davis, and colleagues from Columbia, Stanford, and Tulane met to set an agenda for the group's work and will meet again

in early 2013.

The initiative is led by IGCC Research Director for Environment Josh Graff Zivin.

IGCC selected its first Nuclear Science and Security Consortium fellows as part of an effort headed by UCB's Nuclear Engineering Department to train undergraduate and graduate students in the fields of nuclear physics, nuclear and radiation chemistry, nuclear engineering, nuclear instrumentation, and public policy. The multi-campus consortium was awarded \$25 million by the National Nuclear Security Administration. Five fellowships of \$20,000 each were awarded to UC students and three awards for collaborative research, programming, and education activities were awarded to faculty from UCB, UCSD, and UCSB.

IGCC's success in the most recent UC Office of the President lab fees competition led to an August 2012 award of \$1.2 million over three years to fund dissertation fellowships. The Herb York Security Fellowship Program, named for IGCC's founder, will provide stipends for approximately 42 fellows working in nine broad security-related areas: nuclear nonproliferation; terrorism; biosecurity; cyber-security; regional



and major power relations; energy and environmental security; homeland security; defense; and nontraditional and emerging security.

A major component of IGCC's mission since 1983 has been support for UC graduate students through its dissertation fellowship competition. IGCC has funded more than 500 fellows to date. Twelve fellows representing five of the campuses received funding in the 2012–13 competition. The Herb York Security Fellowship Program award will enable IGCC to continue this important work.

Around the world, researchers are looking for ways to activate Information Communications Technology networks to confound

Mobile Innovations for Security and Accountability" at UCSD. The workshop, sponsored by the Department of Defense's Minerva Research Initiative, brought together prominent researchers from six universities, NGO representatives, government policymakers, and socially-minded business executives from across the globe. Projects discussed included biometric payment systems for government welfare programs in India, the use of cell phones to monitor elections in Afghanistan and Uganda, using smartphones to better monitor low-level government officials in Pakistan, and facilitating cash transfers directly from individuals in developed nations to poor families in Kenya via cell phone.

The workshop ended with a frank discussion of the challenges to policy implementation and of the tensions between conducting rigorous research and implementing policy in places where corruption and security issues are commonplace.

Back-to-back workshops on China and cybersecurity in April 2012 sponsored by IGCC and the U.S. Naval War College invited Chinese and Western scholars and scientists to discuss the political, economic, and strategic dimensions

corrupt practices. Work by IGCC's Development and Conflict Research group evaluating the use of cell phones to monitor elections is but one example. In June 2012 the group hosted "Evaluating



of cybersecurity in China. China and the United States, the two largest economic powers in the world, depend upon global cyberspace for their economic productivity, social livelihood, and national security. Both governments and industry have become increasingly concerned about the safety and reliability of their information systems, but there remains great uncertainty about the true nature of risks and the best ways to address them. Western audiences in particular have had little exposure to Chinese perspectives and politics which influence these issues. The research findings, which are summarized in the report "China and Cybersecurity: Political, Economic, and Strategic Dimensions" span a wide variety of topics and interpretations, as should be expected from a policy issue spanning industrial regulation, law enforcement, military strategy, and civil rights concerns.

2013 will be the 30th anniversary of IGCC's founding, and the work that we do in understanding the sources of global conflict and finding ways to further cooperation is becoming even more relevant and in demand in an increasingly complex and dangerous world.

Tai Ming Cheung

Director, IGCC



IGCC



IGCC brings researchers from all ten UC campuses and the Lawrence Livermore (LLNL) and Los Alamos National Laboratories (LANL) together with U.S. and international experts to investigate and develop solutions for pressing and long-term global challenges. UC scholars work together across social science and lab science disciplines on topics such as regional security, nuclear proliferation, innovation and national security, development and political violence, and climate change.

IGCC prides itself on bridging the gap between the policy community and academic researchers to transform international policy and scholarly research. We work to enhance the visibility of the UC system through international, interdisciplinary projects and collaborations with national and international partners.

UC COLLABORATION

Since 1983, the University of California Institute on Global Conflict and Cooperation (IGCC) has generated innovative research into the causes of international conflict and cooperation. As a research unit serving 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 Dr. Tai Ming Cheung, 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 innovation studies, cybersecurity, and human

capital are complements to projects with a more traditional security focus.

IGCC has provided ongoing leadership for preventive diplomacy in the world's most troubled

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

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 500 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’S Core Research Team



Tai Ming Cheung
IGCC Director

Tai Ming Cheung is the director of IGCC and leader of IGCC’s Minerva project “The Evolving Relationship Between Technology and National Security in China: Innovation, Defense Transformation, and China’s Place in the Global Technology Order.” Cheung is a long-time analyst of Chinese and East Asian defense and national security affairs. He was based in Asia from the mid-1980s to 2002 covering political, economic, and strategic developments in greater China. He received his PhD from the War Studies Department at King’s College, London University in 2006. His latest book, *Fortifying China: The Struggle to Build a Modern Defense Economy*, was published by Cornell University Press in 2009. Cheung is an associate professor in residence at the School of International Relations and Pacific Studies at UC San Diego, where he teaches courses on Asian security and Chinese security and technology.



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

Henry D. I. Abarbanel 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 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. He was the founding director of UC San Diego’s Institute for Nonlinear Science, serving from 1986 through 2007. Since 1974, Abarbanel has been a member of JASON, a consulting group to the U.S. Government on technical matters. Abarbanel received his BS in physics from Caltech and his PhD in physics from Princeton University.



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, and economic demography. His latest publication is “Can Hearts and Minds be Bought? The Economics of Counterinsurgency in Iraq” (with Jacob Shapiro and Joseph Felter, *Journal of Political Economy*, 2011). Recent grants supporting his research have come from the Department of Defense, Department of Homeland Security, and the National Science Foundation. His book *Radical, Religious and Violent: The New Economics of Terrorism* was published in 2009 by the MIT Press. Berman received his PhD in economics from Harvard University.



Joshua Graff Zivin
Research Director for International Environmental and Health Policy

Joshua Graff Zivin is professor of economics at UC San Diego, where he holds faculty positions in the School of International Relations and Pacific Studies and the Department of Economics. He is also 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. Prior to joining UC San Diego in 2008, he was an associate professor of economics at Columbia University, where he directed the PhD program in sustainable development. Graff Zivin has published numerous articles on a wide range of topics in top economic, policy, and medical journals. His research focuses on health, environment, and development economics, frequently at their areas of intersection. He received his PhD in agricultural and resource economics from UC Berkeley.

Publication Highlights

BOOKS

- Tai Ming Cheung, ed., *China’s Emergence as a Defense Technological Power* (London: Routledge, 2012).
- T. J. Pempel, ed., *The Economic–Security Nexus in Northeast Asia* (London: Routledge, 2012).
- T. J. Pempel and Chung-Min Lee, eds., *Security Cooperation in Northeast Asia: Architecture and Beyond* (London: Routledge, 2012).
- Etel Solingen, ed., *Sanctions, Statecraft, and Nuclear Proliferation* (Cambridge: Cambridge University Press, 2012). Includes contributions by PPNT Fellows Wilfred Wan, David Palkki, and Celia Reynolds.

PAPERS/REPORTS/MONOGRAPHS

- Eli Berman, Joseph Felter, Ethan Kapstein, and Erin Troland, “Predation, Economic Activity, and Violence: Evidence from the Philippines,” NBER Working Paper, September 2012.
- Lewis Branscomb, Ryan Ellis, and Mark Fagan, “Between Safety and Security: The Policy Challenges of Transporting Toxic Inhalant Hazards,” *Journal of Homeland Security and Emergency Management* (October 2012).
- Lewis M. Branscomb and Andrew A. Rosenberg, “Science and Democracy,” *Scientist*, October 1, 2012, <http://the-scientist.com/2012/10/01/science-and-democracy>.
- Michael Callen and James D. Long, “Institutional Corruption and Election Fraud: Evidence from a Field Experiment in Afghanistan,” working paper, March 2012.
- Luke N. Condra and Jacob N. Shapiro, “Who Takes the Blame? The Strategic Impact of Collateral Damage,” *American Journal of Political Science* 56, No. 1 (January 2012): 167–87.
- Dieter Ernst and Barry Naughton, “Global Technology Sourcing in China’s Integrated Circuit Design Industry: A Conceptual Framework and Preliminary Findings,” East-West Center Economics Working Paper, August 2012.
- J. Graff Zivin and M. Damon, “Environmental Policy and Political Realities: Fisheries Management and Job Creation in the Pacific Islands,” *Journal of Environment and Development* 21 (2012): 198–218.
- Joshua Graff Zivin and Matthew Neidell, “The Impact of Pollution on Worker Productivity,” *American Economic Review* 102 (2012): 3652–73.
- Lindsay Heger, Danielle Jung, and Wendy Wong, “Organizing for Resistance: How Group Structure Impacts the Character of Violence,” *Terrorism and Political Violence* 24 (2012): 743–68.
- Jon Lindsay, “China and Cybersecurity: Political, Economic, and Strategic Dimensions,” conference report, April 2012.
- Jon Lindsay and Roger Petersen, *Varieties of Insurgency and Counterinsurgency in Iraq, 2003–2009*. CIWAG Case Study (Newport, RI: U.S. Naval War College, 2012).
- Nils B. Weidmann and Michael Callen, “Violence and Election Fraud: Evidence from Afghanistan,” *British Journal of Political Science* (August 2012): 1–23.
- Jianwei Zhuge, Gu Liang, and Duan Haixin, “Investigating China’s Online Underground Economy,” IGCC Working Paper, July 2012

POLICY BRIEFS

- Hanlu Lu, SITC Policy Brief 30: The Chinese Chang’e Lunar Exploration Project and Its Management Structure, July 2012.
- SITC-NWC Policy Briefs: Changing Military Dynamics in East Asia: Grand Strategic and Technological Drivers and the Implications for U.S. and Regional Security, June 2012.
- This series of 12 briefs produced in collaboration with the Naval War College explores evolving grand strategies in East Asia, including that of the United States, and the implications of China’s growing military technology capabilities. Briefs are available at igcc.ucsd.edu/SITC.

2012-13 IGCC Funding Awardees

IGCC Dissertation Fellows

Ted Biggs
Political Science, UC San Diego
Proposal Title: Fluid Lines and Fluid States: Modern Maritime Piracy in Southeastern Asia’s Malacca Strait

Cameron Brown
Political Science, UC San Diego
Proposal Title: Cease-Fires Versus Peace Accords: The Reluctance of Belligerents to Make Formal Concessions

Peter Dixon
Sociology, UC Berkeley
Proposal Title: Les Chevres des Violées: Professional Fields, Local Elites, and the Production of Justice

Matthew Gottfried
Political Science, UCLA
Proposal Title: The Origin and Consequences of Public Opinion in Coercive Terrorist Crises

Diego Grijalva
Economics, UC Irvine
Proposal Title: Ideological Entrepreneurs and the Rise of Democracy

Katherine Kenny
Sociology, UC San Diego
Proposal Title: Governing Global Health: The Framework Convention on Tobacco Control and the Global Tobacco Epidemic

Dov Levin
Political Science, UCLA
Proposal Title: George Washington Must Go: The Causes and Effects of Great Power Electoral Interventions

Tracy Lin
Political Science, UC Davis
Proposal Title: Foreign Health Aid and the Health of Nations

George (Lee) Mackey
Urban Planning, UCLA
Proposal Title: Brazil and the Rise of Emerging Donors in Latin America

Jonathan Markowitz
Political Science, UC San Diego
Proposal Title: When and Why Leaders Project Power

Siobhan O’Neil
Political Science, UCLA
Proposal Title: Dealing with the Devil? Strategic Negotiations Between States and Terrorist Groups

Ben Oppenheim
Political Science, UC Berkeley
Proposal Title: The Consequences of State Failure

IGCC International Nuclear Security Dissertation Fellows

Funded by the National Nuclear Security Association via the National Science and Security Consortium

Joslyn Barnhart
Political Science, UCLA
Proposal Title: Prestige and Humiliation in International Affairs

Jeffrey Kaplow
Political Science, UC San Diego
Proposal Title: Proliferation, International Conflict, and the Stages of Nuclear Development

Jeffrey Kwong
Political Science, UC San Diego
Proposal Title: Bargaining Through Cyber Attacks: Implications for Global Cooperation and Nuclear Security

Rupal Mehta
Political Science, UC San Diego
Proposal Title: Deproliferation Dynamics: Why States Give Up Nuclear Weapons Programs

Amy Nelson
Political Science, UC Berkeley
Proposal Title: Improving the Efficacy of Arms Control: From Risk Reduction to Uncertainty Management

IGCC Faculty Grants

Dr. Malcom Potts
School of Public Health, UC Berkeley
Project Title: Climate Change, Food Security, and Population in the Sahel

Dr. Eric Stover
School of Law, UC Berkeley
Project Title: Hiding in Plain Sight: The Politics of Pursuing War Crimes Suspects from Nuremberg to 9/11

Dr. Yuhki Tajima
Political Science, UC Riverside
Project Title: In the Shadow of War: The Political Economy of Peacebuilding

Dr. David Winickoff
Center for Science, Technology, Medicine & Society, UC Berkeley
Project Title: Science Governance and Risk Futures: Upstream Regulation in Synthetic Biology and Geoengineering

Nuclear Collaborative Research Grants/Nuclear Campus Programming and Educational Grants

Funded by the National Nuclear Security Administration via the Nuclear Science and Security Consortium

Nuclear Collaborative Research Grants

Dr. Neil Narang
Political Science, UC Santa Barbara

Dr. Erik Gartzke
Political Science, UC San Diego
Project Title: Nuclear Alliance Politics: Exploring the Credibility of Nuclear Umbrellas

Nuclear Campus Programming and Educational Grants

Dr. Bethany Goldblum
Nuclear Engineering, UC Berkeley
Project Title: An Educational Program to Address the Role of Nuclear Forensics in Counterterrorism Policy

Dr. Erik Gartzke
Political Science, UC San Diego
Project Title: Building the Next Wave of Nuclear Security Cadres

Cooperation with the National Laboratories

IGCC has a long history of collaboration with the Lawrence Livermore (LLNL) and Los Alamos (LANL) National Laboratories. 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 cybersecurity.



The connection with graduate training is especially strong. IGCC, LLNL, and LANL were awarded a \$1.2 million UC Office of the President grant in 2012 to provide graduate fellowships. The labs also work with IGCC on the Public Policy and Nuclear Threats Training Program (PPNT). Lab personnel participate as participants and speakers. Many PPNT alumni were interns at LLNL or LANL during their years of graduate study.

IGCC serves as a channel for the labs to access the social science expertise on the campuses, and for the UC community to make important scholarly connections with the labs. LLNL Director Penrose “Parney” Albright visited IGCC in July to give the Second Annual Herb York Memorial Lecture. IGCC also arranged for LLNL scientists Zachary Davis, senior fellow at the Center for Global Security Research, Celeste Matarazzo, a data science expert in the Computation Directorate, and Bruce Warner, principal associate director of global security, to meet with UC San Diego faculty and students in a day-long visit in November.

In the next year IGCC will work closely with the labs on several projects. The first round of Herbert F. York Global Security Dissertation Fellowships will be awarded in June to UC PhD candidates conducting 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. The fellows will share their work at a forum hosted by LLNL and LANL.

IGCC researchers and scientists from LLNL will work together on “Assessing China’s Efforts to Become a Global Leader in High-Performance Computing.” Funding provided through the labs for “Using Cell Phones to Reduce Corruption in Livestock Extension Services,” a project to refine and evaluate a cell phone–based monitoring program, has been leveraged into another grant that will enable extension of the original project.

Parney Albright, Director of the Lawrence Livermore National Laboratory, 2nd annual Herbert York Memorial Lecture

2012 Events

Herb York Memorial Lecture
The Role of National Laboratories in U.S. National Security and Technological Innovation

Speaker: Parney Albright
La Jolla, California
July 18

The State of U.S. Leadership in Science, Technology, and Innovation for National Security
Moderator: Tai Ming Cheung

Panelists: Parney Albright, Henry Abarbanel, Jacques Gansler, Richard Garwin, Irwin Jacobs
La Jolla, California
July 18

The National Security Missions of Lawrence Livermore National Laboratory and the Role of Social Science

Speaker: Zachary Davis
La Jolla, California
November 13

Rethinking Computer and Information Security: Views from One of the Country’s Leading Institutions on Cyber-security

Speaker: Celeste Matarazzo
La Jolla, California
November 13

LLNL: An Introduction and Opportunities for UCSD Students and Faculty

Speaker: Bruce Warner
La Jolla, California
November 13

Innovation and Technology in China

2012 Events

Winter/Spring

Assessing the State of China's Civilian and Defense Science and Technology Capabilities
Livermore, California
January 4

The Military and Geo-Strategic Implications of China's Rise as a Global Technological Power
Washington, D.C.
January 25–26

China Minerva Scholars Conference: Research on Chinese Security and Technology by Emerging Scholars and Analysts
Washington, D.C.
January 27

China's National Security Policymaking Capacity
Speaker: David Finkelstein
La Jolla, California
February 1

Workshop Comparing Chinese and U.S. Innovation Competitiveness
La Jolla, California
March 22–23



China's Defense Science, Technology, and Industrial Base conference



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 Tai Ming Cheung, examines China's drive to become a world-class technological power, especially in the defense and dual-use sectors, and seeks to understand the implications for the United States and the rest of the world. One of the central research problems is to identify, understand, and measure the key sources of innovation, broadly defined, and the barriers that will shape China's technological development trajectory.

To address this overarching question, the project looks in detail at a number of areas from the roles and relationship between the state and market, China's place in the global technology order, governance regimes and incentive mechanisms, and the different elements of the innovation ecosystem to the inter-relationship of the civilian and defense economies. A relational database supports quantitative and network analysis of data from the project.

The project is organized into six research topics:

1. annual assessments of the reform and modernization of critical sectors in China's defense and dual-use science, technology, and innovation (STI) base;
2. comparison of China's approach to technology development, defense industrialization, and forging of a dual-use base with peer competitors and latecomers;
3. analysis of the political economy of China's defense science and technology (S&T) and technological rise;
4. China's technological development and implications for U.S. and international technology trade policies;
5. the structures, processes, and leadership of the Chinese civilian and defense S&T systems; and
6. historical influences on contemporary Chinese grand strategic thinking on S&T.

2012

The annual Summer Training Workshop on the Relationship Between National Security and Technology in China provided training for 24 doctoral students, junior faculty, practitioners, and policy analysts. A particularly noteworthy feature of these workshops was the extensive presence of attendees from China, with scholars and policy analysts

from the Chinese Academy of Sciences, Chinese Academy of Science and Technology for Development, Tsinghua University, and the National University of Defense Technology.

Additional training workshops were held in Washington, D.C., the Pacific Surface Fleet Headquarters, and Lawrence Livermore National Laboratory.

SITC investigators also gave briefings to senior leadership at the Department of Defense (DoD), the Defense Advanced Research Projects Agency (DARPA), Northrop Grumman, and the national security community. These were intended to provide DoD decision-makers access to the latest academic research on key developments and trends in the Chinese national and defense STI systems and their possible effects on the United States.

2013

The fourth training workshop will take place in July in conjunction with conferences on the organizational makeup, decision-making processes, and relational networks of the civilian and defense S&T systems, and an in-depth analysis of Chinese and U.S. approaches to S&T decision-making. A conference on historical influences on contemporary Chinese grand strategic thinking on S&T is also planned.

A current list of SITC publications and access to SITC policy briefs can be found at igcc.ucsd.edu/SITC.

Contact

Kevin Pollpeter (kpollpeter@ucsd.edu)



July 2012 Third Summer Training Workshop on the Relationship Between National Security and Technology in China participants



IGCC Director Tai Ming Cheung, The Structure, Process, and Leadership of the Chinese Science and Technology System conference

2012 Events

Summer/Fall

Third Summer Training Workshop on the Relationship Between National Security and Technology in China
La Jolla, California
July 9–30

The Structure, Process, and Leadership of the Chinese Science and Technology System
La Jolla, California
July 16–17

China's Defense Science, Technology, and Industrial Base
La Jolla, California
July 19–20

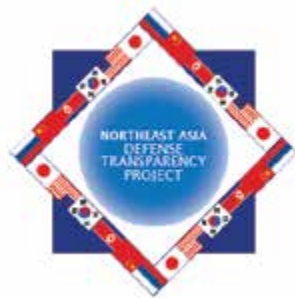
China's High-Tech Trade and Investment with Major Partners: Channels and Implications
La Jolla, California
July 23–24

Rich Region, Strong States: The Political Economy of Security in Asia
La Jolla, California
November 4–5

Northeast Asia Defense Transparency

2012 Events

Japanese Approaches to Defense Transparency and the Lessons for Northeast Asia
Tokyo, Japan
February 24-27



The Northeast Asia Defense Transparency Project promotes greater transparency and confidence building among defense establishments in Northeast Asia.

Improving trust and confidence in Northeast Asia has never been as urgently needed or as challenging to undertake as

in today's volatile security environment and evolving strategic balance. A root cause of this uncertainty, mistrust, and spiraling tensions is the lack of transparency about security intentions and military capabilities. There are, however, few internationally agreed upon definitions, standards, and methodologies about what defense transparency should be, how it should be measured, and how much is enough.

2012

We continued to update our Defense Transparency Index, which measures transparency among six states in and around Northeast Asia in eight areas: disclosures of defense white papers, website information, reporting to the United Nations, openness of defense budgets, legislative oversight, robustness of press independence, disclosure on cyber activities, and reporting of international military activity.

A workshop on Japanese Approaches to Defense Transparency and the Lessons for Northeast Asia was held in Tokyo in March, where a diverse group of experts from the Japanese defense establishment, national media, political process, academia, and defense-related think-tanks as well as leading foreign experts on defense transparency from China, the Republic of Korea, the United States, and Europe convened. The workshop was funded by the Japan Foundation Center for Global Partnership and the Canon Institute for Global Studies.

Contact

Tai Ming Cheung (tcheung@ucsd.edu)

International Cooperation on Cybersecurity

2012 Events

Conference on the Political Economy of Cybersecurity in China
La Jolla, California
April 9-10

Conference on China and Cybersecurity, co-sponsored by the U.S. Naval War College
La Jolla, California
April 11-12

IGCC and partners are exploring the new global commons of cyberspace and its associated security risks.

The growth of a powerful, ubiquitous, cyber infrastructure has propelled innovation of enormous value for the national and global economy and society. The mélange of software, hardware, and digital data now comprise a critical infrastructure upon which the smooth functioning of essential sectors such as defense, banking, utilities, transportation, and health depend.

While providing dramatic societal benefits, this mix has also created a major and growing complex of risks for the United States and many other nations around the world. The health of cyberspace is particularly important to the two largest economic powers in the world, China and the United States, but these two nations have different perspectives on the nature of risks to and through cyberspace and the ideal policies for regulating their information networks. Uncertainty and debate about the strategic implications of cybersecurity—whether it is a revolutionary development like the advent of nuclear weapons or an evolutionary modification of politics-as-usual—and about the future of China's rise—whether it portends contestation or stability for the international system—combine to create an exceptionally complex policy space.

IGCC and partners at the Naval War College, UC San Diego, and Lawrence Livermore National Laboratory (LLNL) have launched several projects to further research into cyber threats.

2012

Two conferences brought together a vibrant and interdisciplinary mix of scholars, computer scientists, and policy analysts from China, the United States, and United Kingdom. The first focused on the political and economic factors that inform China's civilian cybersecurity strategy and policy. The second examined the national security dimension, focusing on military and intelligence topics. The combined report "China and Cybersecurity: Political, Economic, and Strategic Dimensions," which summarizes the key findings of the conferences, was cited in the U.S.-China Economic and Security Review Commission 2012 Report to Congress.

The IGCC working paper "Investigating China's Online Underground Economy" (Zhuge Jianwei, Gu Liang, and Duan Haixin, July 2012) explores how China's online underground economy is structured, describing four distinct value chains in the Chinese online criminal ecosystem and assessing the overall size of the illicit economy in Chinese cyberspace. While there has been much research on cybercrime in the United States, and Europe, this is the first rigorous empirical assessment of the situation in China.

Contact

Jon Lindsay (jrlindsay@ucsd.edu)

Development and Conflict Research

2012 Events

Empirical Studies of Conflict
2012 Research Conference
Stanford University
June 6

Evaluating Mobile
Innovations for Security and
Accountability Workshop
La Jolla, California
June 8–9



Afghan women training to give field surveys

Understanding the political economy of terrorism and insurgency has immediate applications in the world’s trouble spots.

The Development and Conflict Research (DACOR) project, led by IGCC Research Director Eli Berman with partners at Princeton, Stanford, Yale, and UC Berkeley, implements a broad program of theoretical, empirical, and field research on terrorism, insurgency, governance, and development in key locations around the world. DACOR is multidisciplinary, bringing together economists, political scientists, military personnel, and development practitioners.

2012

In 2012 DACOR researchers achieved the program’s first major goal: to elucidate and empirically test a theory of economic and political development that can help stabilize a conflict or post-conflict zone. Lessons from that research are now being disseminated in academic publications and will soon be available in a form accessible

to policymakers and practitioners. Project researchers next seek to refine that theory by understanding the role of improved governance in stabilization.

Their second goal is to fully understand conditions under which traditional development programs can meet their human development goals (as opposed to stabilization) in conflict and post-conflict environments.

With these goals in mind, in the past year DACOR researchers have traveled to the Philippines, Afghanistan, Pakistan, Somalia, Ethiopia, and Kenya to initiate research programs with local partners, meet with government officials and local NGOs, conduct surveys, and gather data.

Much of DACOR’s work requires technical innovation. For example, an IGCC postdoc implemented the first representative survey of Mogadishu, Somalia, in more than two decades, with the goal of measuring security and access to food and services at the neighborhood level. The project leveraged recent advances in technology to overcome the security challenge. A representative sample was derived through high-resolution satellite imagery, survey teams were tracked with passive GPS, and the survey responses were recorded and transmitted via mobile phone.

In June, IGCC hosted a workshop on Evaluating Mobile Innovations

for Security and Accountability. The workshop was a gathering of prominent researchers from six universities, NGOs, and government policymakers, and socially-minded businessmen and women from across the globe who have started projects that use mobile technology to improve the political accountability of local elected officials and to foster citizen political involvement.

2013

A February workshop on Transforming Security Research will gather an “all-star” team of researchers across countries and disciplines to understand a rapidly changing security environment, compare diverse approaches in security research, and seek out synergies.

Upcoming projects in Pakistan and Afghanistan will assess how technology might improve governance in poorly governed spaces. One team will evaluate whether the use of cell phones can reduce corruption and improve outcomes in the Pakistani livestock sector. Another will assess the implementation of mobile salary payments and mobile savings accounts in Afghanistan as a development tool. These innovative projects, if successful, will provide practical advice to governments and development practitioners on how to improve the lives of citizens in contested areas.

Contact

Katherine Levy (levyk@ucsd.edu)



Ugandan enumerators training to monitor elections



Ugandan election monitoring application with fake splash screen for enumerators’ protection

Environment and Health in a Global Context

2012 Events

Environment and Human Capital
Working Group Inaugural Meeting
La Jolla, California
January 19–21

Inter-Disciplinary Workshop on
the Management, Economics,
and Biology of Transferable Effort
Rights-Based Management
Bilbao, Spain
September 17–20

IGCC’s research on international environmental policy and health issues acknowledges their inherently transboundary nature.

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, the program’s current research covers transboundary environmental issues such as ozone depletion, water scarcity, and health concerns resulting directly from climate threats. Recent program activities have focused on sustainable fisheries and climate impacts on human capital and global water resources.

2012

In collaboration with the UC Center for Energy and Environmental Economics, Center for Environmental Economics, and the UC Office of the President Office of Research and Graduate Studies, IGCC launched the Climate, Environment, and Human Capital Working Group. In winter 2012, IGCC hosted the first working group meeting, which brought scholars together to refine methodologies, create core data, and develop a framework for international comparative analysis.

Ongoing work on sustainable tuna fisheries has addressed: 1) the causes of overcapacity and how to control it; 2) rights-based management and allocation; 3) effective monitoring, compliance, and enforcement tools; and 4) the design of international agreements to ensure sustainable global fish stocks while providing fair access to the fisheries. The latest meeting of the group in September in Bilbao, Spain, focused on the research and incentives necessary for sustaining rights-based fishery management agreements.

Other research led by Graff Zivin focuses 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.

2013

IGCC, the Potsdam Institute for Climate Impact Research, and the Grantham Institute for Climate Change in London are launching a climate impact research and policy network to address a major lacuna in international cooperation on climate change. In spring 2013, IGCC will convene the inaugural meeting of the network through the Water Issues in Climate Change Symposia. Initial work will assess the state of knowledge in the field across disciplines and explore areas of collaboration that could advance research on climate change and the hydrologic cycle while feeding vital information to the policy community.

Contact

Angela Lintz (alintz@ucsd.edu).

The Middle East Regional Security Program

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 and Israeli-Palestinian issues, Gulf security, Mediterranean security, regional business and economics, technology cooperation, regional strategic cooperation, democratic culture, gender, and media.

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. Four edited volumes have been published to date: *The Struggle over Democracy in the Middle East: Regional Politics and External Policies* (2009); *Women in the Middle East and North Africa: Agents of Change* (2010); *The Israeli-Palestinian Conflict: Parallel Discourses* (2011); and *Gender and Violence in the Middle East* (2011).

Contact

Mani Jad (mjad@international.ucla.edu)

2012 Events

Enriching the Middle East’s
Economic Future VII
Doha, Qatar
May 20–22

(In conjunction with the
Twelfth Doha Forum)



Steven Spiegel, UCLA professor, speaking at the 12th annual Doha Forum, Doha, Qatar

The Northeast Asia Cooperation Dialogue

2012 Events

Northeast Asia Maritime Safety Cooperation Project
Dalian, China
September 24–25

Defense Information Sharing Project
Dalian, China
September 26

Northeast Asia Cooperation Dialogue 23
Dalian, China
September 27–28



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.

IGCC’s Northeast Asia Cooperation Dialogue (NEACD) was created in 1993 to build an institutional mechanism for dialogue and communication in Northeast Asia and to minimize tension and foster cooperation in the region. Officials and academics from the six NEACD countries (China, Russia, North and South Korea, Japan, and the United States) have enthusiastically participated in its annual meetings. Founded and led by IGCC Director Emeritus 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.

2012

NEACD’s twenty-third meeting in Dalian, China, demonstrated its continued value as an informal forum for dialogue amid ongoing strained relations in Northeast Asia. The meeting took place as territorial disputes flared up between China and Japan and tensions with North Korea remained high. Topics covered in the plenary and the accompanying Defense Information Sharing forum included nationalism and its impact on bilateral cooperation; how to enhance strategic trust between the United States and China; maritime issues, with panels on naval strategies and force structures and Chinese lessons learned from anti-piracy operations and recent joint exercises with Russia; and how to enhance defense transparency among Northeast Asian countries.

As a direct result of previous NEACD discussions, IGCC launched the new Northeast Asia Maritime Safety Cooperation Project in Dalian. The meeting included discussion of internal coordination,

information sharing, and examples of regional maritime cooperation, and was a good first step in bringing key maritime players together for unofficial discussions.

Contact

Laura Martin (lauramartin@ucsd.edu)



Northeast Asia Cooperation Dialogue 23

The California Public Officials Initiative

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

The California Public Officials Initiative (CPOI) was created by IGCC and the California Emergency Management Agency (CalEMA) to address a need in the field of disaster training to enhance the ability of senior elected and appointed officials to be more effective in times of emergency. The program provides public officials with crisis communications and disaster preparedness training through short workshops and full-day seminars. Now in its sixth year, CPOI has reached new levels of success, conducting training for more than 300 California public officials representing communities statewide.

2012

During 2012, the program focused on expanding its outreach to include many California cities and counties as first-time participants. Highlights include successful joint workshops within Marin, Santa Clara, Riverside, and San Bernardino counties, and workshops for senior elected city officials in Temecula, City of Campbell, Santa Cruz, San Rafael, and Cupertino.

Notable public officials who have attended trainings include Sacramento Mayor Kevin Johnson, Long Beach Mayor Bob Foster, Carson Mayor Jim Dear, Santa Cruz Mayor Don Lane, and mayors, council members, and staff from other large and small cities. CPOI also held a full-day workshop in Sacramento for regional public officials, which featured Dr. Vincent Covello, director of the Center for Risk Communication, and a preconference workshop in Palm Springs for the statewide Public Information Officers Conference, which featured Kelly Huston, assistant secretary of CalEMA.

2013

In the coming year, CPOI will expand its offerings and take the program to Riverside, Los Angeles, Orange, and Kern counties, as well as other sites throughout California. The program anticipates it will obtain Department of Homeland Security (DHS) certification through CalEMA, thereby broadening the reach of crisis communications and disaster preparedness training to public officials nationwide with DHS funding support for attendees.

Contact

Connie Chan (cvc001@ucsd.edu)

2012 Events

CalEMA Public Officials Workshops:

Temecula, California
February 16

South Bay, California
February 24

San Leandro, California
February 27

Santa Cruz, California
May 14

San Rafael, California
June 12

Cupertino, California
September 26

Santa Cruz, California
October 4

San Bernadino, California
October 11

San Bernadino, California
October 19

CalEMA Risk and Crisis Communications Workshop
Sacramento, California
March 28

The Totally Unprepared Program



With the support of the California Emergency Management Agency and the California Safety Seismic Commission, IGCC raises public awareness about earthquake risks and preparedness activities.

The Totally Unprepared (TU) program broke new ground in preparedness media in its first year, using social media, online content, and mobile applications to raise awareness and expand the resources available to California residents for earthquake preparedness. Focusing on a public with low levels of disaster preparedness that often tunes out traditional messaging approaches, TU effectively engages people to help themselves, their families, and communities become more prepared for earthquakes in California.



Jeanne Feeney, Natomas Charter School science and technology teacher, demonstrates earthquake damage using gingerbread houses. Feeney submitted the gingerbread video to the Totally Unprepared website.

2012

The TU program has created a public awareness campaign that includes a unique website, preparedness brochures in multiple languages, blogs, and the creative video series “Totally Unprepared” and “Will It Shake?,” produced in collaboration with KPBS and California Public Radio and TV. The earthquake readiness campaign won awards in 2012, including the California State Information Officers Council “Silver Award,” which recognized CalEMA’s overall social media efforts to reach out to all Californians and encourage changes in their preparedness practices, and an honorable mention for “Best Media Campaign,” recognizing TU and CalEMA for partnering with KPBS

to take its shows to twelve public media outlets across the state. The “Will It Shake?” video series also won an Award of Excellence in the Online Video category and Awards of Distinction in the Nonprofit and Viral categories for online video and integrated campaigns at the 18th annual Communicator Awards.

2013

A series of outreach efforts, increased public relations and partner recruitment, and digital outreach, including website refinement and mobile applications, will focus on expanding to populations traditionally at greater risk during emergencies. Existing public media partners, the Red Cross, and specialized media organizations such as New America Media and statewide local print and broadcast outlets will increase TU’s reach to traditionally unprepared Californians, helping them to become more ready for earthquakes, fires, and other emergencies.

Contact

Connie Chan (cvc001@ucsd.edu)

Multilateral Security Cooperation in NE Asia

The nature, dynamics, and long-term prospects for multilateral security cooperation in Northeast Asia are elucidated in two new collaborative works.

“The Future of Multilateral Security Cooperation in Northeast Asia: Exploring Regional Security Architecture and the Economic-Security Nexus,” sponsored by the John D. and Catherine T. MacArthur Foundation’s Asia Security Initiative, successfully concluded in September 2012. The project focused on two major research topics in its two inter-related subjects: security architecture to enhance multilateral security cooperation and economic development and its interaction with security relations.

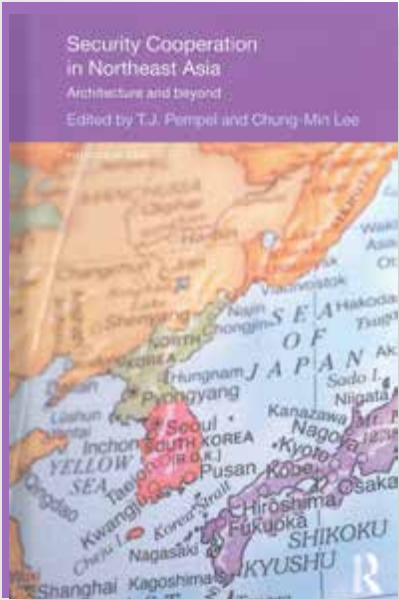
Under the leadership of Professor T. J. Pempel (UC Berkeley), project partners at Yonsei University, the University of Tokyo, and the University of California have produced two edited volumes: *Security Cooperation in Northeast Asia: Architecture and Beyond* (Routledge, 2012); and *The Economy–Security Nexus in Northeast Asia* (Routledge, 2012). Contributors to the books include scholars from the United States, China, South Korea, and Japan. Project publications also include the Security Cooperation in Northeast Asia Policy Briefs, a collection of 15 short analyses available on the IGCC website.

Over the course of the project, organizers held four successful conferences with international partners and two training programs for early-career security practitioners and analysts in Northeast Asia and the United States. Research findings were disseminated to key decision-makers and politicians through policy briefings in Washington, D.C., Tokyo, Seoul, and Beijing.

Project leader Pempel has summarized the academic and policy impacts of the project as noteworthy in two areas. First, the edited volumes have helped to foster a deeper and more collaborative knowledge of regional security issues on both sides of the Pacific. It is anticipated that the volumes will inform new thinking about these issues across a broad range of scholars. Second, the policy briefs, combined with the direct policy briefings and training sessions, should help to shape official thinking and approaches to issues on the daily docket of regional policymakers, especially the positive implications of both regional security institutions and economic interdependence as ways to avoid the security dilemmas that have so easily led to state-to-state conflicts in the past.

Contact

T.J. Pempel (pempel@berkeley.edu)



Edited volumes produced in conjunction with the project

Public Policy and Nuclear Threats

2012 Events

Public Policy and Nuclear Threats Winter Conference
UC Washington Center,
Washington, D.C.
February 6–7

IGCC Nuclear Security D.C. Policy Series IAEA Governance and Reform
UC Washington Center
Washington, D.C.
February 24

The Consequences of Nuclear Posture, Policy, and Strategy project planning meeting
La Jolla, California
March 31

Public Policy and Nuclear Threats 2012 Boot Camp
La Jolla, California
August 5–August 25



Participants in the eighth summer Public Policy and Nuclear Threats Boot Camp learn to use a radiation detector

PUBLIC POLICY AND NUCLEAR THREATS TRAINING THE NEXT GENERATION

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 in 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. Its foundation is the summer training “boot camp,” where fellows learn from top policy and academic experts. PPNT provides a multidisciplinary policy classroom for both lab science and social science students and professionals, and boasts a network of nearly 200 alumni, many of whom come together at the annual winter conference.

IGCC is also a member of the Nuclear Science and Security Consortium (NSSC), a network coordinating coursework and experience from student to scientist to identify and educate laboratory-integrated nuclear experts.

2012

The eighth summer boot camp at UC San Diego provided participants with formal and informal discussions with senior nuclear policy mentors such as PPNT’s expert-in-residence Ambassador Linton Brooks and speakers such as Assistant Secretary Thomas Countryman, Deputy Assistant Secretary of Defense Brad Roberts, Huban Gowadia from the Domestic Nuclear Detection Office, Olli Heinonen of the Belfer Center, and Laura Rockwood, IAEA. The national labs were represented by scientists from the Idaho, Lawrence Livermore, and Los Alamos National Laboratories.

The annual PPNT conference, which gives D.C. policy professionals the opportunity to learn from fellows’ research, was held in February at the UC Washington Center. “Reducing the Risk from Radioactive and Nuclear Materials” was co-sponsored by the Institute for Nuclear Materials Management and was attended by more than 100 people, including 40 PPNT summer boot camp alumni.

2013

The annual conference is scheduled for March, and the summer boot camp at UC San Diego will be in August.

Contact

Laura Martin (lauramartin@ucsd.edu)

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

IGCC in Washington, D.C.



IGCC brings new research to inform U.S. policy debates through workshops and talks at the UC Washington Center and briefings at government agencies.

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 UC faculty interested in presenting their research to the policy community.

The office provides active liaison and support for IGCC’s contacts in 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.

2012

IGCC hosted several workshops, policy briefings, and book discussions by UC faculty and researchers through its IGCC Washington Forum as well as the IGCC Nuclear Security D.C. Policy Series and the PPNT winter conference.

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.

2013

The next PPNT winter conference will take place at UCDC in March. The IGCC Washington Forum will feature IGCC Research Director Eli Berman in February and the annual Development and Conflict Research (DACOR) funder meeting in May.

Contact

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

2012 Events

Ending Poverty through Education: New Evidence from India and Africa
Organized by the Center for Effective Global Action
UC Washington Center
Washington, D.C.
March 2

Does Trade Proposal Protect Tobacco Controls?
Speakers: Ellen R. Shaffer (CPATH), Robert Stumberg (Harrison Institute, Georgetown Law), and Benn McGrady (O’Neill Institute, Georgetown Law)
UC Washington Center
Washington, D.C.
June 8

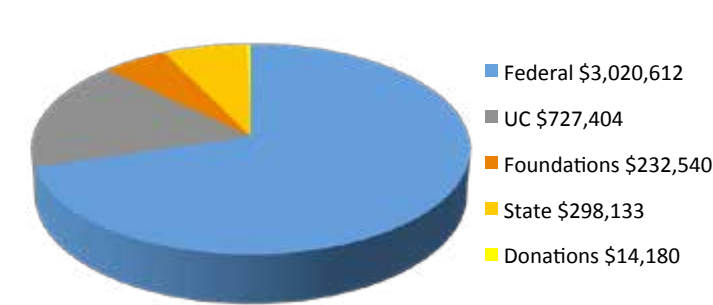
The Logic of Violence in Drug Wars: Cartel-State Conflict in Mexico, Brazil and Colombia
Speaker: Benjamin Lessing (UC Berkeley)
Discussant: Vanda Felbab-Brown (Brookings)
UC Washington Center
Washington, D.C.
June 12

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

2012 was another successful fundraising year. From July 1, 2011 to June 30, 2012, IGCC received \$3,551,285 in extramural funding, most of which came from multi-year grants. Notable grants came from the University of California Office of the President, the Near East South Asia/Center for Strategic Studies, and the Department of Defense, Army Research Office to support the Northeast Asia security and maritime research and policy programs. Federal grants totaled \$3,020,612. Foundation grants totaled \$232,540. State grants totaled \$298,133.



Support from Donors

From July 1, 2011 to June 30, 2012, IGCC received gifts totaling \$14,180 from a variety of donors. \$8,500 in gifts to the Innovation Fund went to Development and Conflict Research (DACOR) and the Study of Innovation and Technology in China. Many were designated for particular programs such as the Northeast Asia Cooperation Dialogue and IGCC dissertation fellowships.

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. The York Fund is dedicated to security dissertation fellowships. From July 1, 2011 to June 30, 2012, donors made \$5,680 in contributions to the York Fund.

Contact

Angela Lintz (alintz@ucsd.edu)

New Grants

University of California Office of the President Lab Fee Competition

National Science Foundation

Near East South Asia Center for Strategic Studies

Continuing Grants

DOE National Nuclear Security Administration

Department of Homeland Security

Department of Defense Minerva Initiative and Middle East Regional Security Programs

Japan Foundation

John D. and Catherine T. MacArthur Foundation

Domestic Nuclear Detection Office via Los Alamos National Laboratory

University of California Office of the President

Steering Committee

CHAIR

Prof. T. J. Pempel
Charles and Louise Travers
Dept. of Political Science
UC Berkeley
pempel@berkeley.edu

UC BERKELEY

Prof. Federico Finan
Dept. of Economics
ffinan@econ.berkeley.edu

UC DAVIS

Prof. Miroslav Nincic
Dept. of Political Science
mnincic@ucdavis.edu

UC IRVINE

Prof. Patrick Morgan
Dept. of Political Science
pmmorgan@uci.edu

UCLA

Prof. Robert Trager
Dept. of Political Science
rtrager@ucla.edu

UC MERCED

Prof. Haifeng Huang
School of Social Sciences,
Humanities, and Arts
hhuang28@ucmerced.edu

UC RIVERSIDE

Prof. Anil Deolalikar
Dept. of Economics
anil.deolalikar@ucr.edu

UC SAN DIEGO

Prof. Erik Gartzke
Dept. of Political Science
egartzke@ucsd.edu

UC SAN FRANCISCO

Prof. Ian Whitmarsh
Anthropology, History,
and Social Medicine
whitmarshl@dahsm.ucsf.edu

UC SANTA BARBARA

Prof. Alison Brysk
Global and International
Studies
abrysk@global.ucsb.edu

UC SANTA CRUZ

Prof. David Belanger
Physics Dept.
dave@dave.ucsc.edu

LAWRENCE LIVERMORE

NATIONAL LABORATORY
Dr. Zachary Davis
davis126@llnl.gov

LOS ALAMOS NATIONAL

LABORATORY
Dr. Joseph Pilat
jpilat@lanl.gov

Campus Program Offices

UC BERKELEY

Institute of International Studies

Director: Prof. Pradeep Chhibber
chhibber@berkeley.edu
Executive Director: Mr. Harry Kreisler
kreisler@globetrotter.berkeley.edu
globetrotter.berkeley.edu

UC DAVIS

Institute of Governmental Affairs

IGA Director: Prof. Robert Huckfeldt
rhuckfeldt@ucdavis.edu
IGA Associate Director: Jean Stratford
jsstratford@ucdavis.edu
www.iga.ucdavis.edu

UC IRVINE

Global Peace and Conflict Studies

Director: Prof. Laura Mitchell
mitchell@uci.edu
www.socsci.uci.edu/gpacs

UCLA

Burkle Center for International Relations

Director: Prof. Kal Raustiala
raustiala@law.ucla.edu
Assistant Director: Ms. Alexandra Lieben
alieben@international.ucla.edu
www.international.ucla.edu/bcir

UC RIVERSIDE

Program on Global Studies

Co-Director: Prof. Juliann Allison
juliann.allison@ucr.edu
Co-Director: Prof. Christopher Chase-Dunn
christopher.chase-dunn@ucr.edu
www.irows.ucr.edu/pogs/pogs.htm

UC SAN DIEGO

Institute for International, Comparative, and Area Studies

Director: Prof. Gershon Shafir
gshafir@ucsd.edu
iicas.ucsd.edu

UC SAN FRANCISCO

Global Health Sciences

Director: Prof. Jaime Sepulveda
globalhealthsciences.ucsf.edu

UC SANTA BARBARA

Global and International Studies

Director: Prof. Mark Juergensmeyer
juergens@global.ucsb.edu
www.global.ucsb.edu

UC SANTA CRUZ

Center for Global, International and Regional Studies

Director: Prof. Kent Eaton
keaton@ucsc.edu
Asst. Director, Programs and Development: Lisa Nishioka
global@ucsc.edu
cgirs.ucsc.edu

Contact Information

IGCC CENTRAL OFFICE

Institute on Global Conflict and Cooperation
University of California, San Diego
9500 Gilman Drive, Dept. 0518
La Jolla, CA 92093-0518
(858) 534-3352/FAX (858) 534-7655
igcc-cp@ucsd.edu
igcc.ucsd.edu

UC WASHINGTON CENTER

1608 Rhode Island Avenue, NW 3rd Floor
Washington, D.C. 20036
(202) 974-6295
joseph.mcghee@ucdc.edu

San Diego Faculty and Staff

RESEARCH

Dr. Tai Ming Cheung
Director
tcheung@ucsd.edu

Professor Henry Abarbanel
Research Director
for Science and Security
habarbanel@gmail.com

Professor Eli Berman
Research Director
for International
Security Studies
elberman@ucsd.edu

Professor Josh Graff Zivin
Research Director
for International
Environmental and
Health Policy
jgraffzivin@ucsd.edu

Professor Susan Shirk
Director Emeritus
Email: sshirk@ucsd.edu

Mr. Eric Anderson
Research Analyst
eanderson@ucsd.edu

Ms. Alia Matanock
Postdoctoral Scholar
amatanock@ucsd.edu

Mr. Jon Lindsay
Postdoctoral Scholar
jrlindsay@ucsd.edu

Ms. Hanlu Lu
Research Analyst
h7lu@ucsd.edu

ADMINISTRATION

Ms. Helen Olow
Business Officer
holow@ucsd.edu

Ms. Lynne Bush
Senior Editor
lbush@ucsd.edu

Ms. Elaine Fleming
Publications Coordinator
efleming@ucsd.edu

Ms. Katherine Levy
Project Manager
levyk@ucsd.edu

Dr. Angela Lintz
Grants Development
Senior Analyst
alintz@ucsd.edu

Ms. Laura Martin
Project Manager
lauramartin@ucsd.edu

Ms. Marie Thiveos
Conference and
Fiscal Assistant
mthiveos@ucsd.edu

Mr. Johnny Thai
Fiscal Specialist
qthai@ucsd.edu

Ms. Connie Chan
Program Assistant
cvc001@ucsd.edu

WASHINGTON STAFF

Mr. Joseph McGhee
Washington D.C.
Representative
joseph.mcghee@ucdc.edu



UC INSTITUTE ON GLOBAL CONFLICT AND COOPERATION

igcc.ucsd.edu