

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

Speaker biographies

June 19-25, 2011



Bernt BERGER is a Senior Researcher with the SIPRI China and Global Security Programme. He has almost two decades of work and study experience in China including hands-on work in political development. Besides in work on China he has combined his expertise in security studies and East and Southeast Asia. During his work at SWP in Berlin he intensively engaged in policy advising among Ministries, Parliament and the Government. His recent work involves China's foreign and security policy in the neighbourhood including Burma, Pakistan, India, Afghanistan and Central Asia. Furthermore he focused on regional security in East Asia, EU-China relations and developments inside China. Bernt Berger has lived in China for 4 years. He has carried out professional travel to more than 20 countries. At SIPRI he has taken up research on science and technology transfers between Europe and China.



Richard A. BITZINGER is a Senior Fellow with the Military Transformations Program at the S. Rajaratnam School of International Studies, where his work focuses on security and defense issues relating to the Asia-Pacific region, including military modernization and force transformation, regional defense industries and local armaments production, and weapons proliferation. Mr. Bitzinger has written several monographs and book chapters, and his articles have appeared in such journals as *International Security*, *Orbis*, *China Quarterly*, and *Survival*. He is the author of *Towards a Brave New Arms Industry?* (Oxford University Press, 2003), "Come the Revolution: Transforming the Asia-Pacific's Militaries," *Naval War College Review* (Fall 2005), *Transforming the U.S. Military: Implications for the Asia-Pacific* (ASPI, December 2006), and "Military Modernization in the Asia-Pacific: Assessing New Capabilities," *Asia's Rising Power* (NBR, 2010). He is also the editor of *The Modern Defence Industry: Political, Economic and Technological Issues* (Praeger, 2009). Mr. Bitzinger was previously an Associate Professor with the Asia-Pacific Center for Security Studies (APCSS), Honolulu, Hawaii, and has also worked for the RAND Corporation, the Center for Strategic and Budgetary Affairs, and the U.S. Government. In 1999-2000, he was a Senior Fellow with the Atlantic Council of the United States. He holds a Masters degree from the Monterey Institute of International Affairs and has pursued additional postgraduate studies at the University of California, Los Angeles.



Oliver BRÄUNER joined SIPRI in April 2010. He currently works as a Researcher for the China and Global Security Programme at SIPRI, mainly on EU-China science and technology cooperation. He holds a Masters Degree in Chinese Studies, Law and Political Science from Heidelberg University, Germany. Oliver has previously worked as an intern for the German Federal Foreign Office, the Research Division Asia of the German Institute for

International and Security Affairs (SWP) and the German Bundestag.



Tai Ming CHEUNG is senior research fellow at the UC Institute on Global Conflict and Cooperation (IGCC). Cheung manages IGCC's Northeast Asia Cooperation Dialogue (NEACD), a Track Two program that brings together senior foreign ministry and defense officials as well as academics from the United States, China, Japan, South Korea, North Korea, and Russia for informed discussions on regional security issues. He also oversees the "The Future of Multilateral Security Cooperation in Northeast Asia: Exploring Regional Security Architecture and the Economics-Security Nexus," a research project in collaboration with the University of Tokyo and Yonsei University funded by the John D. and Catherine T. MacArthur Foundation as well as the Institute's Project on the Study of Innovation and Technology in China (SITC). Cheung serves as an associate adjunct professor at the School of International Relations and Pacific Studies at UC San Diego and is a long-time analyst of Chinese and East Asian defense and national security affairs. Cheung was based in Asia from the mid-1980s to 2002 covering political, economic and strategic developments in greater China. He was also a journalist and political and business risk consultant in northeast Asia. Cheung received his Ph.D. 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.



Major Doug CREVISTON is a Research Fellow at the Center for Strategic Intelligence Research, School of Science and Technology, National Defense Intelligence College. He came to NDIC from Edwards AFB, CA, where he served as Experimental Test Pilot on the F-16 and Assistant Director of Operations for the 416th Flight Test Squadron. A senior pilot with 2,000 hours in 35 different aircraft, he has two combat tours and 700 hours of combat flying in Iraq. A 1997 graduate of the US Air Force Academy, Maj. Creviston was a National Science Foundation Fellow at MIT's Gas Turbine Lab, where his research into rapid prototyping of engine exhaust nozzles led to a Master of Science degree in Aeronautics and Astronautics in 1999. He conducted operations in the F-15E while stationed at RAF Lakenheath before serving as an instructor at the F-15E Formal Training Unit. Following completion of the USAF Test Pilot School, he engaged in planning, execution, and reporting of over 30 F-16 test programs, to include avionics, weapons, sensor, and propulsion system testing.



David M. FINKELSTEIN is Vice President of the Center for Naval Analyses and Director of *CNA China Studies*, a line research Division of CNA. With over a dozen full time analysts, *CNA China Studies* is one of the nation's largest analytic groups focused on security Chinese affairs.

Finkelstein received his Ph.D. in Chinese history from Princeton University and studied Mandarin at Nankai University in Tianjin. Dr. Finkelstein serves on the Advisory Board of *Issues & Studies* (Taipei), is a Senior Advisor to *The China and Eurasia Forum Quarterly* (Washington, D.C. & Stockholm), and a member of the National Committee for U.S.-China Relations and he previously served as a member of former Treasury Secretary Paulson's outreach group for the Strategic Economic Dialog. He regularly leads seminars at the U.S. Department of State's Foreign Service Institute and the U.S. Army War College.

A retired Regular U.S. Army Officer, Finkelstein is a graduate of the United States Military Academy at West Point, the Command & General Staff College, the U.S. Army War College, the Foreign Area Officer Course at JFK Center for Military Assistance and Unconventional Warfare, and the U.S. Army Airborne School at Fort Benning. While on active duty, he held various command and staff positions in tactical field units to include service with the 86th and 40th Signal Battalions of the 11th Signal Brigade, the Army Communications Command, and the United Nations Command Joint Security Force in Pongmum, Korea. He also held significant positions as a U.S. Army China Foreign Area Officer serving the Secretary of Defense as Assistant Defense Intelligence Officer for East Asia and the Pacific and on the Joint Staff as Director for Asian Studies (J-8, SAGD) for the Chairmen, JCS.

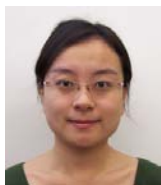
Dr. Finkelstein writes extensively on a wide range of Chinese issues and is an internationally recognized specialist on Chinese military and security affairs. Of note, his historical study, *From Abandonment to Salvation: Washington's Taiwan Dilemma, 1949-50* (George Mason University Press, 1993), was hailed in *Presidential Studies Quarterly* as "blazing a new trail" and "will take an important place in the literature of U.S.-China relations in the mid-20th Century."



Brian LAFFERTY is a Chinese language researcher at Defense Group Inc.'s Center for Intelligence Research and Analysis, where he does primary source research and analysis of China's science and technology development. He graduated from Columbia University in 2009, where his research centered on PLA logistics and remuneration systems, the role of the PLA in Chinese internal security, Chinese governance and internal stability, and Chinese civil-military relations. His dissertation highlighted the importance of the PLA's role as an internal security guarantee after 1989, and the impact this has had on China's defense spending.



Jon LINDSAY is a postdoctoral scholar with the University of California Institute on Global Conflict and Cooperation (IGCC). He received his Ph.D. in political science from the Massachusetts Institute of Technology, M.S. in computer science and B.S. in cognitive science from Stanford University, and has served as an intelligence officer in the U.S. Navy. His research focuses broadly on the problems of knowledge in complex systems, with particular emphasis on the role of information technology in international security. Specific research topics include the strategic problems posed by emerging cyberwarfare capabilities, the capacity for "user innovation" as a component of military power, and the operational challenges of irregular warfare under conditions of high technology and complexity. His dissertation, "Information Friction: Information Technology and Military Performance," draws on fieldwork with a U.S. special operations unit in Iraq and historical casework to explain the social conditions under which uncertainty-reducing technologies can themselves generate additional uncertainty. He is presently working to broaden the information friction framework in order to understand how emerging information technologies affect Chinese military power.



Hanlu LU is a Research Analyst for the IGCC Study of Innovation and Technology in China (SITC). She is responsible for conducting research on issues related to the contemporary Chinese science and technology policy, with a special emphasis on national security, trade and political economy. Ms. Lu also manages SITC's Chinese-language resources and databases and provides work direction to SITC's graduate student research team. She holds a Master's degree in Pacific

and International Affairs (MPIA) from the University of California, San Diego.



Thomas G. MAHNKEN is currently the Jerome E. Levy Chair of Economic Geography and National Security at the U.S. Naval War College and a Visiting Scholar at the Philip Merrill Center for Strategic Studies at The Johns Hopkins University's Paul H. Nitze School of Advanced International Studies (SAIS). Dr. Mahnken served as the Deputy Assistant Secretary of Defense for Policy Planning from 2006-2009. He was the primary author of the 2008 *National Defense Strategy* and contributing author of the 2006 *Quadrennial Defense Review*. Prior to joining the Defense Department, he served as a Professor of Strategy at the U.S. Naval War College. From 2004 to 2006 he was a Visiting Fellow at the Merrill Center at SAIS. His areas of primary expertise are strategy, intelligence, and special operations forces.



David MEYER is professor of mathematics and the George W. and David MEYER is professor of mathematics and the George W. and Carol A. Lattimer Campus Professor at UC San Diego. He works on a wide range of topics in mathematics and physics, including discrete models for quantum gravity, knot theory, and the foundations of quantum mechanics. His recent research has focused on quantum information processing, a subject into which he introduced the ideas of quantum lattice gas automata and quantum games, and on topological data analysis, specifically of partially ordered data and in connection with wavelet analysis of scaling dimensions. Meyer's interest in the latter topics is largely motivated by his interest in mathematical modeling of social systems. As part of the IGCC project, "The Evolving Relationship Between Technology and National Security in China: Innovation, Defense Transformation, and China's Place in the Global Technology Order," he is designing relational databases to organize qualitative data on China's science and technology development system, and developing statistical methods to analyze the data therein.



Alice Lyman MILLER is a research fellow at the Hoover Institution and teaches in the Departments of History and Political Science at Stanford University. She is also a senior lecturer in the Department of National Security Affairs at the U.S. Naval Postgraduate School in Monterey, California. Prior to coming to Stanford in 1999, Miller was an analyst at the Central Intelligence Agency from 1974-1990. From 1990-2000, she was associate professor of China Studies and, for most of that period, director of the China Studies Program at the School of Advanced International Studies (SAIS) at Johns Hopkins University in Washington, D.C. Miller's research focuses on foreign policy and domestic politics issues in China and on the international relations of East Asia. She is currently editor of the *China Leadership Monitor*, which, now in its ninth year, offers authoritative assessments of trends in Chinese leadership politics. Additionally, she is author of two books: *Science and Dissent in Post-Mao China: The Politics of Knowledge* (University of Washington Press, 1996) and, with Richard Wich, *Becoming Asia: An International History Since World War II* (Stanford University Press, 2011). She is currently working on two book projects, one with IGCC Director Susan Shirk on the politics of oligarchy in China, and the second, tentatively entitled *The Evolution of Chinese Grand Strategy, 1550-Present*, which brings a historical perspective to bear on China's rising power in the contemporary international order.



Barry NAUGHTON's most recent book is *The Chinese Economy: Transitions and Growth*, a comprehensive survey of the Chinese economy that was published by MIT Press at the beginning of 2007. Naughton is an economist and professor at the University of California, San Diego, who was named the So Kuanlok Professor of Chinese and International Affairs at the Graduate School of International Relations and Pacific Studies in 1998. Naughton has published extensively on the Chinese economy, with a focus on four interrelated areas:

economic transition; industry and technology; foreign trade; and Chinese political economy. His pioneering study of Chinese economic reform, *Growing Out of the Plan: Chinese Economic Reform, 1978-1993* (New York: Cambridge University Press, 1995) won the Masayoshi Ohira Memorial Prize.

Naughton's research on economic interactions among China, Taiwan and Hong Kong, focusing on the electronics industry, led to the edited volume *The China Circle: Economics and Technology in the PRC, Taiwan and Hong Kong* (Brooking Institution, 1997). Since then, Naughton has continued to follow the electronics industry and technology policy in China and Taiwan, and has published several solo and co-authored articles on related subjects. A recent volume, co-edited with Dali Yang, is entitled *Holding China Together: Diversity and National Integration in the Post-Deng Era* (New York: Cambridge University Press, 2004). Naughton publishes quarterly analysis of China's economic policy online at *China Leadership Monitor*.

Kevin POLLPETER is China Program Manager at Defense Group Inc. (DGI). Before working at DGI, Mr. Pollpeter was an analyst at RAND from 2000-2004. Mr. Pollpeter's research focuses on China military and Chinese military-related research and development and science and technology issues. In particular, Pollpeter focuses on the Chinese space program. Pollpeter has authored or coauthored numerous publications on the Chinese military and national security issues. His space-related publications include a monograph entitled *Building for the Future: China's Progress in Space Technology During the Tenth Five-year Plan and the U.S. Response* and a book chapter entitled "The Chinese Vision of Space Military Operations." He has also written frequently for *China Brief*. Pollpeter has also coauthored many works, including *Dangerous Thresholds: Managing Escalation in the 21st Century* and *Entering the Dragon's Lair: Chinese Anti-access Strategies and Their Implications for the United States*. Pollpeter received his Master's Degree in International Policy Studies from the Monterey Institute of International Studies and his Bachelor's Degree in China Studies from Grinnell College.



Susan SHIRK is director of the University of California system-wide Institute on Global Conflict and Cooperation and Ho Miu Lam professor of China and Pacific Relations at the UCSD School of International Relations and Pacific Studies. Shirk first traveled to China in 1971 and has been doing research there ever since. During 1997-2000, Shirk served as Deputy Assistant Secretary of State in the Bureau of East Asia and Pacific Affairs, with responsibility for China, Taiwan, Hong Kong and Mongolia. Shirk's publications include her books, *China: Fragile Superpower*, *How China Opened Its Door: The Political Success of the PRC's Foreign Trade and Investment Reforms*; *The Political Logic of Economic Reform in China*; and *Competitive Comrades: Career Incentives and Student Strategies in China*. Her edited book, *Changing Media, Changing China*, will be published by Oxford University Press in December 2010. Shirk served as a member of the U.S. Defense Policy Board, the Board of Governors for the East-West Center (Hawaii), the Board of Trustees of the U.S.-Japan Foundation, and the Board of

Directors of the National Committee on United States-China Relations. She is a member of the Trilateral Commission, China Council of the World Economic Forum, Council on Foreign Relations, and an emeritus member of the Aspen Strategy Group. As Senior Adviser to The Albright-Stonebridge Group, Shirk advises private sector clients on China and East Asia.



Richard P. SUTTMEIER is Professor of Political Science, Emeritus, at the University of Oregon. He has written widely on science and technology development issues in China. His current research includes a study of China's intellectual property strategy and an examination of the changing nature of China's innovation system. His interests in the role of science and technology in China-US relations, the role of technical standards in China's technology policy, and Chinese approaches to the management of technological risks have led to the following recent publications: "From Cold War Science Diplomacy to Partnering in a Networked World: 30 Years of Sino-US Relations in Science and Technology", *Journal of Science and Technology Policy in China*, Vol. 1, No. 1, 2010; "'The Sixth Modernization?' China, Safety, and the Management of Risks." *Asia Policy* 6 (June, 2008); "State, Self-Organization, and Identity in the Building of Sin-US Cooperation in Science and Technology." *Asian Perspective* 32, 1, 2008; and *Standards, Stakeholders, and Innovation: China's Evolving Role in the Global Knowledge Economy*. (with Scott Kennedy and Jun Su). National Bureau of Asian Research. September, 2008. These and other recent papers are available at <http://china-us.uoregon.edu/papers.php>.



Kathleen (Kate) WALSH is an Associate Professor of National Security Affairs in the National Security Affairs (NSA) Department (formerly National Security Decision Making Department / NSDM) at the Naval War College, where she teaches Policy Analysis (formerly Policy Making and Process / PMP and National Security Policy Analysis / NSPA). She also co-teaches an elective (FE 613) on China's National Security (Fall) and an elective (EL512) on the History of Technology (Spring 2011). In addition, Walsh serves on the Faculty Advisory Board for the recently launched student journal: *NWC Journal of National Security Studies*, is an affiliate of the China Maritime Studies Institute (CMSI), participates in NWC's Asia Pacific Studies Group (APSG), and is a member of the Naval War College Foundation (NWCFF). Professor Walsh's current research includes assessing national security implications of China's science and technology (S&T) development, defense innovation and military modernization efforts, as well as the role played by foreign R&D investment in China's development. Ongoing projects include studying the modernization of China's commercial shipbuilding industry and implications from China's increasing role in UN peacekeeping operations (a joint CMSI-SIPRI research project).

Walsh is author of numerous publications, including: "The Role, Promise and Challenges of Dual-Use Technologies in National Defense," Chapter 7 in *The Modern Defense Industry: Political, Economic and Technological Issues*, Richard A. Bitzinger, ed. (Praeger, 2009) and "National Security Challenges and Competition: Defense and Space R&D in the Chinese Strategic Context," *Technology in Society* (July 2008). Prior to joining the NWC in 2006, she was an independent consultant and Senior Associate at the Henry L. Stimson Center in Washington, DC as well as Senior Associate at DFI International. Walsh has a Master of Arts degree in International Security Policy from the School of International and Public Affairs (SIPA) at Columbia University and a Bachelor of Arts in International Affairs from the Elliott School of International Affairs at George Washington University.

**Conference on the Political Economy of China's Technology and Innovation Policies
June 27-28, 2011**



CHEN Ling is Associate Professor and Assistant Director of Industrial Development and Environmental Governance (CIDEG) at the School of Public Policy and Management, Tsinghua University, China. Her research fields are on public policy process, science and technology policies and high-tech industrial policies. In recent years, she conducted research on the low carbon innovation of automobile industry, indigenous innovation policies and China's semiconductor industrial policies. She received her Bachelor's of Arts in 1998, her Master's Degree on economics in 2001, and Ph.D. in Public Management at Tsinghua University in 2005.



Tai Ming CHEUNG is senior research fellow at the UC Institute on Global Conflict and Cooperation (IGCC). Cheung manages IGCC's Northeast Asia Cooperation Dialogue (NEACD), a Track Two program that brings together senior foreign ministry and defense officials as well as academics from the United States, China, Japan, South Korea, North Korea, and Russia for informed discussions on regional security issues. He also oversees the "The Future of Multilateral Security Cooperation in Northeast Asia: Exploring Regional Security Architecture and the Economics-Security Nexus," a research project in collaboration with the University of Tokyo and Yonsei University funded by the John D. and Catherine T. MacArthur Foundation as well as the Institute's Project on the Study of Innovation and Technology in China (SITC). Cheung serves as an associate adjunct professor at the School of International Relations and Pacific Studies at UC San Diego and is a long-time analyst of Chinese and East Asian defense and national security affairs. Cheung was based in Asia from the mid-1980s to 2002 covering political, economic and strategic developments in greater China. He was also a journalist and political and business risk consultant in northeast Asia. Cheung received his Ph.D. 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.



Edward CUNNINGHAM is a Joint Post-doctoral Fellow at the Ash Center for Democratic Governance and Innovation as well as the Belfer Center for Science and International Affairs, both of Harvard University's John F. Kennedy School of Government. He is also a research affiliate of the Massachusetts Institute of Technology (M.I.T.) Industrial Performance Center, and a consultant to public and private sector organizations. In the fall of 2011 he will join Boston University's Department of Geography and Environment as an Assistant Professor focusing on energy markets, energy policy, and the political economy of development. Dr. Cunningham graduated from Georgetown University, received an A.M. from Harvard's Graduate School of Arts and Sciences, and received his Ph.D. from the Department of Political Science at M.I.T. He was selected as a Fulbright Fellow to the P.R.C., during which time he conducted his doctoral fieldwork as a visiting fellow at Tsinghua University. His primary research interests relate to energy policy and markets, comparative political economy, and industrial competitiveness. He is fluent in Mandarin and Italian.

Dr. Cunningham has served as the program officer of the China Public Policy Program at the Harvard Kennedy School, worked in Beijing, and studied at Peking University. He has also

testified in Washington, DC, and speaks regularly at industry and academic conferences on issues relating to energy, industrial policy, competitiveness, and governance. He is currently completing a book on China's energy markets and energy governance during the modern reform period.



Dieter ERNST is senior fellow at the East-West Center (Honolulu, USA), is an authority on global production networks and R&D internationalization in high-tech industries and on Asia's industrial and innovation policies, with a focus on standards and intellectual property rights. His position is at the full professorial level. He was a senior advisor to the OECD, Paris; research director of the Berkeley Roundtable on the International Economy (BRIE) at the University of California at Berkeley; and professor of international business at the Copenhagen Business School. Dr. Ernst has co-chaired an advisory committee of the U.S. Social Science Research Council to develop a new program on Innovation, Business Institutions, and Governance in Asia. He has also served as scientific advisor to several institutions, among them the Organization of Economic Cooperation and Development, the World Bank, the National Bureau for Asia research, the U.N. Conference on Trade and Development, and the U.N. Industrial Development Organization. He holds a Ph.D. in economics from the University Bremen.

Some of Ernst's recent publications include: "A New Geography of Knowledge in the Electronics Industry? Asia's Role in Global Innovation Networks," in *Policy Studies* #54 (East-West-Center, Honolulu) August 2009, "Beyond the Global Factory Model Innovative Capabilities for Upgrading China IT Industry," in *International Journal of Technology and Globalization*, 3(4), 2007: 437-60 and "Can Chinese IT Firms Develop Innovative Capabilities within Global Knowledge Networks?," in *China's Quest for Independent Innovation* (Marguerite Gong Hancock, Henry S. Rowen, and William F. Miller, editors), Shorenstein Asia Pacific Research Center and Brookings Institution Press, 2007.



Jimmy GOODRICH is a Director of Government Affairs and Technology Policy for Cisco Systems in Greater China. He works with a wide range of stakeholders on areas where policy, government, and technology converge. He is also the Co-Chair of the AMCHAM China IT and Telecoms Forum, a position he serves on a voluntary basis. Jimmy has more than 6 years of experience working with Chinese stakeholders on technology policy issues. Before joining Cisco, he worked in the ICT practice of APCO Worldwide, a public affairs consultancy in Beijing. Additionally, Jimmy was the Policy Manager at the U.S. Information Technology Office, a position he held for close to three years. Jimmy is from Boston, Massachusetts, and now lives with his wife in Beijing.



Sebastian HEILMANN is Professor for Comparative Government and the Political Economy of China and Director of the Center for East Asian and Pacific Studies at Trier University, Germany. He is a Board Member of the German Association of Asian Studies and the editor of the internet publication *China Analysis* (www.chinapolitik.de) which has become a major platform for up-to-date research on China's political economy in Europe.

Sebastian Heilmann has published extensively on China's political economy,

with a special focus on economic policy-making and regulation. He is the author of the standard textbook on *The Political System of the PRC* in Germany. Together with Elizabeth Perry of Harvard University he recently co-edited the volume *Mao's Invisible Hand: The Political Foundations of Adaptive Governance in China* (published in April 2011 by Harvard University Press). Currently, he is heading a multi-year project research group on "Industrial and Technology Policies of the People's Republic of China" that is funded by the German Federal Ministry of Education and Research.



Robert A. KAPP is president of Robert A. Kapp & Associates, Inc., a Washington State-based consultancy serving companies and nonprofit organizations seeking to develop their activities in and with the People's Republic of China. He is Senior China Advisor to the international law firm K&L Gates LLP. He served for more than ten years in Washington D.C. as leader of the US-China Business Council, the principal organization of major American corporations pursuing trade and investment with China. Originally an academic historian of modern China, he taught at Rice University and the University of Washington and edited The Journal of Asian Studies. He has published one book and a number of articles and reviews, and has appeared frequently in the major media. He is a member of the Board of The Blakemore Foundation, and of numerous advisory councils to NGOs active in the China field.



Scott KENNEDY (Ph.D., George Washington University, 2002) is Associate Professor in the Departments of Political Science and East Asian Languages & Cultures and Director of the Research Center for Chinese Politics & Business (RCCPB) at Indiana University. His research interests include government-business relations, policymaking, and global governance. His current book project concerns how effectively the Chinese government and business participate in global governance regimes. He is editor of *Beyond the Middle Kingdom: Comparative Perspectives on China's Capitalist Transformation* (Stanford University Press, 2011); author of *The Business of Lobbying in China* (Harvard University Press, 2005); and editor of *China Cross Talk: The American Debate over China Policy since Normalization: A Reader* (Rowman & Littlefield, 2003). With offices in Bloomington and Beijing, the IU Research Center for Chinese Politics and Business (RCCPB) is committed to providing thought leadership on issues that meet at the intersection of Chinese politics and the global world of business. For more information, see <http://mypage.iu.edu/~kennedys>, and <http://www.indiana.edu/~rccpb>.



Brian LAFFERTY is a Chinese language researcher at Defense Group Inc.'s Center for Intelligence Research and Analysis, where he does primary source research and analysis of China's science and technology development. He graduated from Columbia University in 2009, where his research centered on PLA logistics and remuneration systems, the role of the PLA in Chinese internal security, Chinese governance and internal stability, and Chinese civil-military relations. His dissertation highlighted the importance of the PLA's role as an internal security guarantee after 1989, and the impact this has had on China's defense spending.



Bhavya LAL is senior staff member at the Science and Technology Policy Institute (STPI), and an expert in the areas of innovation and international competitiveness. Her skills and experience span the areas of manufacturing,

technology transfer, program evaluation, and scientometrics. She has been involved in STPI projects that address challenges to America's long-term competitiveness, explore innovative policy solutions, and analyze other elements of innovation and competitiveness. Before joining STPI, Lal was the President of C-STPS, LLC, a science and technology policy research and consulting firm in Waltham, Massachusetts. Before that, she was the Director of the Center for Science and Technology Policy Studies at Abt Associates Inc. She is an alumna of the National Conference of Community and Justice's Lead Boston program. She was also nominated as a role model in the National Academy of Engineers' Gallery of Women Engineers, and is a member of the YWCA Academy of Women Achievers. Lal holds a BS and an MS in nuclear engineering and an MS from the Technology and Policy Program, all from the Massachusetts Institute of Technology.



LIU Xielin is Professor and Associate Dean of School of Management, Director of Research Center of Management of Information and Innovation, Graduate University of Chinese Academy of Science. Liu Xielin received a Bachelor's degree from Peking University in 1982, a Master's of Science from the Chinese Academy of Science and a Ph.D. in 1994 from Tsinghua University. Liu has been a visiting fellow at the MIT Sloan School of Management, a visiting professor at Hitochibashi University in Japan and the Stockholm School of economics, and an assistant professor at Tsinghua University. From October 1996 to June of 2006, he was a professor at the National Research Center for S&T Development, within the Chinese Ministry of Science and Technology. Today, Liu is a professor at the Graduate University of the Chinese Academy of Science. He also acts as Vice President of the Chinese Association of Science and S&T Policy.

Liu's research areas mainly cover innovation policy, management of technology and innovation, and management of entrepreneurship. He has published many papers in Research Policy, Technovation, Journal of Management Studies, International Journal of Innovation Management, International Journal of Technology Management, and Science and Public Policy. He has also written about eight books in the last ten years.



James McGREGOR is an American author, journalist and businessman who has lived in China for more than 20 years. He is a senior counselor for APCO Worldwide and a CNBC commentator. He is the author of the book *One Billion Customers: Lessons from the Front Lines of Doing Business in China* (Simon & Schuster, 2005). Between 1987 and 1994 Mr. McGregor served as The Wall Street Journal's bureau chief in Taiwan and Mainland China. From 1994 to 2000, he was chief executive of Dow Jones & Company in China. After leaving Dow Jones, he was China managing partner for GIV Venture Partners, a \$140 million venture capital fund specializing in the Chinese Internet and technology outsourcing. In 1996, McGregor was elected as chairman of the American Chamber of Commerce in China. He also served for a decade as a governor of that organization. He is a member of the Council on Foreign Relations, Atlantic Council, National Committee on US-China Relations and International Council of the Asia Society.



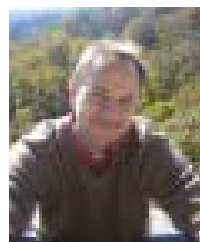
Alice Lyman MILLER is a research fellow at the Hoover Institution and teaches in the Departments of History and Political Science at Stanford University. She is also a senior lecturer in the Department of National Security Affairs at the U.S. Naval Postgraduate School in Monterey, California. Prior to coming to Stanford

in 1999, Miller was an analyst at the Central Intelligence Agency from 1974-1990. From 1990–2000, she was associate professor of China Studies and, for most of that period, director of the China Studies Program at the School of Advanced International Studies (SAIS) at Johns Hopkins University in Washington, D.C. Miller's research focuses on foreign policy and domestic politics issues in China and on the international relations of East Asia. She is currently editor of the *China Leadership Monitor*, which, now in its ninth year, offers authoritative assessments of trends in Chinese leadership politics. Additionally, she is author of two books: *Science and Dissent in Post-Mao China: The Politics of Knowledge* (University of Washington Press, 1996) and, with Richard Wich, *Becoming Asia: An International History Since World War II* (Stanford University Press, 2011). She is currently working on two book projects, one with IGCC Director Susan Shirk on the politics of oligarchy in China, and the second, tentatively entitled *The Evolution of Chinese Grand Strategy, 1550–Present*, which brings a historical perspective to bear on China's rising power in the contemporary international order.



Barry NAUGHTON's most recent book is *The Chinese Economy: Transitions and Growth*, a comprehensive survey of the Chinese economy that was published by MIT Press at the beginning of 2007. Naughton is an economist and professor at the University of California, San Diego, who was named the So Kuanlok Professor of Chinese and International Affairs at the Graduate School of International Relations and Pacific Studies in 1998. Naughton has published extensively on the Chinese economy, with a focus on four interrelated areas: economic transition; industry and technology; foreign trade; and Chinese political economy. His pioneering study of Chinese economic reform, *Growing Out of the Plan: Chinese Economic Reform, 1978-1993* (New York: Cambridge University Press, 1995) won the Masayoshi Ohira Memorial Prize.

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Defense Industry Conference

June 30-July 1, 2011

Participant biographies

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Eric HAGT is the director of the China Program at the World Security Institute in Washington, D.C., and chief editor of *China Security Quarterly*. He manages research projects on traditional and non-traditional security issues in China's military modernization. He was a visiting researcher at the Freeman Chair in Studies at the Center for Strategic and International Studies and has studied

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