Workshop on Assessing the State of China’s Civilian and Defense Science and Technology Capabilities

U.S. Pacific Command
Honolulu

March 21-22, 2011

This workshop explores China’s intensifying efforts to become a global science and technology champion, especially in the defense realm, and the challenges that it faces in meeting this objective. Presentations will be made by leading academic and policy experts affiliated with the DOD-funded Minerva Project on Chinese Technology and Security that is led by the University of California Institute on Global Conflict and Cooperation and its Project on the Study of Innovation and Technology in China (SITC).

For Day One, briefings will provide a big picture strategic overview of key developments and trends in the Chinese national and defense science, technology and innovation systems. The briefings are attended for mid-grade officers (04-06) with or without backgrounds on China affairs. Day Two is intended for subject matter experts that will examine and discuss China-related topics in greater detail. This will include a two panel discussion to allow for discussions between panelists and the audience.

Agenda

Monday, March 21

0800-0815: Welcome and admin remarks (PACOM S&T Advisor)
0815-0845: PACOM opening remarks (PACOM Senior Officer)
0845-1000: Chinese Grand Strategic Thinking on S&T (Cheung)
1000: Break
1015-1130: Chinese Ways of Research and Innovation (Suttmeier)
1130: Lunch
1230-1345: Reform of the Defense Economy Since the Late 1990s (Cheung)
1345-1500: Assessing the Chinese Defense Economy's Innovation Potential (Cheung)
1500-1515: Break
1515-1700: Leadership and Organizational Structures of the Chinese Civilian, Defense S&T, and PLA Systems (Miller)

1700: Closing remarks

1800: No host dinner

Tuesday, March 22

0800-0815: Welcome

0815-0945: Civil-Military Integration (Tyroler-Cooper)

0945-1145: Panel Discussion: Assessing Near to Long Term Prospects for China's Technological Developments: Key Issues to Watch and Likely Development Trends (Miller, Suttmeier, Tyroler-Cooper, Cheung)

1130: End of Unclassified Session

1230-1430: Classified Discussion
Speaker Bios

Tai Ming CHEUNG is senior research fellow at the UC Institute on Global Conflict and Cooperation (IGCC). He is in charge of the Institute’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" and serves as an associate adjunct professor at the School of International Relations and Pacific Studies at UC San Diego. He 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.

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.

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

**Samm Tyroler-Cooper** is an associate at Booz Allen Hamilton. Previously she was at the Defense Group Inc. (DGI) where she specialized in Chinese defense science and technology. She has been a Fulbright Scholar in China, worked at the Council on Foreign Relations in New York, and interned on the China Desk of the Office of the Secretary of Defense, where she drafted briefings for the President and Secretary on China’s military modernization. She received her Master's degree in international relations from Yale University and Bachelor's degree from Brown University in Chinese literature. Under the auspices of the Department of Defense’s Minerva Program, she wrote a paper on China’s aviation industry and the C919 jet program, which will be published by the Journal of Strategic Studies in 2011.