

# GRIPS-Mansfield Foundation Joint Seminar

Date: 13, May 2013

Time: 12:00-13:30

Venue: The National Graduate Institute for Policy Studies (GRIPS)

1st Floor, Room 1A

## ***“Integration of Unmanned Aerial Systems”***

Speaker : **Nathan Purdy** (Mansfield Fellow)  
Front Line Manager  
Federal Aviation Administration  
U.S. Department of Transportation

Moderator: **Kiyotaka Yokomichi**  
Vice President  
National Graduate Institute for Policy Studies (GRIPS)

Description: Hypotheses and experiments of Unmanned Aerial Systems (UAS) have occurred since the 1890s and have been in use in some capacity by the U.S. government since the early 1900s. Historically, the U.S. Army, and eventually the Air Force, has used these aircraft as remotely operated torpedoes and reconnaissance vehicles. Their use today has a similar purpose, but civilian application is growing rapidly. The Department of Defense is by far the largest consumer of these systems, which have been popularized by their use in war in the Middle East. Emerging UAS consumer markets, such as federal, state and local governments, universities, and commercial users (i.e., agriculture and mapping), are promoting increased production of these systems. Some industry growth estimates say 10,000 UAS will be flying in the U.S. over the next several years.

Congress has recently mandated agencies, specifically the Federal Aviation Administration, to cooperate in order to hasten the integration of UAS into the National Airspace System; however, these systems are facing numerous regulatory and technical challenges. Integration issues include already congested commercial airspace, use over populated areas, communication issues, collision avoidance and privacy concerns.

Mansfield Fellow Nathan Purdy will examine FAA's efforts on UAS, its cooperation with other U.S. government agencies, and its progress toward the goal of integrating UAS in the United States. He will also touch upon the current status of UAS in Japan from a comparative perspective.

Nathan has worked for the Federal Aviation Administration for eight years as an air traffic controller and front line manager based at Salt Lake City Air Route Traffic Control Center.

Professor. Kiyotaka Yokomichi, Vice President at National Graduate Institute for Policy Studies will serve as a moderator for the event. He is Director of Regional Policy Program and Deputy Director of Young Leaders Program at GRIPS. He has had many years experiences as official of the Ministry of Home Affairs, teaches Local Governance and Administration, Decentralization, Regional Policy, etc.

**\*Language: English**  
**For registration and inquiries please**  
**contact: [m-kaneda@grips.ac.jp](mailto:m-kaneda@grips.ac.jp)**  
**03-6439-6037 (Ms. Kaneda)**

**\*Admission Free.**  
For access to the GRIPS campus:  
7-22-1 Roppongi, Minato-ku, Tokyo 106-8677  
<http://www.grips.ac.jp/about/access.htm>

**\*Please bring your own lunch.**

## The National Graduate Institute for Policy Studies

GRIPS was established in October 1997, superseding the Graduate School of Policy Science (GSPS) at Saitama University, which was the first graduate school for Policy Studies in Japan. GRIPS is a government-sponsored graduate school and research institute which has been restructured into an entirely new and unique entity. GRIPS aims to be an international center of excellence for the education of future leaders in the policy arena, for the advancement of policy research, and for the systematic collection and dissemination of policy-related information. In order to accomplish these aims, a Graduate School, a Policy Research Center and a Policy Information Center have been established. GRIPS is the first graduate school without facilities for undergraduates in Japan in the wider disciplines of social science. GRIPS is located in Roppongi, Tokyo, with easy access to the political and business headquarters of Japan.

The degree programs are designed to attract outstanding students and thoroughly prepare them for distinguished careers in policy setting. After a period of thorough preparation since its foundation in 1997, GRIPS welcomed its first domestic students in April 2000, followed six months later by the first international students. More than half of the student-intake of GRIPS consist of international students coming from nearly forty countries in Asia, Africa and Eastern Europe. Our students normally have three to five years experience working for governments, central banks, custom offices or other relevant organizations. The International Programs at GRIPS are conducted solely in English, while Domestic Programs are taught in Japanese.

GRIPS aims to be the center of a consortium, consisting of industry, government and academia, for the exchange of information, ideas and personnel among graduate schools, government-related institutes and private research institutes in Japan. In addition, through its international faculty, student body and alumni, and by promoting international exchange of policy research and information, GRIPS aims to establish an international network among academics and government officials in the field of policy studies, contributing to the promotion of a better understanding among peoples around the world in an age of globalization.

## The Maureen and Mike Mansfield Foundation

The Maureen and Mike Mansfield Foundation was created in 1983 to advance Maureen and Mike Mansfield's life-long efforts to promote understanding and cooperation among the nations and peoples of Asia and the United States. The Foundation sponsors exchanges, dialogues and publications that create networks among U.S. and Asian leaders, explore the underlying issues influencing public policies, and increase awareness about the nations and peoples of Asia. The Mansfield Foundation's geographic focus is Northeast Asia and India as it relates to that region. The Foundation receives support from individuals, corporations and philanthropic organizations. It also provides support to [The Maureen and Mike Mansfield Center at the University of Montana](#).

The Mansfield Fellowship Program - named after Mike Mansfield, former U.S. ambassador to Japan, Senate majority leader, U.S. senator and U.S. congressman from Montana - is a first-of-its-kind, government-to-government exchange for both the United States and Japan. The U.S. Congress created the Mansfield Fellowships in 1994 in order to build a corps of U.S. federal government employees with proficiency in the Japanese language and practical, firsthand knowledge about Japan and its government. During the two-year Fellowships, U.S. federal government employees develop an in-depth understanding of Japan, learn how its government works, and establish relationships with their counterparts in the government of Japan as well as in the business, professional and academic communities. The Mansfield Fellowships are administered by the Maureen and Mike Mansfield Foundation, with the United States Department of State, Bureau of Educational and Cultural Affairs, as grantor.

The Foundation has offices in Washington, D.C., Tokyo, Japan, and Missoula, Montana.