

Joanne Irene Gabrynowicz

Professor Gabrynowicz is currently the Director of the National Center for Remote Sensing, Air and Space Law Research Professor of Law. She is also an official observer for the International Astronautical Federation to the United Nations Committee on the Peaceful Use of Outer Space as well as a member of the Department of Commerce advisory committee on Commercial Remote Sensing and a member of the International Society for Photogrammetry and Remote Sensing International Policy Advisory Committee.

Professor Gabrynowicz attended law school at Yeshiva University Cardozo School of Law and was a managing partner in a Law Firm in New York before starting her academic career. Her students include civilians, aerospace industry professionals, and military personnel in the aerospace field.

Professor Gabrynowicz has held several prestigious positions in the field of Space Law. From 1992-94, she was a member of The Congress of the United States Office of Technology Assessment Earth Observations Advisory Panel. From 1994-96, she was a member of the National Research Council Committee that produced *Bits of Power: Issues in Global Access to Scientific Data*. From 1994-95, she was awarded a faculty fellowship from the NASA/American Society of Engineering Education from Goddard Space Flight Center and served as the Dean of the NASA Space Academy in 1997. She was also a founding faculty member on the University of North Dakota Space Studies Department.

In 1996, Professor Gabrynowicz received a fellowship from the USGS EROS Data Center and later in 1999, the International Institute of Space Law invited her to write and present a remote sensing law position paper at the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III).

In 2000 Prof. Gabrynowicz was invited by the National Research Council (NRC) to participate in a study on Diplomacy in the Transparent World: The Use of Civil Remote Sensing in the Development and Implementation of Foreign Policy. She later testified before the Committee on Licensing Geographic Data and Services and the Stepping Stones to the Future of Space Workshop on International Cooperation/Competition- Why, How, When? She has also acted as an expert for Project 2001, a project by the University of Cologne Institute of Air and Space Law and German Aerospace Center. Project 2001 produced a legal framework for the commercial use of outer space working group on remote sensing.

Professor Gabrynowicz received the 2001 Women in Aerospace Outstanding International Award and was a distinguished speaker in the 2003-2004 Donahue Lecture Series of the Suffolk University Law Review.

The Tenth Alan E. Sommerfeld Lecture in Information Operations and Space Operations

Opening Remarks and Introduction of the Alan E. Sommerfeld Chair

Colonel Robert Burrell
Dean, The Judge Advocate General's School

Introduction of the Alan E. Sommerfeld Lecturer

Lieutenant Colonel Mike Lacey
Chair, International and Operational Law

The Alan E. Sommerfeld Lecture

Professor Joanne Gabrynowicz
Director, National Center for Remote Sensing, Air and Space Law
and Research Professor of Law

Closing Remarks

Lieutenant Colonel Mike Lacey
Chair, International and Operational Law

The Alan E. Sommerfeld Lecture Series

Established in 1999, the Sommerfeld Lecture Series is named in honor of Colonel (COL) (Ret.) Alan Sommerfeld. A graduate of the 71st Basic Course, COL Sommerfeld's Army judge advocate career was divided between the Active and Reserve Components.

After six years of active duty, he became a civilian attorney at Fort Carson and then at the Missile Defense Agency. He continued to serve in the Army Reserves and, on September 11, 2001, COL Sommerfeld was the senior legal advisor in NORAD's Cheyenne Mountain Operations Center where he served as the conduit for the Rules of Engagement from the Secretary of Defense to the NORAD staff. He was subsequently mobilized for two years as a judge advocate for Operation NOBLE EAGLE and became a founding member of the United States Northern Command (USNORTHCOM) legal office, where he served as its Deputy Staff Judge Advocate and then interim Staff Judge Advocate. He retired from the Reserves in December 2003.

The Sommerfeld Lecture Series was established at The Judge Advocate General's Legal Center and School to provide a forum for discussing current issues relevant to operations law in two of COL Sommerfeld's primary areas of interest – information operations and space operations.

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