

**Barbara J. Ryan**

Associate Director for Geography  
U.S. Geological Survey

Barbara J. Ryan is the Associate Director for Geography at the U.S. Geological Survey (USGS). In this capacity, she has program and policy oversight responsibilities for the agencies earth observation, geographic research and science impact activities. During her 30-year career with the USGS, she has worked in seven States and Washington, D.C. From 1989 to 1991, she served as Staff Assistant to the Assistant Secretary for Water and Science at the Department of the Interior. Before becoming Associate Director for Geography, she served as the agency's Chief Information Officer. She currently chairs a Senior Steering Committee for the Presidents Commercial Remote Sensing Space Policy and serves on the International Policy Advisory Committee for ISPRS. She holds a Bachelor's degree in Geology from the State University of New York at Cortland, a Master's degree in Geography from the University of Denver, and a Master's degree in Civil Engineering from Stanford University. She resides, with her husband and son, in Oakton, Virginia.

**Steven Bayless**

Policy Analyst and Presidential Management Fellow  
Department of Transportation

Mr. Bayless is a Presidential Management Fellow at the US Department of Transportation in the Office of the Secretary, concentrating on policy in the area of space based navigation and remote earth observation and specializing in planning for Intelligent Transportation Systems.

**Bretton S. F. Alexander**

Vice President  
t/Space Corporation

Bretton Alexander (Brett) was the Senior Policy Analyst for space issues in the White House Office of Science and Technology Policy where he played a central role in development of President Bush's Vision for Space Exploration, establishing a sustained commitment to human and robotic exploration of the solar system. Brett initiated the internal White House working group to develop new vision in the wake of the Space Shuttle Columbia accident. In addition, Brett also led the review of national space policies with the National Security Council staff resulting in new Presidential policies on space transportation, GPS, and remote sensing. Brett joined OSTP in May 2000.

Prior to joining OSTP, Brett was a senior policy analyst in the Federal Aviation Administration's Office of Commercial Space Transportation (FAA/AST) working with the U.S. satellite and launch service industries. In 1997, Brett was a program analyst for the Aerospace Corporation supporting the Office of the Deputy Under Secretary of Defense for Space in the Pentagon. From 1991 to 1997, Brett was a program and policy analyst on domestic and international space programs for ANSER Corporation in Arlington, Virginia. While at ANSER, Brett frequently traveled to Moscow, Russia, spending over a year living in Moscow facilitating U.S.-Russia space cooperation.

Brett left OSTP on January 28, 2005, to become the Vice President for Government Relations at t/Space, the Transformational Space Corporation. t/Space is an entrepreneurial company that was awarded a contract by NASA to develop an overall plan to implement the President's Vision for Space Exploration.

Brett holds Master and Bachelor of Science degrees in aerospace engineering from the University of Virginia in Charlottesville, Virginia.

**Gil Klinger**

Director, Space Policy  
National Security Council

Gil Klinger is Director, Space Policy on the National Security Council (NSC) Staff. Mr. Klinger is a native of New York and a Phi Beta Kappa, summa cum laude graduate of the State University of New York at Albany with an undergraduate degree in European History and Political Science. He received a masters degree in Public Policy from the John F. Kennedy School of government at Harvard University. Mr. Klinger's career in government service began with his competitive selection to the Presidential Management Internship Program within the Office of the Secretary of Defense (OSD).

In his following assignments he served as staff assistant, Deputy Director for Strategic Forces Policy within the Office of the Under Secretary of Defense for Policy, where he was responsible for proposing several significant modifications to U.S. nuclear targeting policy and warplans. From 1989 to early 1991 Mr. Klinger was the manager of a DoD-wide team responsible, as then Secretary of Defense Cheney described it, for "the most comprehensive and in-depth study of nuclear targeting ever initiated by this department. The results of that review have had an enduring impact on U.S. nuclear targeting, force structure, and arms control positions." For his actions in that assignment, Mr. Klinger was awarded the Distinguished Civilian Service Medal, the highest award given to civil servants within the Department of Defense (DoD).

Mr. Klinger next served as the Director for Space and Advanced Technology Strategy within the Office of the Under Secretary for Policy. While in that assignment in 1994 Mr. Klinger played the leading role within the OSD staff for a DoD-wide review of national security space management. Specifically, he played the pre-eminent role in catalyzing the fundamental reorganization of the OSD staff responsibilities that resulted in the creation of the Deputy Under Secretary of Defense for Space (DUSD/Space) organization.

Mr. Klinger served as the Acting DUSD/Space within the Office of the Under Secretary of Defense for Acquisition and Technology until June, 1998. He also held the permanent position of Principal Assistant (DUSD/Space). As acting DUSD/Space, Mr. Klinger was responsible for development and implementation oversight of all space matters within the DoD and for oversight of space systems acquisitions and space architecture development. For his accomplishments in these positions, Mr. Klinger received the 1997 Presidential Rank Meritorious Executive Award, one of the two highest awards given to civil servants within the U.S. government.

From June, 1998 until mid-April, 2002, Mr. Klinger was the Director of Policy at the National Reconnaissance Office (NRO). There, he was a key member of the senior leadership team, and responsible for a number of significant changes and accomplishments affecting the NRO, and the overall management and future direction of the National Space Reconnaissance Program.

Mr. Klinger has been a member of the Senior Executive Service since 1992, and a member of the Senior Intelligence Service since 1999. He assumed his current position on the NSC in April, 2002.