

# SMA Perspectives Virtual Discussion Biographies

## Lieutenant General Timothy G. Fay

Lt. Gen. Timothy G. Fay is the Director of Staff, Headquarters Air Force, the Pentagon, Arlington, Virginia. In this role, he synchronizes and integrates policy, plans, positions, procedures and cross functional issues for the headquarters staff.



Lt. Gen. Fay was commissioned following his graduation from the U.S. Air Force Academy in 1987. His previous assignments include instructor pilot and weapons officer duties in the B-52 Stratofortress and B-2 Spirit, and staff service at Headquarters, U.S. Strategic Command, U.S. Forces Iraq, Joint Staff and the Air Staff. He served in operations Desert Storm, Allied Force and Iraqi Freedom; commanded at the squadron, group and wing level; and is a command pilot with more than 3,900 flight hours. In his previous assignment, he served as the Deputy Chief of Staff for Strategy, Integration and Requirements, Headquarters U.S. Air Force, the Pentagon, Arlington, Virginia.

### EDUCATION

1987 Bachelor of Science, U.S. Air Force Academy, Colorado Springs, Colo.

1996 Weapons Instructor Course, U.S. Air Force Weapons School, Nellis Air Force Base, Nev.

1998 Master of International Relations, University of Belgrano, Buenos Aires, Argentina

2002 Master of Military Operational Arts and Sciences, Air Command and Staff College, Maxwell AFB, Montgomery, Ala.

2005 Master of National Security Strategy, National War College, Washington, D.C.

### ASSIGNMENTS

1. July 1987–September 1988, Undergraduate Pilot Training, Williams Air Force Base, Ariz.
2. Nov 1988–June 1992, B-52 Stratofortress Pilot, 596th Bomb Squadron, Barksdale AFB, La.
3. June 1992–May 1994, B-52 Pilot, Aircraft Commander, 34th Bomb Squadron, Castle AFB, Calif.

4. May 1994–June 1996, B-52 Instructor Pilot, 23rd Bomb Squadron, Minot AFB, N.D.
5. June 1996–December 1996, Defense Language Institute, Presidio of Monterey, Calif.
6. January 1997–November 1998, Olmsted Scholar, University of Belgrano, Buenos Aires, Argentina
7. November 1998–August 2001, B-2 Spirit Instructor Pilot, Wing Weapons Officer, 509th Operations Support Squadron and 325th Bomb Squadron, Whiteman AFB, Mo.
8. August 2001–June 2002, Air Command and Staff College, Maxwell AFB, Ala.
9. June 2002–June 2004, Commander, 65th Operations Support Squadron, Lajes Field, Portugal
10. June 2004–June 2005, National War College, Fort Lesley J. McNair, Washington, D.C.
11. June 2005–July 2006, Deputy Commander, 5th Operations Group, Minot AFB, N.D.
12. July 2006–November 2007, Headquarters, U.S. Strategic Command, Omaha, Neb.
13. November 2007–April 2009, Commander, 2nd Operations Group, Barksdale AFB, La.
14. April 2009–April 2010, Director, Strategic Communications Division, United States Forces – Iraq, J-9, Baghdad
15. July 2010–May 2012, Commander, 2nd Bomb Wing, Barksdale AFB, La.
16. May 2012–March 2014, Vice Deputy Director J33 and Deputy Director J36 Joint Staff, the Pentagon, Arlington, Va.
17. March 2014–October 2014, Director, Operational Planning, Policy and Strategy, Office of the Deputy Chief of Staff for Operations, Plans and Requirements, Headquarters U.S. Air Force, the Pentagon, Arlington, Va.
18. October 2014–May 2015 Deputy Director, Current Operations, Office of the Deputy Chief of Staff for Operations, Headquarters U.S. Air Force, the Pentagon, Arlington, Va.
19. May 2015–January 2017, Director of Strategic Plans, Office of the Deputy Chief of Staff for Strategic Plans and Requirements, Headquarters U.S. Air Force, the Pentagon, Arlington, Va.
20. January 2017–June 2017, Director of Operations, Strategic Deterrence, and Nuclear Integration, Headquarters U.S. Air Forces in Europe, Ramstein Air Base, Germany
21. June 2017–August 2018, Deputy Commander, U.S. Air Forces in Europe-Air Forces Africa, Ramstein AB, Germany
22. August 2018–October 2018, Special Assistant to the Vice Chief of Staff of the U.S. Air Force, the Pentagon, Arlington, Va.
23. October 2018–April 2020, Deputy Chief of Staff for Strategy, Integration and Requirements, Headquarters U.S. Air Force, the Pentagon, Arlington, Va.

24. April 2020–present, Director of Staff, Headquarters Air Force, the Pentagon, Arlington, Va.

#### SUMMARY OF JOINT ASSIGNMENTS

1. July 2006–November 2007, Chief, Innovation Group then Deputy Director, Global Innovation and Strategy Center, Headquarters, U.S. Strategic Command, Omaha, Neb., as a lieutenant colonel
2. April 2009–April 2010, Director, Strategic Communications Division, United States Forces – Iraq, J-9, Baghdad, as a colonel
3. May 2012–March 2014, Vice Deputy Director J33 and Deputy Director J36 Joint Staff, the Pentagon, Arlington, Va., as a brigadier general

#### FLIGHT INFORMATION

Rating: command pilot

Flight hours: more than 3,900

Aircraft flown: B-52, B-2, T-38 and T-37

#### MAJOR AWARDS AND DECORATIONS

Air Force Distinguished Service Medal Defense Superior Service Medal Legion of Merit  
Bronze Star Medal

Defense Meritorious Service Medal

Meritorious Service Medal with four oak leaf clusters Air Medal

Air Force Commendation Medal

#### EFFECTIVE DATES OF PROMOTION

Second Lieutenant May 1987 First Lieutenant May 1989 Captain May 1991

Major Nov. 1998

Lieutenant Colonel Feb. 2003 Colonel Jan. 2007

Brigadier General Oct. 2012 Major General Oct. 2015 Lieutenant General Oct. 2018

(Current as of April 2020)

## Mr. Abraham M. Denmark (Wilson Center)

Abraham Denmark directs the Asia Program at The Woodrow Wilson International Center for Scholars, where he is also a Senior Fellow at the Center's Kissinger Institute on China and the United States. He is also an Adjunct Associate Professor at Georgetown University. Mr. Denmark is the author of *U.S. Strategy in the Asian Century: Empowering Allies and Partners* (Columbia University Press). Mr. Denmark previously served as Deputy Assistant Secretary of Defense for East Asia and has worked at the National Bureau of Asian Research, the Center for a New American Security, and in the U.S. Intelligence Community. Mr. Denmark received the Secretary of Defense Medal for Outstanding Public Service in 2017, was named a 21st Century Leader by the National Committee on American Foreign Policy and was made an Honorary Rear Admiral in the Navy of the Republic of Korea. Mr. Denmark received an M.A. from the University of Denver Korbel School for International Studies, and a B.A. with Honors from the University of Northern Colorado. He is pursuing a Ph.D. at Kings College London, writing a dissertation on the history of great power competition in the strategic periphery. He is a member of the National Committee on U.S.-China Relations and the Council on Foreign Relations.



## Lt. Gen. (Ret.) Robert Elder (George Mason University)

Lieutenant General Robert Elder (USAF, retired) joined the George Mason University faculty as a research professor with the Volgenau School of Engineering following his retirement from military service as the Commander of 8th Air Force and US Strategic Command's Global Strike Component. He currently conducts research in the areas of command and control, assured communications, strategic stability and deterrence, competition-cooperation management, and international actor decision-making. General Elder served as the Central Command Air Forces Deputy Commander for Operation Enduring Freedom, Air Operations Center Commander and Deputy Air Component Commander for Operation Iraqi Freedom, and Commandant of the Air War College. He was the first commander of Air Force Network Operations and led the development of the cyberspace mission for the Air Force. He received his Doctorate in Engineering from the University of Detroit.



## Dr. Scott W. Harold (RAND Corporation)

Dr. Scott W. Harold is a Senior Political Scientist at The RAND Corporation. In addition to his work at RAND, Dr. Harold is an Adjunct Professor at Georgetown University's Edmund A. Walsh School of Foreign Service; an Adjunct Professor at the School of International and Public Affairs at Columbia University; and an Adjunct Professor at The Elliott School of International Affairs at The George Washington University. Prior to joining RAND in August 2008, Dr. Harold worked at The Brookings Institution from 2006-2008. His doctorate is in Political Science from Columbia University. In 2019, he was a visiting scholar at the Institut Montaigne in Paris, France; in 2018 he held a visiting scholar position at the Mercator Institute for China Studies (MERICS) in Berlin, Germany. He is currently a member of the Mike and Maureen Mansfield Foundation's U.S. – Japan Network for the Future, Cohort V. He is fluent in Mandarin Chinese.



## Mr. Mark Hoffman (Lockheed Martin)

Mr. Mark A. Hoffman is the manager for the Peer Competition and Influence Operations Research Group at Lockheed Martin Advanced Technology Laboratory. He has over 30 years of experience specializing in the development and management of advanced concepts and systems that incorporate state of the art information technology and analytics into Intelligence Analysis, and Decision Support systems. His research focus has been the application of Neuro-Symbolic AI techniques to the analysis of and recommendations for non-kinetic peer-adversary engagement.



Mr. Hoffman has been the Program Manager and Principal Investigator for more than 30 DARPA, IARPA, and Service Lab programs and projects. This includes that DARPA Integrated Crises Early Warning System (ICEWS) demonstrating social science analytics and forecasting of worldwide unrest events. These capabilities represent the first successful transition of computational social science to a DOD Program of Record.

Mr. Hoffman served as a member of the US DoD Defense Science Board summer study in 2016 on Constrained Military Operations (Gray Zone conflicts). Mr. Hoffman has authored over 25 scientific peer-reviewed conference papers and publications, and three book chapters. He has a B.S. in Computer Science and Numerical Analysis from the University of Washington and an M.S. in Computer Science from Rensselaer Polytechnic Institute. He is a member of the ACM, IEEE, AFCEA, and AFHE.

### Mr. David Kirkpatrick (LLNL)

David Kirkpatrick is an intelligence analyst with Lawrence Livermore National Laboratory, currently specializing in cyber intelligence and threats to critical infrastructure. He retired from the Air Force in 2018, where he most recently served as a cyber intelligence analyst with USCYBERCOM. He was previously an Air Reserve Technician, serving as Senior Intelligence Analyst at the 713<sup>th</sup> Combat Operations Squadron, supporting USPACOM A2. He has several years of prior service experience with the Army in the counterintelligence and psychological operations career fields, serving on active duty in Germany, Bosnia, and Iraq. David holds an M.A. in Economics from San Francisco State University.



### Dr. Michael D. Swaine (Quincy Institute for Responsible Statecraft)

Michael D. Swaine is one of the most prominent American analysts in Chinese security studies. Formerly a senior fellow at the Carnegie Endowment for International Peace for nearly 20 years and before that a senior policy analyst at the RAND Corporation for many years, Swaine is a specialist in Chinese defense and foreign policy, US–China relations, and East Asian international relations. He is also the Director of the East Asia Program at the Quincy Institute for Responsible Statecraft. He has authored and edited more than a dozen books and monographs and many journal articles and book chapters in these areas, directs security-related projects with Chinese partners, and advises the US government on Asian security issues. He received his M.A. and Ph.D. in government from Harvard University.

