

**Feuchtenberger, Karen**

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**From:** Ammerman, Paula <PRA4@psu.edu>  
**Sent:** Monday, November 14, 2011 5:41 PM  
**To:** John P. Surma (jpsurma@uss.com); Kenneth Frazier; Tomalis, Ronald  
**Cc:** Garban; Ammerman, Paula  
**Subject:** Distinguished Alumni  
**Attachments:** 20111114173657514.pdf

Steve Garban asked that I send the attached brief biographies to you for possible consideration in appointing a member to the Special Investigations Committee. He will have a conversation with Roger Williams tonight to solicit his thoughts on other alums, and will share any additional recommendations with you.

Paula

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## DISTINGUISHED ALUMNI AWARDS

Sara Rockwell for her outstanding career in biophysics and radiation biology research, education, and advocacy direction.

Sara Rockwell's pioneering work and discoveries in the area of tumor biology have led to significant improvements in the treatment of cancer. As one of the preeminent researchers in the world, Rockwell's work has been documented in more than 180 publications in top scientific journals and recognized with numerous scientific awards.

Early in her career, Rockwell developed a special line of mouse cancer cells that could be studied in cell culture and also as tumors in mice, which allowed her, her research team, and colleagues to conduct seminal pre-clinical studies of novel combination therapies for cancer.

A major aspect of Rockwell's research has focused on regions within solid tumors that are hypoxic, or low in oxygen, due to the abnormal blood vessels in these tumors. Cells in these areas are resistant to radiation and to many chemotherapy agents. Over the years, she and her collaborators studied several

new approaches and new drugs to specifically target hypoxic cells in tumors. Her research has prompted many clinical trials that have provided the basis for new cancer therapy regimens.

Rockwell began her career at Yale in 1974 as an assistant professor in therapeutic radiology. She has held numerous leadership positions within Yale, and today is associate dean for scientific affairs at Yale University School of Medicine. Rockwell is also a professor, teaching radiation biology, pharmacology, cancer biology, and ethics classes.

Rockwell is involved in science and technology policy at state and national levels. She represents Yale in the Federal Demonstration Partnership (FDP)—an association of federal agencies, academic researchers and administrators, and research policy organizations that works to streamline research administration. She was chair of the faculty committee and vice chair of the overall FDP in 2007-08.

"It's a very interesting thing to do; you sometimes get to modify federal policy in a way that both helps researchers and benefits research," said Rockwell.

"Paperwork has become such an onerous burden for researchers. We all want science to be done as safely and ethically as possible, but we need to streamline the oversight procedures."

As a radiation biologist, Rockwell has also served on committees focused on the dangers involved with radiation and its possible use in terrorism, including the Radiation/Nuclear Threat Countermeasures Working Group, formed by the White House Office of Science and Technology Policy and Homeland Security, and the Connecticut Radiation Response Planning Group. Rockwell has also served on advisory panels for the National Institutes of Health, U.S. Department of Defense, and the American Cancer Society. She has volunteered as a mentor and speaker for many groups, including the American Association of University Women and CURE, a network organization for schools and bioscience businesses in Connecticut. Her outreach efforts encourage women and minorities to pursue education and careers in science.

"I think it's important for women in science in my age group, which are still rare, to be role models," Rockwell said. "Having women and minority groups in

science and medicine not only brings different perspectives, but also provides interest in different areas."

Rockwell has received many awards and distinctions, including election to membership in the Connecticut Academy of Science and Engineering and selection as a fellow of the American Society for Radiation Oncology. She has also served for 10 years as the editor-in-chief of the journal *Radiation Research*, a position that is peer chosen.

In addition to earning her bachelor's degree in physics from Penn State, Rockwell has close family ties to the University with numerous relatives holding Penn State degrees. Rockwell's father, W. Paul Campbell, earned his doctoral degree at Penn State and was a professor of music education at the University for 17 years. "Because we are a Penn State family, this award from Penn State has delighted my family and friends more than any other I've received," she said.

A life member of the Penn State Alumni Association, Rockwell lives in Madison, Conn. She has two adult daughters and four grandchildren.

Sara Rockwell '65



## DISTINGUISHED ALUMNI AWARDS

### C. Robert Kehler '74



Gen. C. Robert Kehler, U.S. Air Force, for his outstanding leadership and dedication to serving his country.

Shamokin, Pa.-native Bob Kehler had a choice: major in music at Susquehanna University or venture farther from home and study engineering at Penn State. He chose Penn State, though two years after arriving he switched his major to music education. One constant during his college years was the Air Force ROTC.

"After I graduated, my plan was to fulfill the four years I owed the Air Force and then teach high school music," Kehler explained. Thirty-five years later and now a four-star general, Kehler is still with the U.S. Air Force, currently as commander of Air Force Space Command, one of the branch's highest leadership positions. Of his decision to stay in the Air Force, Kehler said, "I found my niche. The people are phenomenal and their sense of mission and purpose is infectious." He laughed and added, "And I would have made a lousy music teacher."

As commander of Air Force Space Command, Kehler is responsible for maintaining mission-ready space and cyberspace forces and capabilities for

North American Aerospace Defense Command, U.S. Strategic Command, and other combatant commands around the world. To meet that objective, Kehler oversees Air Force network operations; manages a global network of communications, satellite command and control, missile warning, and space launch facilities; and is responsible for space system development and acquisition. He leads more than 46,000 professionals who are assigned to 88 locations and deployed to an additional 35 locations throughout the world.

Kehler started his Air Force career as a second lieutenant in 1975, two years after the Vietnam War ended but with the Cold War still raging. His early commands involved intercontinental ballistic missile (ICBM) operations, space launch and operations, and missile warning and space control. "During the Cold War, there was very much the sense that the Air Force was the first line of defense," he said. "We were on constant alert."

Promotions followed with Kehler becoming a major just 10 years after he was commissioned and, in 1994, a colonel. He has been a general officer since 2000, and his current job is his 20th assignment with

the Air Force, including five assignments at The Pentagon. Though he has enjoyed aspects of each position, Kehler said his time in the Air Force Legislative Affairs Division in Washington, D.C., was "enormously helpful" because he witnessed the legislative process daily as the secretary of the Air Force's point man on Capitol Hill. That experience is useful in his current post since Kehler said he "spends a lot of time in D.C."

His personal decorations include the Distinguished Service Medal, Defense Superior Service Medal, Legion of Merit, and the Meritorious Service Medal.

In addition to his Penn State degree, Kehler earned master's degrees in public administration from the University of Oklahoma (1987) and in national security and strategic studies from the Naval War College in Newport, R.I. (1995). He also completed executive and management programs at Carnegie-Mellon University (1998), Syracuse University (2002), and the John F. Kennedy School of Government at Harvard University (2006), among others.

Kehler credits the roots of his success to the self-discipline he learned at Penn State, both in ROTC and in music. In addition

to his studies, he played clarinet in the Penn State Symphonic Wind Ensemble, Concert Blue Band, and the pit orchestra of the 1974 summer theatre season at Penn State.

A member of the Penn State Alumni Association, Kehler and his wife, Marj, live in Colorado Springs, Colo. They have two grown sons, Matthew, a 2004 Penn State graduate, and Jared, a 2008 graduate of James Madison University.

## DISTINGUISHED ALUMNI AWARDS



**Ambassador Theodore H. Kattouf for lifelong commitment to foreign service in improving relations between the Middle East and the United States.**

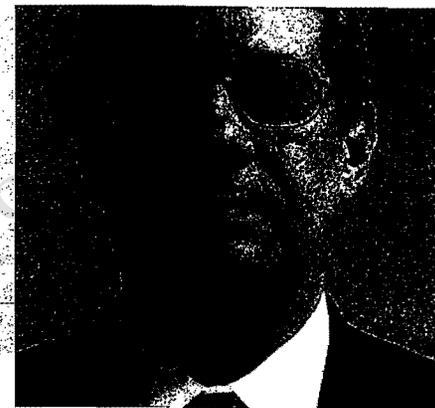
Theodore Kattouf has spent the past 35 years working in the Middle East for the State Department, as the U.S. Ambassador to both the United Arab Emirates and Syria and as president and CEO of AMIDEAST. As the head of AMIDEAST, he oversees the private, non-profit organization that has promoted greater cooperation and understanding between the Middle East and the United States for 57 years. AMIDEAST, headquartered in Washington, D.C., has 23 offices in 14 Middle Eastern and Northern African countries. Since Kattouf became president of AMIDEAST in 2003, revenues have increased 175 percent, and the organization's endowment has quadrupled.

After graduating from Penn State with a bachelor's degree in foreign service and international politics, Kattouf served three-and-a-half years in the U.S. Army infantry, attaining the rank of captain. He joined the Foreign Service in 1972, first working as an economic and commercial

officer in Kuwait. After completing the Foreign Service Arabic Language Program in Beirut and Tunis, he was assigned to Damascus as a political officer. Kattouf returned to the United States to serve as a Middle East analyst in the U.S. State Department and, from 1980 to 1982, as an international relations officer in the department's Near East Bureau. In that position, he played a key role in establishing the Multi-National Force and Observers in the Sinai. From 1982 to 1983, Kattouf was a State Department mid-career fellow at Princeton University.

From 1983 to 1986, during the Iran-Iraq war, Kattouf was deputy chief of mission in Baghdad. He then served one year as deputy chief of mission and one year as chargé d'affaires, ad interim in Sana'a, Yemen. Kattouf returned to the United States in 1988 to serve as deputy director and then director of the Office of Lebanon, Jordan, and Syrian Affairs. He returned overseas in 1992, first as deputy chief of mission in Damascus and from 1995 to 1998 as deputy chief of mission in Riyadh, Saudi Arabia. While serving as chargé d'affaires, ad interim in Riyadh, Kattouf managed the aftermath of the Khobar Towers bombing in 1996, in which

## Theodore H. Kattouf '68



19 American airmen died. He worked with then-Secretary of Defense William Perry '57g to relocate U.S. air assets and training elements to more secure facilities within Saudi Arabia and with then-FBI Director Louis Freeh to facilitate FBI-Saudi cooperation during the subsequent investigation.

President Bill Clinton nominated Kattouf as ambassador to the United Arab Emirates, and he was confirmed by the U.S. Senate in September 1998. During his tenure, U.S.-U.A.E. cooperation expanded in numerous fields intended to bolster Persian Gulf security and combat terrorism. The embassy also played a crucial role in concluding an \$8 billion sale of U.S. fighter aircraft. President George W. Bush nominated Kattouf as ambassador to Syria, and he was sworn in on August 31, just days before the September 11, 2001, terrorist attacks. Two years later, Kattouf joined AMIDEAST.

During his foreign service career, Kattouf received the State Department's Charles E. Cobb Award for Trade Development by an Ambassador, two Meritorious Honor Awards, four Senior Performance Awards, and a Presidential Honor Award.

At the end of his ambassadorship in the U.A.E., the ruler awarded him the Order of Zayid in recognition of the outstanding contributions he had made to strengthening U.S.-U.A.E. ties.

A native of Altoona, Pa., Kattouf and his wife, Jeannie, live in Washington, D.C. Between them, they have four children and four grandchildren.