

Americans, and whose advocacy has helped secure vital improvements in American counterterrorism policy. And we join them in remembering Leon and Marilyn Klinghoffer.●

IN HONOR OF MAJOR GENERAL
STEPHEN R. LORENZ

● Mr. ALLARD. Mr. President, I would like to take a moment today to recognize one of the finest Air Force officers on active duty, MG Stephen R. Lorenz. On September 6, General Lorenz left his present position as Deputy Assistant Secretary for Budget to become Special Assistant to the Air Force Chief of Staff. During his time in Washington, and especially with regard to his work on Capitol Hill, General Lorenz personified the Air Force core values of integrity first, service before self and excellence in all things. Many Members and staff enjoyed the opportunity to work with him on a variety of Air Force issues and came to appreciate his many talents. Today it is my privilege to recognize some of Steve's many accomplishments since he entered the military 32 years ago, and to commend him for the superb service he provided the Air Force, Congress, and our Nation.

Steve Lorenz earned a bachelor's degree in international affairs from the U.S. Air Force Academy in 1973 and attended undergraduate pilot training at Craig Air Force Base, AL. From 1975 to 1980, he flew the EC-135 as aircraft commander at Ellsworth AFB, SD, and over the course of later assignments to Wright-Patterson AFB, OH, and Castle AFB, CA, attained the qualification of KC-135 instructor pilot. General Lorenz demonstrated his skill as an aviator in the T-37, T-38, T-39, UV-18, EC-135A/G/C, KC-135A/R, KC-10A, and C-141B aircraft. He is a command pilot with over 3,300 hours of flying time.

From early in his career, General Lorenz's exceptional leadership skills were evident to superiors and subordinates alike as he repeatedly proved himself in numerous select command positions. He has commanded an air refueling squadron, the 93rd Air Refueling Squadron, Castle AFB, CA, a geographically separated operations group, the 398th Operations Group, Castle AFB, CA and holds the distinct honor of four Wing commands; the 22nd Air Refueling Wing, March AFB, CA, the 722nd Air Refueling Wing, March AFB, CA, the 305th Air Mobility Wing, McGuire AFB, NJ, and the 34th Training Wing, United States Air Force Academy, Colorado Springs, CO, as the Commandant of Cadets. Under his command, two of those wings were recognized and honored as the "Best Wings" in their respective numbered Air Forces.

Steve Lorenz excelled in a variety of key staff assignments. These include serving as Director of Plans and Programs, Headquarters U.S. Air Forces in Europe; Chief, European and North Atlantic Treaty Organization Policy

Branch, European Division, Directorate of Strategic Plans and Policy on the Joint Staff; Chief, Northeast Asia Branch, Far East/South Asia Division, Directorate of Strategic Plans and Policy on the Joint Staff; and Deputy Chief Senate Liaison Office. General Lorenz is also a published author providing articles to military journals on Leadership and the Air Force resource allocation process.

During his service to the 107th, 108th, and 109th Congresses, General Lorenz served as our principal budget liaison with the Air Force, providing clear, concise, and timely information on issues affecting sustainment, modernization and readiness of our airmen. Most importantly, he proved an essential conduit between appropriators in Congress and frontline combat operations during Operation Iraqi Freedom, Operation Noble Eagle, and the global war on terrorism. In his 4 years as Director of Budget, he developed, advocated, and executed over \$37 billion of warfighter requirements through supplemental appropriations. General Lorenz's leadership, professionalism, and expertise enabled him to foster exceptional rapport between the Air Force and the Senate, and enabled Congress to better understand Air Force priorities and programs.

I was pleased the President nominated and the Senate confirmed General Lorenz for his third star with assignment as Commander, Air University, Air Education and Training Command, Maxwell Air Force Base, AL. This higher grade and command are exceptionally well deserved. I offer my congratulations to him, his wife Leslie, and children, Tracy, Stephen, and Kelly. The Congress and country applaud the selfless commitment of his entire family to the Nation in supporting Steve's military career.

I know I speak for my colleagues in expressing my heartfelt appreciation to GEN Stephen Lorenz. He is a credit to both the Air Force and to the United States. We wish our friend the very best and are confident of his continued success in a new command.●

CELEBRATING THE DEDICATION
OF THE FEDERAL COURTHOUSE
BUILDING IN FRESNO, CALIFORNIA

● Mrs. BOXER. Mr. President, I rise to recognize the dedication of the Federal courthouse building in Fresno, CA, which is to occur October 18.

The magnificent Federal courthouse building will provide the much-needed space and capacity to effectively serve a region that is continuing to grow at a rapid rate. This building will help ensure the swift and efficient administration of justice to the people of the Fresno Division of the Eastern District, which covers the counties of Calaveras, Fresno, Inyo, Kern, Kings, Madera, Mariposa, Merced, Stanislaus, Tulare, and Tuolumne. Furthermore, this impressive edifice will be the most

tangible and powerful symbol of the American justice system to the people of the region.

In addition to meeting the needs of the court for additional space and related purposes, the Federal courthouse building will be a centerpiece and catalyst for the continued renaissance of downtown Fresno. The strikingly designed courthouse stands as part of the downtown skyline that continues to grow. I am particularly pleased that the Federal Government has been an integral partner in downtown revitalization with this and other projects. Together, they have brought thousands of employees to the area. I applaud the efforts of all those in the community who, through their commitment and dedication, helped make this latest addition to the downtown Fresno landscape a reality.

I hope this courthouse will ultimately be named for Senior U.S. District Judge Robert E. Coyle, a man who is widely and greatly admired and respected for his work as a judge. Judge Coyle has had a distinguished career as an attorney and on the bench. Appointed to California's Eastern Court in 1982, Judge Coyle has served the Eastern District for 20 years, including 6 years as a senior judge.

For over a decade, Judge Coyle has been a tireless champion of the effort to build this courthouse. He has been seen daily walking to and from the building site assuring that the job was done right, which I am proud to report is certainly the case. A courthouse building named in his honor will stand as a testament to the people of California of the distinguished career and the dedicated work of Judge Robert E. Coyle.

I am proud to commemorate the dedication of the Federal courthouse building in Fresno, and wish its occupants and the people of the Fresno Division of the Eastern District a bright future as we continue to work to bring justice and equality to all.●

THANKING AND CONGRATULATING
JANA DAVIS

● Mr. LAUTENBERG. Mr. President, each year at about this time, three dozen or so scientists descend on Capitol Hill looking to work for Members of Congress or congressional committees. They come to us offering their expertise and service free of charge, courtesy of the American Association for the Advancement of Science, AAAS. For over 30 years now, AAAS and its constituent professional societies have provided science fellows, and Congress and the Nation are better for it.

Science and technology dominate our lives and yet there are relatively few scientists and engineers engaged in formulating public policy, either as Members of Congress or as congressional staff. As Carl Sagan said, "We live in a society exquisitely dependent on science and technology, in which hardly anyone knows anything about

science and technology.” That is why the AAAS science fellows are so important.

Scientific expertise has never been more important than it is right now. The Bush administration and its allies in and out of government are pursuing policies that seem to depend on repudiating science on everything from the environment to biomedical research to education. Whether we are talking about global warming or stem cell research or teaching evolution, this administration and the majority here in Congress too often ignore or dispute the solid consensus that exists in scientific communities with regard to these and other crucial issues.

For the past year, I have been fortunate to have Dr. Jana Davis work in my office as a AAAS science fellow. Her tenure has come to an end and she will soon start a new job with the National Oceanic and Atmospheric Agency, NOAA, so I would like to take this opportunity to thank her for her service here in the Senate and to congratulate her on her new job.

Jana is a New Jersey native who went to Yale University for her undergraduate degree in environmental biology. She received her Ph.D. in oceanography from the Scripps Institution of Oceanography. After that, she served as a postdoctoral fellow and biologist at the Smithsonian Environmental Research Center. She has held various teaching jobs and has a lengthy list of scholarly publications to her credit.

In her short time here, Jana worked on a number of bills and became a trusted adviser on a range of scientific issues, especially those which fall under the jurisdiction of the Committee on Environment & Public Works and the Committee on Commerce, Science & Transportation—two of the three committees I serve on. For instance, Jana was the principal author of several measures I have introduced, including S. 1645, an ocean and coastal science literacy and education bill; S. 1635, a bill to protect deep sea coral habitat; S. 1619, a bill to reduce pesticide use in schools; and S. Res. 99, a resolution urging the U.S. delegation to the International Whaling Commission to press for an end to dolphin slaughter. Jana also drafted the “Save Climate SCIENCE”—Scientific Credibility, Integrity, Ethics, Non-partisanship, Consistency, and Excellence—amendment I offered to H.R. 6, the Energy bill. And she served as my representative in Commerce Committee staff negotiations on reauthorizing the Coastal Zone Management Act, ballast water exchange legislation, and the Magnuson-Stevens Fishery Conservation and Management Act.

Jana has done a superb job during her fellowship. I have relied on her scientific expertise and she has shown a great aptitude for public policy. I am grateful for her service and value her numerous substantive contributions. I regret that she is moving on but our loss here in the Senate is NOAA’s gain. She will do a superb job at NOAA.

I want to thank the American Geophysical Union for sponsoring Jana and the AAAS for sponsoring the science fellows program. The program is invaluable because it brings talented, energetic, and idealistic scientists like Jana Davis to Capitol Hill. We need more people like that here in Congress.●

RHODE ISLAND SCHOOL OF DESIGN SOLAR HOME IN SOLAR DECATHLON 2005

● Mr. REED. Mr. President, from October 7 through October 16, 2005, the National Mall will be transformed into a solar village. The Solar Decathlon 2005 will showcase 18 solar homes designed, built, and operated by university teams from across the United States as well as Canada and Spain. Each of the university teams chosen for the decathlon competed in 10 contests that measured the aesthetics and livability of the solar homes as well as their capacity to provide lighting, heat water, and run household appliances, including a TV, refrigerator, and computer. Each team demonstrated the ability to power an electric car from the energy harnessed by the solar home—an important achievement in this day of skyrocketing fuel prices. I am proud that the Rhode Island School of Design, known as RISD, is among the 18 participating teams in the Solar Decathlon.

The first Solar Decathlon, held on the Mall in 2002, received more than 100,000 visitors. The decathlon, sponsored by the U.S. Department of Energy’s Office of Energy Efficiency and Renewable Energy, aims to educate policymakers and the public about alternative energy sources to improve building design and quality of life. The competition motivates participating teams to use cutting-edge solar technologies, renewable materials, and energy-efficient building principles so that these features will become part of the mainstream of home design.

RISD’s solar home is a team effort on the part of more than 60 students and seven departments from both the Rhode Island School of Design and Brown University. The team was led by architecture faculty members, William Yoder and Jonathan Knowles. These students worked for 2 years on the production of an environmental and energy-smart home design while taking classes specifically geared toward this end. Last week, they transported their solar home to Washington, DC, for assembly on the National Mall.

The principle behind RISD’s design is to incorporate high-tech solar technologies with low-tech materials that increase energy efficiency. Through this combination, the students illustrated that designers and homeowners do not need to be well-versed in complex technologies to incorporate solar into their homes. Furthermore, many of the materials used in the RISD solar home, while having high insulation

values, are reclaimed—an effort on the part of the Rhode Island team to reduce construction waste.

As a design school, RISD was concerned about the attractiveness of the materials and design principles, which will improve the marketability of solar home features. Function and aesthetics led the team to incorporate both a roof garden and a louvered skin. The louvered skin is adaptable, so as to reflect heat during the day and keep in heat during cold nights. Moreover, the skin provides “chameleon-like” color variations and graphics that add to the home’s artistic style as it tracks the cycle of the sun. The roof garden brings an element of tranquility to the home’s design but is also a smart use of space for a home designed for an urban setting where a lawn is hard to find. This element is one that illustrates the team’s goal to blend the boundary between home and environment.

The Rhode Island team also created a home that is adapted to its surroundings. Since the home was designed as an urban dwelling, it uses a north/south orientation, allowing for the home to receive ample lighting if serving as a townhouse between adjacent homes. The RISD team took into account the expansion of its townhouse style to a community scale. With the addition of mirrored or identical units, the entire lot would collectively become more energy efficient. Furthermore, the variations in how these modules fit together would create open spaces that provide a private haven when juxtaposed against an urban backdrop.

The Rhode Island team applied great effort to the design of the “mechanical core” that runs the heating, cooling, plumbing, and electricity of the house. Centrally located, this unit minimizes the need for ducts and piping throughout the home, thereby increasing energy efficiency throughout the structure. RISD’s house is so efficient that it produces enough reserve energy from the sun that it will be able to power a car.

Upon conclusion of the competition, several teams will offer the homes that they designed and built for educational or living use. The RISD students intend to transport their solar home back to Providence, RI, where it will serve as an example of smart building design for the community.

The Solar Decathlon offers an opportunity to witness first hand the ingenuity of the participating teams and the innovative solutions available to Americans to reduce our energy demand and propel us on a cleaner and sustainable energy path. Visitors to the solar village will be able to tour each of the 800 square-foot homes and ask the students questions regarding their solar design and technology choices. Workshops are scheduled throughout the week for visitors to learn how to incorporate into their homes both active and passive solar energy, improved energy efficiency technologies, and biobased products. My