

ADDITIONAL STATEMENTS

STRENGTHENING EDUCATION
TECHNOLOGY THROUGH PART-
NERSHIP

• Mr. JEFFORDS. Mr. President, the federal investment in the area of education technology has been and continues to be critical in ensuring that schools in all of our states not only have technological capacity but are able to effectively integrate technology into the curriculum for the benefit of all children. The federal government has shown extraordinary leadership in this area through the funding it provides through the E-rate, the Technology Innovations Challenge Grant and Literacy Challenge Fund programs, to name a few. Still, making technology integral to and effective in the learning process is not something that can be done by the federal government alone. To be successful, it will require creating strong and committed partnerships of schools, teachers, institutions of higher education, local and state governments and of course the business community.

There are many businesses that are leading by doing—creating partnerships for the educational benefit of kids. They are investing time and resources in our nation's schools to help make technology a positive and powerful educational tool. Intel is one such company.

The Intel Teach to the Future program brings together expertise and resources from leading high-tech companies to improve technology use in the classroom. This comprehensive teacher development initiative has been designed to address the barriers teachers face in effectively applying computer technology to enhance student learning. In spite of the potential for technology to improve education, only 20% of today's 3.17 million teachers feel prepared to use technology in the classroom. Barriers to success include: lack of access to adequate equipment; lack of training on specific software tools; lack of training on tools to evaluate how, when and where technology should be applied to teach specific subject matter; and finally, lack of an evaluative process that measures success and provides for continuous improvement. Intel has learned from its own and others' experiences and partnered with leaders in the computer industry to deliver a program that can tackle these barriers head-on.

The Teach to the Future program provides a flexible, modular curriculum delivered by teachers for teachers. The training incorporates the use of the Internet, web page design and multimedia software. Every participant is guaranteed access in their classrooms to the hardware and software necessary to put their training into practice. The training of a cadre of local master teachers ensures the knowledge and expertise remains within the school district and provides for ongoing support.

Key elements of the Teach to the Future program include hands-on, face-to-face learning. The curriculum is based on the award-winning Intel ACE Project, authored by the Institute for Computer Technology. It has been delivered to some 3,200 teachers in nine communities over the last two years in cooperation with Microsoft Corporation and Hewlett-Packard Company. Responses from Intel ACE participants show that 98% of the participants found the training to be valuable; 97% developed new skills and knowledge and 94% felt the training would benefit their students. A follow-up study with teachers who participated in the training in 1998 found that more than 84% felt the use of computers had improved their instruction and more than 80% felt their students' learning was enhanced. I heard a great deal about the program that Intel sponsored in Washington, DC and was excited to learn of what a positive impact it had on students and teachers there.

Intel will develop online communities via its web site to support the Regional Training Agencies, Master Teacher and teacher participants. Some of the areas will facilitate administration of the program itself such as registration and evaluation; other services include case studies, a lesson plan database, and chat capability.

In its first three years the program will reach 100,000 teachers in the United States. Giving teachers the tools, know-how and confidence to apply technology effectively in the classroom will have a big payoff in improving educational opportunities for our nation's young people. I applaud Intel and its partners as well as all the other businesses for their commitment to education in the 21st century. •

REAR ADMIRAL JOAN M. ENGEL

• Mr. INOUE. Mr. President, I would like to take a moment to honor Rear Admiral (Upper Half) Joan M. Engel as she retires after more than thirty years of active duty service in the United States Navy. Rear Admiral Engel culminates her distinguished career as the Assistant Chief for Operational Medicine and Fleet Support at the Bureau of Medicine and Surgery. As the first non-physician officer in medical department history appointed to this position, Rear Admiral Engel brought a fresh dedication to improving Navy Medicine's ability to deploy health care worldwide. She formally directed sweeping changes to the missions of her subordinate commands and instituted many progressive initiatives such as: a robust Force Health Protection program; Chemical, Biological, Radiological and Environment agent threat assessment and education programs; the creation of Forward Deployed Preventive Medicine Units; the establishment of the Navy Operational Medicine Institute, a new command focused on advanced operational aviation, undersea, and surface medicine

training; and the complete restructuring of Navy Medical Research and Development laboratories and programs.

Rear Admiral Engel was the first female, and first Nurse Corps officer, to be selected by a board to the rank of a two-star Admiral within the Navy Medical Department. She served as the Director of the Navy Nurse Corps and Assistant Chief for Education, Training, and Personnel at the Bureau of Medicine and Surgery. Through collaboration with other military nursing leaders, Rear Admiral Engel ensured that a Bachelor of Science degree became the minimum level of education for entry into practice for military nurses, and championed the establishment of a military nursing constituency within the American Nurses Association. Rear Admiral Engel was instrumental in advancing the extensive Tri-Service Nursing Research Program which focuses on research to develop best practices for nursing care. Attuned to issues related to women in the Navy, her participation in the landmark 1990 Navy Women's Study Group was the catalyst for enhancing the delivery of culturally competent women's health care and increasing the number of operational assignments for Navy nurses. Her contributions are far-reaching, and will positively impact military nursing and health care for years to come.

Mr. President, more than fifty years ago, as I was recovering in a military hospital, I began a unique relationship with military nurses. Rear Admiral Engel embodies what I know military nurses to be—strong, dedicated professional leaders, stepping to the forefront to serve their country and committed to caring for our Sailors, Marines, Airmen, Soldiers and family members during peacetime and at war. Rear Admiral Engel's many meritorious awards and decorations demonstrate her contributions in a tangible way, but it is the legacy she leaves behind for the Navy Nurse Corps, the United States Navy and the Department of Defense for which we are most appreciative. It is with pride that I congratulate Rear Admiral Engel on her outstanding career of exemplary service. •

WINNERS OF THE 1999-2000 EIGHTH
GRADE YOUTH ESSAY CONTEST

• Mr. LUGAR. Mr. President, I rise today to congratulate a group of young Indiana students who have shown great educative achievement. I would like to bring to the attention of my colleagues the winners of the 1999-2000 Eighth Grade Youth Essay Contest which I sponsored in association with the Indiana Farm Bureau and Bank One of Indiana. These students have displayed strong writing abilities and have proven themselves to be outstanding young Hoosier scholars. I submit their names for the CONGRESSIONAL RECORD because they demonstrate the capabilities of today's students and are fine representatives of our Nation.