

scope of technical support to Petroleos Mexicanos (PEMEX) and other key clients, such as Agip, ExxonMobil, Conoco, ChevronTexaco, BP, and Statoil, as they expand their oil and gas production and transmission capacities. Our new strategic relationship with the Instituto Mexicanos del Petroleos is helping PEMEX develop complex “hybrid” risk management models and tools for its pipeline operations, install emergency management systems at its major refinery in Minatitlan, improve its pipeline integrity management, and conduct a major environmental and socioeconomic assessment of oil and gas production facilities in the Bay of Campeche.

Also in 2001, Battelle’s Geneva, Switzerland, office managed a major international conference on sediment contamination and treatment in Venice, Italy. Nearly 500 remediation experts from 40 countries participated.

Health and Human Services

Battelle works closely with the U.S. Department of Health and Human Services to protect and improve the nation’s health. Battelle continues to be the leading provider of toxicology research and testing for the National Institute of Environmental Health Sciences’ National



A Cherokee Nation physician discusses the importance of breast and cervical cancer early detection with a patient. Battelle is helping the Centers for Disease Control and Prevention adapt national programs to meet the unique needs of American Indian and Alaska Native women.

Toxicology Program. We support the Centers for Disease Control and Prevention by conducting evaluations on a wide range of health promotion and disease prevention programs and through our support of



Battelle is helping the National Cancer Institute and the U.S. Department of Defense determine why the incidence of testicular cancer among U.S. servicemen increased 78 percent between 1988 and 1996.

vaccine development programs. Our work with the National Cancer Institute on tobacco control and adolescent access to tobacco has contributed to more effective state and local programs. We also applied Web-enabled technologies to assist the Food and Drug Administration in responding to emergencies, including those that result from threats or acts of terrorism.

Transportation

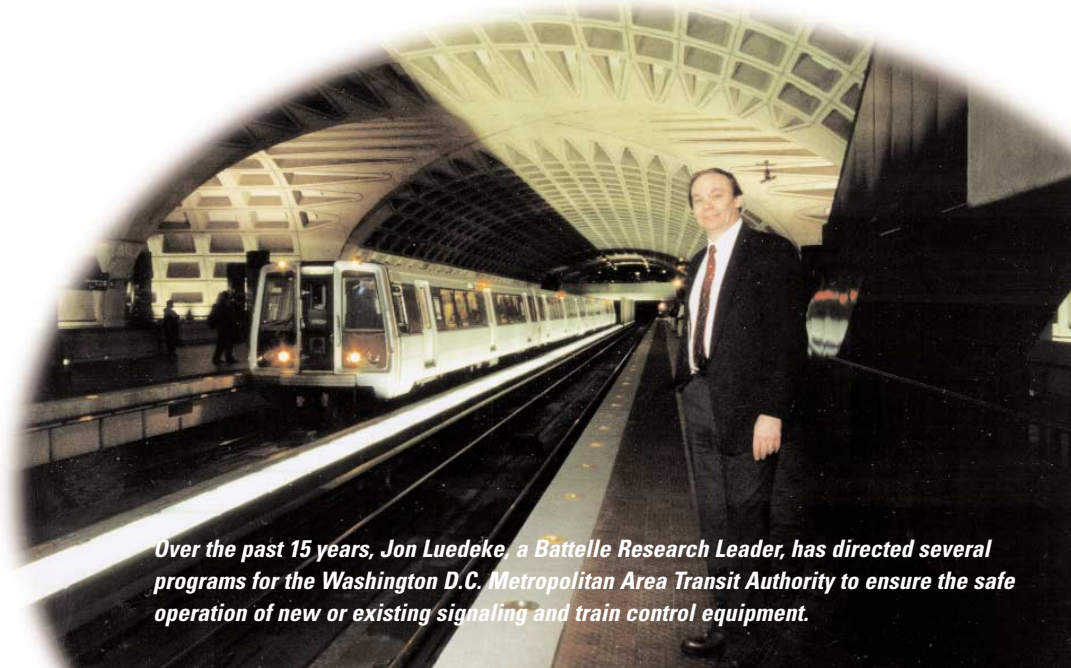
Battelle develops and deploys creative technology solutions to meet the challenges facing the U.S. Department of Transportation, other federal and state transportation agencies, and the commercial transportation industry.

We deliver high-value, technology-oriented solutions in the areas of aviation, transit and highway safety, and aviation security. We're working with several rail suppliers and operators to ensure that new, advanced train control systems improve safety while increasing the throughput on the existing rail infrastructure.

Our aviation security business builds on two of our core businesses: national security and transportation. Drawing on key technical capabilities from across Battelle, our multidisciplinary approach

to aviation security capitalizes on our expertise in counterterrorism, explosives technology, security, and transportation safety, as well as our experience in chemical and biological weapons detection and countermeasures for the U.S. Army and the U.S. Department of Energy.

In 2001, staff at Battelle's Mountain View, Calif., office earned NASA's Ames Honor Award for 25 years of outstanding management and operation of the Aviation Safety Reporting System. Since 1976, ASRS has received over 550,000 aviation incident reports from pilots, air traffic controllers, cabin attendants, mechanics, and other aviation personnel.



Over the past 15 years, Jon Luedeke, a Battelle Research Leader, has directed several programs for the Washington D.C. Metropolitan Area Transit Authority to ensure the safe operation of new or existing signaling and train control equipment.