



*As the Air Force evolves to take on the challenges of the 21st century, Battelle continues to be a trusted partner providing innovative, affordable technologies and solutions in the areas of information*

*technology, electronics and avionics, advanced materials, chemical and biological defense, and environmental compliance and remediation.*

less acquisition systems. Battelle supports state and local governments in automating business processes through IT insertion, and we develop and deploy data collection, transfer, storage and assessment systems for commercial clients to enhance their product and service offerings.

Battelle directly supports the Air Force warfighter by providing research and development in key technologies for applications includ-

ing the protection of electronic components in Air Force weapon systems against tampering, development of maintenance tools for low observable platforms, and signal data processing to provide automatic target recognition using advanced sensors.

## NASA

Battelle continued to expand its federal technology transfer and commercialization activities for NASA, the Office of Naval Research, the Small Business Administration, and the EPA at its new Chicago offices. We'll soon help bring a state-of-the-art, high-performance/supercomputing work environment on-line to transfer



*In 2001 Battelle formulated a teaming agreement with Boeing, Universities Space Research Association, and Futron to pursue the creation of a Space Station Research Institute.*

advanced information technology tools and techniques to the government and private sector. The Illinois Coalition and the University of Illinois have teamed with us to implement these new projects.

Battelle also continued to influence the future economic development of several states, regions, and localities through the Technology Partnership Practice (TPP). The Bioscience Technology Strategy Framework in Georgia, IT Workforce Initiative in Connecticut, Long Island Millennium Center for Convergent Technologies design, and the Pittsburgh Bio Venture/Life Sciences Greenhouse Initiative prospectus are products of TPP.

Battelle's progress in managing the Glennan Microelectronic Systems Initiative—a joint NASA/Ohio technology accelerator—resulted in the spin out of FiberLead, a silicon carbide MEMS fabrication firm. The initiative also created a nonprofit entity to capture the future value of the Glennan research activities.

## Environment

Battelle is working on a 5-year, multimillion dollar project with the U.S. EPA's National Risk Management Laboratory to develop, test and evaluate innovative decontamination technologies at a former manu-

factured gas plant site in Bedford, Ind. Thousands of these sites exist in the United States and Europe, with the cost of decontamination estimated in the billions.

The international oil and gas industry and their related environmental, safety and security issues represent a strategic focus of our U.S. and European environmental technologists. We provide a broad

"The Bedford, Indiana, project has become a showcase for field remediation evaluation efforts in general and within our R&D program in particular."

**Richard Brenner**, U.S. EPA Program Manager

*(From left) Deirdre Dahlen and Bill Steinhauer, Battelle, and Laureen Borochaner, U.S. Army Corps of Engineers (USACE), review plans at the Centredale Manor Superfund Site along the Woonasquatucket River in Rhode Island. Battelle is conducting ecological risk assessments at the site for the U.S. Environmental Protection Agency and the USACE. The assessments will be used for cleanup strategies. The dam in the background was built to lessen the effects that contaminants may be having on the river until the cleanup can be completed.*

