



## 2007 FLC Midwest Region Awards

### Excellence in Technology Transfer Award

This regional award is presented to an employee or team of employees of a Midwest Region member laboratory in recognition of outstanding work during the transfer of a technology between a federal laboratory and another entity. This year, the award winners are:

***Biomarker Discovery and Biomonitor Device Development Team, Air Force Research Laboratory, Human Effectiveness Directorate.*** Researchers at the Air Force Research Laboratory's Human Effectiveness Directorate, Biosciences and Protection Directorate, Applied Biotechnology Branch are condensing a complex, laboratory-based detection and diagnostic capability into a palm-sized device that warfighters and emergency first-responders can carry into the field to check for critical changes in their biochemical makeup following exposure to chemical or biological agents. AFRL/HE leveraged more than ten technology transfer agreements of various types to accelerate technology development. Researchers also organized the first Tri-Service Biomarker and Biomonitor Conference at Wright-Patterson AFB (cosponsored by the Joint Science and Technology Office of the Defense Threat Reduction Agency), where the nation's top bioscientists exchanged knowledge and galvanized their biomarker research efforts. The success of the program to date has attracted more than \$1 million in additional Congressional funding to the \$20 million program, opening the door to expanded research in this specialty area. Biomarker discoveries are easily transferable and are expected to play a role in developing methods for protecting civilians from chemical and biological exposure, and will also translate into diagnostic and treatment methods for military personnel and civilians.

The Biomarker Discovery and Biomonitor Device Development Team includes the following individuals:

- Major Diane Todd
- Dr Camilla Mauzy
- Mr. Claude Grigsby
- Dr Nicholas DelRaso
- Dr Victor Chan
- Dr Wanda Lyon
- Dr John Schlager
- Mr. Scott Hall
- Mr. David Sikora