

William R. Wiley

# EMSL In Brief

Environmental Molecular Sciences Laboratory

## Researchers Named Fellows of the AAAS

Five scientific researchers as well as current and past users of the Environmental Molecular Sciences Laboratory, all from the Pacific Northwest National Laboratory, were named 2006 Fellows of the American Association for the Advancement of Science (AAAS).

- James K. Fredrickson was selected for his leadership in the field of microbial ecology and environmental microbiology, with emphasis on subsurface microbiology and biogeochemistry.
- Richard D. Smith received the honor for his leadership in analytical chemistry, specifically in the development of advanced separation methods with high-performance mass spectrometry for high-throughput proteomics.
- S.K. Sundaram was selected for his leadership and innovative contributions to a diverse cross-section of materials sciences, particularly new tools for synthesis and characterization of novel materials, diagnostics, and nanomaterials.
- William J. Weber received the honor for his leadership and innovative research on defects, ion-solid interactions, and radiation effects in ceramics, particularly modeling and simulations of radiation damage processes.
- John M. Zachara was selected for his distinguished contributions to environmental science, particularly for his work on the chemical and microbial processes affecting subsurface contaminant transport at the Hanford Site.



*Fredrickson*



*Smith*



*Sundaram*



*Weber*



*Zachara*

The five distinguished researchers will be honored at the AAAS Annual Meeting on February 17, 2007, in San Francisco. For more information, contact Mary Ann Showalter (509-376-5751).

P.O. Box 999 Richland, WA 99352 • <http://www.emsl.pnl.gov> • 509-376-2553