

William R. Wiley

EMSL In Brief

Environmental Molecular Sciences Laboratory

Bruce Kay Appointed National Science Advisor

Environmental Molecular Sciences Laboratory user Bruce D. Kay was recently appointed to the Basic Energy Sciences Advisory Committee. This committee helps solve challenging scientific and technical issues for BES, part of the U.S. Department of Energy's Office of Science. Through BES, researchers expand the scientific foundations for energy technologies and understand and mitigate the environmental impacts of energy use.

As a part of the 25-member committee, composed of experts from academia, national laboratories, and other institutions, Kay will make recommendations on research and facilities priorities, appropriate balance among scientific disciplines, and collaboration among research institutes and industries. Undersecretary for DOE's Office of Science Dr. Raymond Orbach selected Kay for this assignment.

Kay, a researcher at Pacific Northwest National Laboratory, was chosen for his internationally recognized leadership in the chemical sciences. At EMSL, he conducts BES-funded research in condensed phase chemical kinetics and molecular dynamics aimed at gaining a detailed physical understanding of the molecular-level interactions responsible for phase transitions and catalytic chemical reactions. A Fellow of the American Physical Society, AVS: Science and Technology of Materials, Interfaces, and Processing, and the American Association for the Advancement of Science, Kay has written more than 120 journal articles and technical reports, and presented nearly 200 invited lectures. Kay is also Affiliate Professor of Physical Chemistry at the University of Washington (1997-current) and Visiting Professor of Chemical Physics at the University of Liverpool. (2006-2009).

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