

William R. Wiley

EMSL In Brief

Environmental Molecular Sciences Laboratory

Zhang Invited to 2008 German-American Frontiers of Engineering Symposium

Yanwen Zhang, a researcher at the Department of Energy's Environmental Molecular Sciences Laboratory, has been invited by the National Academy of Engineering to attend the 2008 German-American Frontiers of Engineering Symposium.

The symposium, to be held April 25 – 27, 2008, at the National Academies' Beckman Center in Irvine, California, is organized by the NAE and the Alexander von Humboldt Foundation.

The symposium will host about 60 outstanding engineers, generally not older than 45, from U.S. and German industry, universities, and government labs to discuss leading-edge research and technical work across a range of engineering fields. The NAE believes that convening engineers from disparate fields and challenging them to think about developments and problems at the frontiers of areas different from their own will lead to a variety of desirable results, including collaborative work, the transfer of new techniques and approaches across fields, and establishment of contacts among the next generation of leaders in engineering. The U.S. Frontiers of Engineering Symposium began in 1995 and expanded to the German-American Frontiers of Engineering Symposium in 1998.



Yanwen Zhang

Zhang joined Pacific Northwest National Laboratory—on whose campus EMSL resides—in 2003, and was a 2005 recipient of the Presidential Early Career Award for Scientists and Engineers, the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers. She was nominated and selected for that prestigious award in recognition of her research in the fields of ion-beam physics and ion-solid interactions, especially in the field of electronic stopping in solids. With more than 100 publications and several long-term international research collaborations, she is recognized for her contributions in ion-solid interactions, irradiation effects and ion beam techniques. She also is active in several professional societies, has received many international scientific and academic awards and is involved in educational activities and community service.

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National Laboratory**
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U.S. Department of Energy



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February 20, 2008