

*[Individually addressed copies of this letter were sent to the Chairs and Ranking Members
of the House and Senate appropriations committees]*

February 14, 2006

Dear Senator:

The undersigned organizations strongly urge you to significantly increase appropriations directed to research on the health and environmental implications of nanotechnology. Although the National Nanotechnology Initiative (NNI) has an annual budget of more than \$1 billion, health and environmental implications research currently accounts for less than 4% of that amount (\$38.5 million for FY06).

Nanotechnology, the design and manipulation of materials at the molecular and atomic scale, is one of the most exciting fields in high technology – one that could revolutionize the way our society manufactures products, produces energy, and treats diseases. Myriad applications of nanomaterials, which can exhibit a range of novel or enhanced properties, hold great promise, but much more needs to be known about their potential risks.

While industry, academic, and government scientists continue to vigorously explore nanotechnology's potential *applications* in a wide variety of fields, such as groundwater cleanup and cancer therapy, research on nanotechnology's potential health and environmental *implications* has failed to keep up. Federal research is essential to providing the underlying methods and tools critical to developing a fundamental understanding of the risk potential of nanomaterials and nanotechnologies – methods and tools that all producers and users can then use to fulfill their appropriate responsibility to identify potential risks of their own materials and applications. With increased federal funding, our society will be in a stronger position to address such risks while these materials are still in an early stage of development and commercialization. An early and open examination of the potential risks of a new product or technology is critical to responsible product development and technology application.

We appreciate your consideration of this request. For further information, please contact Mr. Terry Medley, Global Director, Corporate Regulatory Affairs, DuPont, at (302) 773-3191, or Ms. Karen Florini, Senior Attorney, Environmental Defense, at (202) 387-3500.

Sincerely,

Air Products & Chemicals, Inc.
Altair Nanotechnologies Inc.
Arkema, Inc.
BASF Corporation
Bayer
Carbon Nanotechnologies, Inc.
Degussa
DuPont
Environmental Defense
Foresight Nanotech Institute

Houston Advanced Research Center
International Council on Nanotechnology
Lux Research, Inc.
NanoBusiness Alliance
Natural Resources Defense Council
PPG Industries, Inc.
Rohm and Haas Company
Sasol North America
Union of Concerned Scientists