



BCST

BOARD ON CHEMICAL SCIENCES & TECHNOLOGY

Correction: The NSF workshop entitled, "Excellence Empowered by a Diverse Academic Workforce: Achieving Racial and Ethnic Equity in Chemistry" was jointly funded by NSF, DOE, and NIH. We apologize for the misprint.

THE NATIONAL ACADEMIES

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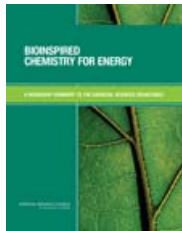
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Report Releases

The BCST would like announce the release of the following recent reports. For more information, please visit the [BCST reports page](#).



[Bioinspired Chemistry for Energy: A Workshop Summary to the Chemical Sciences Roundtable](#)



[Benchmarking the Competitive-ness of the United States in Mechanical Engineering](#)



[Soldier Protective Clothing and Equipment](#)

New Studies

Prudent Practices in the Laboratory: An Update

The National Academies, through its Board on Chemical Sciences and Technology, will review and update the 1995 publication, [Prudent Practices in the Laboratory: Handling and Disposal of Chemicals](#). It will modify the existing content and add content as required to reflect new fields and developments that have occurred since the previous publication. Emphasis will be given throughout to the concept of a "culture of safety" and how that culture can be established and nurtured. Both laboratory operations and adverse impacts those operations might have on the surrounding environment and community will be considered.

Effectiveness of National Biosurveillance Systems: Biowatch and the Public Health System

In response to a Congressional request, the Institute of Medicine and the National Research Council will evaluate national biosurveillance systems to detect biological threats. It will compare the relative merits, and current and potential capabilities, of the BioWatch monitoring system and US hospital and public health system in detecting and responding to such an event.

Visualizing Chemistry Symposium

BCST has organized a symposium on chemical imaging at the August 17-18, 2008 American Chemical Society National Meeting in Philadelphia, Pennsylvania. Entitled "Visualizing Chemistry: Advances in Chemical Imaging," this three-day symposium will highlight the latest advances and future promise of techniques to image molecular-scale processes in real time. The symposium is based on the key research areas identified in the National Academy of Sciences report [Visualizing Chemistry: The Progress and Promise of Advanced Chemical Imaging](#), and is intended to focus on advances in the field since that publication's release in 2006.

BCST thanks corporate sponsors Eli Lilly, Bruker, Continuum Lasers, and Gatan Imaging for helping to cover travel costs for most of the invited speakers.

NSF Workshop Report

In September 2007, NSF, DOE, and NIH sponsored a workshop entitled, "Excellence Empowered by a Diverse Academic Workforce: Achieving Racial & Ethnic Equity in Chemistry". The workshop summary, along with additional information, can be found [here](#).

Corporate Sponsors Program

We would like to send our thanks to the Dow Chemical Company and Corning, Inc. for their continued support for general BCST activities. As a BCST Corporate Sponsor they, along with others, provide a flexible source of funding for costs not covered by federal or foundation funds. Strong corporate support can enhance BCST's ability to identify issues, develop new study ideas, and bring them to the attention of federal policy makers. If you are interested in obtaining information on the Corporate Sponsors Program, please contact [Sybil Paige](#).

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