

NIST: Promoting U.S. Innovation and Industrial Competitiveness

Nanotechnology Partnership Forum
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National Institute of
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U.S. Department of Commerce



NIST Today: Mission

To promote U.S.
innovation and industrial
competitiveness by
advancing

measurement science,
standards, and
technology

in ways that enhance
economic security and
improve our quality of life



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NIST At A Glance

Major Assets

- ~ 2,900 employees
- ~ 4,000 associates and facilities users
- ~ 1,600 field staff in partner organizations
- ~ 400 NIST staff serving on 1,000 national and international standards committees

Major Programs

- NIST Laboratories
- NIST User Facilities
- Baldrige National Quality Program
- Manufacturing Extension Partnership
- Technology Innovation Program

Center for Nanoscale
Science & Technology



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Advanced Measurement
Laboratory

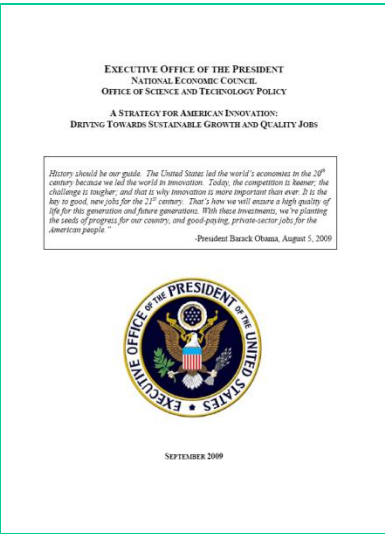


Advanced Chemical
Sciences Laboratory



NIST Center for Neutron Research

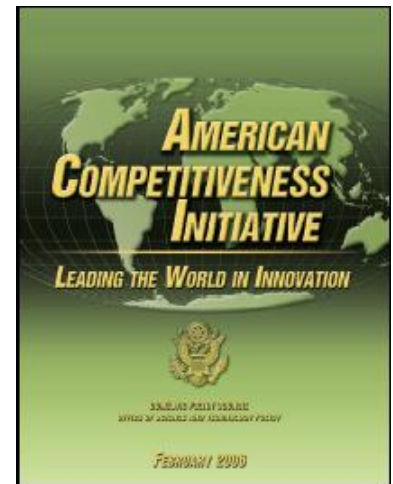
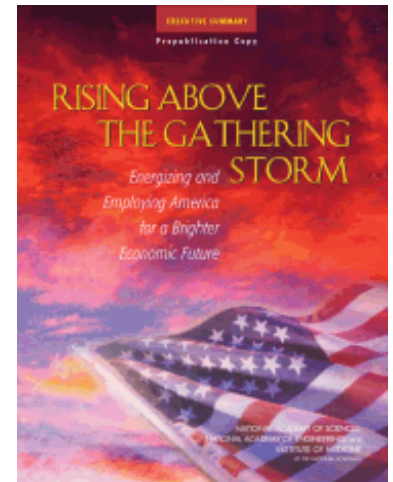
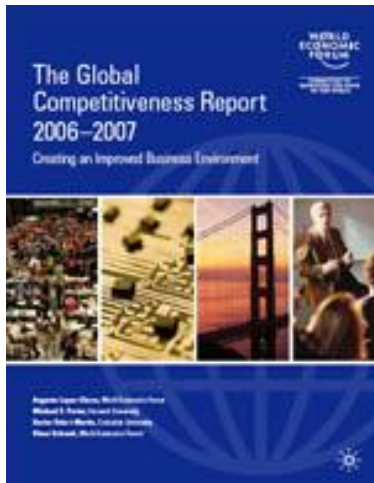
The World is Changing...



We face significant challenges to our global competitiveness.

Leaders in government, industry and academia recognize these challenges.

NIST supplies key infrastructure enabling innovation to enhance our competitiveness.



World Class Staff and Facilities

Broad range of technical expertise in measurement science, standards and technology

- Bioscience & Health
- Building and Fire Research
- Chemistry | Math | Physics
- Electronics & Telecommunications
- Energy Environment/Climate
- Information Technology
- Manufacturing
- Materials Science
- Nanotechnology
- Public Safety & Security
- Quality
- Transportation

NIST
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Welcome!

Special Thanks to

- The Federal Laboratory Consortium, Mid-Atlantic Region
- Maryland Technology Development Corporation
- The Montgomery County Department of Economic Development

Optional Tours

- The NIST Center for Nanoscale Science & Technology
- Several Nanotechnology NIST laboratories

We look forward to collaborating with you!