

NATIONAL INSTITUTE of STANDARDS and TECHNOLOGY (NIST)

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NIST

- **Mission** – *to develop and promote measurement, standards, and technology to enhance productivity, facilitate trade, and improve the quality of life.*
- **Interests** – Established by Congress in 1901
 - Intramural Program: world-renowned scientists and engineers, unique research facilities, close connections to industry, core competency in quantitative physical measurements
 - Focus areas in nano, bio, IT, homeland security, manufacturing
 - Top-level directive to build strategic partnerships
 - Joint Postdoc Program with NIH at the Interface of Physical and Biological Sciences
 - Extramural Programs: ATP, MEP, BNQP

NIST

- **Opportunity** – Quantitative Biology
 - Converging technologies; Nano, Bio, IT
- **Barrier** – Intra-agency communication/procedures
 - cultural, financial, general knowledge
- **Action** – Identify key problems/needs at the interface of life/physical science; OSTP/OMB Guidance Memo
 - financial incentives