

NSF 01-32



**NSF Dear Colleague Letter
Budget Update and Summary by Engineering on
Information Technology Research in FY01**

December 18, 2000

Dear Colleagues,

The VA, HUD, and Independent Agencies appropriations legislation for FY01 has been signed by the President. The legislation provides a 13.6% or \$ 510 million increase for NSF, the largest dollar increase ever. Specifically for the major initiatives at NSF, the appropriations include:

- \$ 150M for Nanoscale Science and Engineering (NSE), an increase of \$52.7M
- \$ 215M for Information Technology Research (ITR), an increase of \$125M
- \$ 75M for Biocomplexity in the Environment (BE), an increase of \$25M.

Regarding ITR, it is described in announcement NSF 00-126 (<http://www.nsf.gov/cgi-bin/getpub?nsf00126>). It includes the following budget categories and deadlines for proposal submission:

- **Large Projects:** < \$15M for 5 years, one Full proposal submission per institution (as lead)
— *Preproposals due Dec. 4-6, 2000; Full Proposals due April 23-25, 2001*
- **Group Projects:** <\$5M for 5 years
— *Preproposals due November 27-29, 2000; Full proposals due April 9-11, 2001*
- **Small Projects:** <\$500K for three years
— *Proposals due January 22-24, 2001*

Additional information related to the ITR initiative, Awards Listings for ITR in FY00, responses to FAQs, and expanded discussions of Directorate-specific suggested research topics can be found at www.itr.nsf.gov. For the Engineering Directorate, the targeted research areas are

- Engineering Simulations (See the section on Applications in S&E),
- Process Modeling for the Service Sector (in the section on Applications in S&E), and
- Tetherfree Communications and Networking (in section on Scalable Information Infrastructure).

Detailed definitions of relevant research areas can be found in the sections of the announcement on Applications in S&E and Scalable Information Infrastructure at the ITR web site www.itr.nsf.gov. Besides responses to general FAQs at this web site, there is also a separate Panel FAQ section for those who have an interest in volunteering as a candidate panelist for reviewing proposals in the ITR competition. If you have any questions about this program, the individual Directorate contacts are listed in the announcement (NSF 00-126); additional contacts are also listed at the end of each section at www.itr.nsf.gov.

For further information about these and other programs, I suggest you visit our web site on a regular basis.

Sincerely,

Louis A. Martin-Vega, Ph.D., P.E.,
Acting Assistant Director of NSF for Engineering

NSF 01-32