For the purpose of informing interested faculty, please be aware of the following opportunity. Please note that the other recipients of this announcement could be potential collaborators on this opportunity.

**NSF-10-551: Software Infrastructure for Sustained Innovation (SI²)**

(IF you are interested in submitting for this opportunity please submit a Notification of Interest to Dr. Greg Reed (gdreed@utk.edu) by 3/23/2010. This submission will enable the Office of Research to assist in areas such as team formation, partnership opportunities, etc.)

The National Science Foundation is seeking applications for the Software Infrastructure for Sustained Innovation (SI²) program. This program has the overarching goal of transforming innovations in research and education into sustained software resources that are an integral part of the cyberinfrastructure.

An individual may participate as Principal Investigator, co-Principal Investigator or other Senior Personnel in at most two full proposals in each annual competition. The SI² program envisions three classes of awards- The FY 2010 SI² competition will be limited to SSE and SSI awards.

1. **Scientific Software Elements (SSE):** SSE awards target small groups that will create and deploy robust software elements for which there are a demonstrated need, encapsulating innovation in science and engineering. The effort targeted by a SSE award is up to a level roughly comparable to: summer support for two investigators with complementary expertise; two graduate students; and their collective research needs (e.g. materials, supplies, travel) for three years.

2. **Scientific Software Integration (SSI):** SSI awards target larger groups of PIs organized around common research problems as well as common software infrastructure, and will result in a sustainable community software framework. The effort targeted by a SSI award is up to a level roughly comparable to: summer support for three to four investigators with complementary expertise; three to four graduate students; one or two senior personnel (including post-doctoral researchers, software developers, and staff); and their collective research needs (e.g., materials, supplies, travel) for three to five years. The integrative contributions of the SSI team should clearly be greater than the sum of the contributions of each individual member of the team.
3. **Scientific Software Innovation Institutes (S2I2):** S2I2 awards will focus on the establishment of long-term community-wide hubs of software excellence. These hubs will provide expertise, processes, resources and implementation mechanism to transform computational science and engineering innovations and community software into robust and sustained tools for enabling science and engineering. S2I2 proposals will bring together multidisciplinary teams of domains scientists and engineers, computer scientists and software engineers, technologists and educators.

For detailed information about this opportunity please see the program description ([NSF-10-550](#)). To find more opportunities from this agency, please see [here](#).

**A Letter of Intent is required.** Letters of Intent are **due by May 10th, 2010.**

Cost sharing **is not** required. Please see the solicitation for complete award information.

**Deadline for Proposal to OR-Sponsored Programs: 7/7/2010**
(Please see the solicitation for complete application & submission information.)

Please contact Sponsored Programs (4-2402) with questions regarding proposal submission requirements for all tracks.

**Deadline for Proposal Submission to Agency: 7/14/2010**

If you have any questions regarding this announcement please contact:

**Dr. James Lloyd**
Professor and Coordinator of Electronic Research Administration
UT Knoxville Office of Research
Phone: (865) 974-0390
E-mail: [jlloyd@utk.edu](mailto:jlloyd@utk.edu)