



SURA Grid Infrastructure Specialist (Washington, DC area preferred)

Southeastern Universities Research Association, Inc. (SURA – www.sura.org) is a consortium of over sixty research universities, primarily in the southeast region, whose major collaborative programs in nuclear physics, coastal research, and information technology, have earned it a national and international reputation for bringing scientific, research and development, and technological issues to the forefront. SURA's mission to increase the scientific capacity of our region and the nation has been manifested in its construction, management and operation of the Department of Energy's Thomas Jefferson National Accelerator Facility (Jefferson Lab) in Newport News, Virginia, now operated by SURA as the majority partner in the Jefferson Science Associates, LLC, with Computer Sciences Corporation, ATD. SURA's first technology transfer success resulted in the lucrative sale of a regional inter-network, SURAnet, to private industry. Currently, SURA is a leader in a national effort to coordinate several coastal research groups to play a major role in addressing the nation's coastal and ocean issues recently reported by the U.S. Oceans Commission and the Pew Commission.

SURA is currently seeking qualified candidates for the position of Grid Infrastructure Specialist to provide technical leadership for SURA's regional grid computing initiative, SURAggrid. SURAggrid is a highly collaborative distributed grid computing program that combines computational resources and technical expertise from participating institutions to provide a shared regional high performance computing infrastructure in support of research and education. SURAggrid currently provides access to approximately 10 TeraFlops of computational capacity and this is expected to grow substantially over the next year through creative partnerships with commercial providers of HPC systems and services. SURAggrid is being developed to be the high performance computing infrastructure that will underpin many of SURA's major scientific, research, and technological programs.

The Grid Infrastructure Specialist will provide technical advisement, coordination and assistance in support of SURAggrid. The successful candidate will play a major role in the development and implementation of a SURAggrid operations and support plan, serving as a technical resource for program planning and development in all SURA IT programs and initiatives. This is a significant opportunity for a highly qualified individual to make frequent contact with the academic research community, grid development community, corporate partners, grid technology standards bodies, and other synergistic organizations, as SURAggrid continues to develop.

Qualifications to be considered for this position: Bachelors degree in engineering or computer science, or equivalent combination of related undergraduate coursework and specialized training and experience (advanced degree desirable); at least three years experience in the design, planning, deployment, operation and management of distributed information technologies or environments, with demonstrable success in project facilitation, leadership or management; general understanding of grid concepts, technologies and directions, particularly related to the sharing of resources across organizational boundaries. Direct experience with one or more of the following related areas is required: high performance computing operations and management, identity management and security; portals and user interfaces; meta-services for scheduling, accounting, operations; integration of heterogeneous systems.

We invite you to submit to jobs@sura.org your resume along with a cover letter articulating how you could contribute to SURA and the SURAggrid program. You should clearly describe the currency and relevance of your knowledge, skills and abilities, past experiences and current interactions in the IT arena. Please include the names and e-mail addresses of three professional references. SURA offers a very competitive compensation and benefits package, including relocation assistance for the successful candidate. SURA may also consider a telecommuting work arrangement for a highly qualified candidate.

SURA is an equal opportunity employer and values diversity in our workforce.