



Education Outreach Director

Joint Institute for Computational Sciences High Performance Computing Facility

Summary:

The University of Tennessee (UT) is seeking an individual with a proven track record as an Educational Outreach Director for the Joint Institute for Computational Sciences (JICS) High Performance Computing (HPC) Facility. Pre-eminence in high performance computing is increasingly critical to maintaining U.S. scientific and technological leadership. JICS is planning the acquisition and deployment of a high performance computing system to enable the National Science Foundation's (NSF) science and engineering communities the capability to address some of their most computationally challenging research needs. The position reports to the Group Leader, User Assistance & Outreach Group in the JICS HPC Facility.

The JICS hosts the nation's largest high performance computing facility. One of the center's primary missions is to expand the community of users of the facility, increase the diversity of researchers able to effectively make use of petascale computers, and establish a pipeline of potential users through educational activities focused on the undergraduate, graduate and post-graduate levels.

Responsibilities and Qualifications:

Responsibilities of the position include, but are not limited to:

- Providing strategic vision and direction of Education, Training, and Outreach at the JICS High Performance Computing Facility
- Contributing at every stage of the planning and implementation process by identifying needs of researchers and students
- Matching needs with technological approaches, instructional methods and modern pedagogical theories
- Coordinating with User Support and other center staff in the implementation of education outreach activities
- Identifying services (personnel, financial, technological, facilities, supplies, etc.) needed and pursuing supplementary support (e.g., grants, partnerships) as appropriate to ensure successful execution of strategy
- Networking with regional and national academic and government institutions to establish partnerships for the purpose of developing and leveraging programs and activities to meet the center's education outreach mission
- Building awareness of the center's education outreach activities and accomplishments
- Working closely with the Communications Coordinator
- Designing and executing feasibility and acceptance studies
- Identifying educational outcome indicators and analyzing the results and findings
- Planning, designing, implementing, and evaluating accepted educational innovations

Qualifications Required: The successful candidate must have a B.S. with 3-5 years experience or equivalent combination in an outreach education or science education, although a Master's degree is preferred.

Other Requirements:

- Knowledge of new media and distance learning
- Relevant experience at graduate institutions or government facilities desirable
- Background in computer science, physical or life sciences a plus
- Some travel required
- Strong organizational, communication and leadership skills
- Self-starting, able to work independently with strong attention to detail and follow through
- Exceptional customer/relationship management skills
- Flexible personality
- Excellent interpersonal, verbal, written presentation and organization skills

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