



**Scintillation Materials Research Center**

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**Postdoctoral Position in the Scintillation Materials Research Center  
at The University of Tennessee**

We have an immediate opening for a post-doctoral research associate in the Scintillation Materials Research Center (<http://www.engr.utk.edu/smrc/>). The successful candidate is expected to have a strong research background in crystal growth, scintillation mechanisms and characterization techniques. The primary duties of this position are to carry out research related to the crystal growth of hygroscopic halide scintillation materials. Activities include crystal growth, raw materials purification, growth furnace assembly and materials characterization. Presentation of research results at international conferences and publishing of research results in peer-reviewed journals is expected. Mentoring of graduate and undergraduate students is considered to be an important responsibility.

The University of Tennessee is located in Knoxville, recently rated “best place in the U.S. for new college graduates to live and work,” according to ERI Economic Research Institute, a compensation research firm specializing in salary survey and cost-of-living studies. This comes on the heels of a “ninth hottest area of the country to do business” ranking and a five-star rating for quality of life, not to mention the picturesque peaks and lakes and the Great Smoky Mountains National Park less than an hour away.

The University of Tennessee has been a cultural, intellectual, and economic hub of Knoxville for more than 200 years, as well as the flagship institution of the state of Tennessee. The campus offers abundant resources, including museums, theater, music, art, libraries, and stimulating speakers. Nationally contending athletic teams, both men’s and women’s, boost the area economy, as do the 26,000 UT students. The partnership between UT and the nearby Oak Ridge National Laboratory, the nation’s largest science and energy lab, adds numerous opportunities. Startup of the \$1.4 billion Spallation Neutron Source, the world’s fastest supercomputer at ORNL, the new Governor’s Chair appointments of world-class scientists, and four joint research institutes promise to extend the university’s strong tradition of research and education.

Candidates must have a doctoral degree in materials science, chemistry, physics, nuclear engineering, or a related field. Candidates can apply to Mariya Zhuravleva [mzhuravl@utk.edu](mailto:mzhuravl@utk.edu) with CV and contact information for three references.