Postdoctoral Research Position in Solid Earth Geophysics

The Computational Center for Fundamental and Applied Science and Education (CREST) at North Carolina Central University (NCCU) invites applications for a postdoctoral position in the area of seismotectonics. We seek candidates whose interests lie in the understanding of tectonics of the stable continental areas with emphasis on the investigation of seismic zones in the eastern and central US. The research will be a collaborative effort between the Department of Environmental, Earth and Geospatial Sciences (EEGS) at North Carolina Central University (NCCU) and the Center for Earthquake Research and Information (CERI) at the University of Memphis, TN. Advanced techniques of geophysical imaging, such as ambient noise data processing and the joint inversion of seismological and potential field data, will be used to resolve the geological structure of the lithosphere in the eastern United States. A Ph.D. in geophysics or related field is required at the time of appointment and experience in seismological and/or potential field data analysis, inversion code and computational programming is highly desirable, as well as capability of working with a large degree of independence. The position will also offer possibility of field work in order to carry out a gravity measurement campaign in the eastern Tennessee seismic zone. The position is awarded for a one-year period and renewable for up to four years, with an annual salary of $50,000 and generous budget for travel to national and international conferences and training workshops. Applicants should submit (1) curriculum vitae; (2) names and contact information for three references to Dr. Gordana Vlahovic at gvlahovic@nccu.edu. Consideration of applications will begin immediately and continue until the positions are filled. North Carolina Central University is an EEO/AA employer.