



Opportunity for Ph.D. Research Fellowship in Real-Time, Risk Informed Structural Health Monitoring of Nuclear Facilities

The Energy Production and Infrastructure Center (EPIC) at the University of North Carolina is pleased to announce an opportunity for one Ph.D. Fellowship award sponsored and jointly-managed by the Electric Power Research Institute (EPRI). The selected candidate will be provided an exciting opportunity to interface closely with EPRI nondestructive evaluation (NDE) engineers and researchers on directed research in SMART sensors for real-time, risk-informed structural health monitoring. The fellowship would likely include sponsored travel to Massachusetts to learn first-hand from an expert in risk-based inspection of nuclear facilities, potential travel to nuclear facilities for on-site study, and meetings with plant and industry experts around the country.

Appropriate candidates will be expected to enroll in one of the Ph.D. programs supported by the William States Lee College of Engineering and, preferably, will begin study in Summer 2015 or Fall 2015. The fellowship award will include an annual stipend support and coverage of in-state tuition expenses. The duration of the fellowship is one year, however successful execution of the research tasks may lead to extension of the fellowship support. Candidates having applied experimental or theoretical background in structural health monitoring or NDE will be given preference.

Visit <http://epic.uncc.edu> for more information

EPRI is an independent, nonprofit organization that conducts research, development, and demonstration projects related to energy production, delivery, and use. Information on EPRI can be found at <http://www.epri.com>.

Candidates for the assistantship positions should provide: (1) a statement of interest, (2) a detailed CV and unofficial transcript, and (3) contact information of at least two professional references. Candidates should also review admission requirements for Ph.D. programs in the College of Engineering and apply to the program of choice as soon as possible. Review of applications will begin immediately and will continue until the position is filled. Evaluation of candidates will include input from the EPRI Project Manager and an interview process.

Address applications and inquiries to:

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The University of North Carolina at Charlotte is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.



Energy Production and Infrastructure Center (EPIC)