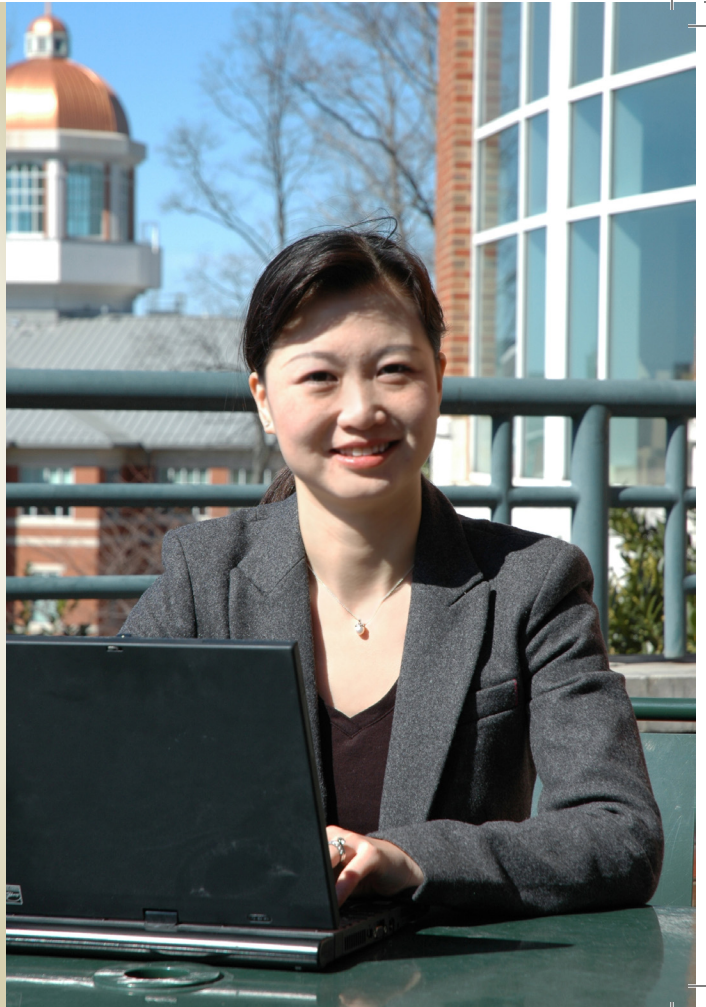




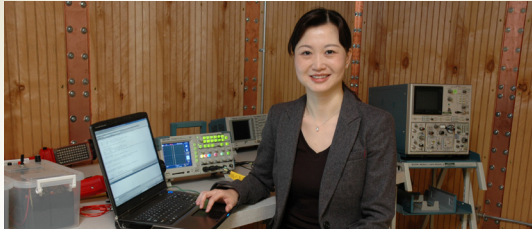
UNC CHARLOTTE

*The WILLIAM STATES LEE COLLEGE of ENGINEERING*

# DR. LINDA XIE WINS NSF CAREER AWARD



 Dr. Linda Xie



### **Dr. Linda Xie Wins NSF CAREER Award**

Dr. Jiang (Linda) Xie, assistant professor of Electrical and Computer Engineering, has won a National Science Foundation Faculty Early Career Development (CAREER) award. The \$400,000 award will fund Dr. Xie's research project titled "Towards Seamless Mobility in Cognitive Radio Wireless Networks." The CAREER award is NSF's most prestigious award in support of junior faculty.

The research objective of Dr. Xie and her team is to analyze and improve the ability of wireless devices such as smart phones to intelligently search and use wireless channels as they move from area to area. This dynamic spectrum access technique will help deal with recent dramatic increases in spectrum demand for mobile devices. The research will have applications in numerous areas of cognitive radio technology including public safety networks, health monitoring, cognitive mesh networks, and emerging technologies with high mobility scenarios such as vehicular networks.



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