

## Biosketch of Dr. Robin N. Coger

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Dr. Robin N. Coger is the Dean of the College of Engineering and a Professor of Mechanical Engineering at North Carolina Agricultural and Technical State University (N.C. A&T) located in Greensboro, NC (see [www.ncat.edu/coe](http://www.ncat.edu/coe)). The College offers baccalaureate, master's, and doctoral degrees through its 7 academic departments; and as such the COE offers its corporate and government collaborators ample opportunities to partner on research and educational endeavors compelled by the shared goal of preparing a globally competitive workforce. Under Dr. Coger's leadership, the College is advancing its strategic agenda of cultivating engineering and computer science leaders who excel in academics, innovation, and research. The COE's strategic priorities are designed to ensure that the College of Engineering is a strong technical epicenter for its regional, national, and international partners.

Prior to joining N.C. A&T's faculty in July 2011, Dr. Coger served as a Professor and Center Director at the University of North Carolina at Charlotte. Her career at UNC-Charlotte spanned over 15 years, where she served as a dedicated educator, researcher, and administrator.

Dr. Coger's research expertise is in solving design and performance problems related to tissue engineered organs, with special emphasis on liver replacement devices and their safe storage for off-the-shelf availability. Her work has been supported by grants from the National Institutes of Health, the National Science Foundation, and the Whitaker Foundation; and has resulted in numerous publications in the areas of liver tissue engineering and cryopreservation, one patent, and two patent applications. Dr. Coger has been awarded for her excellence in research, teaching, and mentoring over her career, and is actively engaged in collaborations that advance faculty, innovative ventures, and student competitiveness.

Dr. Coger is a fellow of the American Society of Mechanical Engineers and of the American Institute for Medical and Biological Engineering. She is also a current member of the Board of Advancing Minorities Interest in Engineering ([AMIEpartnerships.org](http://AMIEpartnerships.org)); and on the Board of Directors of *FIRST* – an organization founded to inspire the interest and participation of young people in engineering, science and technology (see [firstinspires.org](http://firstinspires.org)). Dr. Robin Coger is also a member of the Executive Council of InnovateGSO (see [innovategso.org](http://innovategso.org)), which is part of a cross-city initiative that engages 5 cities in North Carolina focused on expanding the innovation economy across the state.

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### **Coger's Educational Background**

Dr. Robin Coger earned a Bachelor of Science from Cornell University, and her Master of Science and Doctoral degrees from the University of California – Berkeley, all in Mechanical Engineering. Dr. Coger also completed her post-doctoral research as a fellow at Harvard Medical School and the Department of Surgery at Massachusetts General Hospital in Boston.