

**1. Name:** Yawo H. Amengonu

**Academic Rank:** Visiting Lecturer

**2. Degrees:**

BSE	University of North Carolina Charlotte	2009
MSE	University of North Carolina Charlotte	2012
PhD	University of North Carolina Charlotte	2015

**3. UNC Charlotte (number of years = 1)**

- Lecturer: 2015 - 2016

**4. Other related experience:**

- University of North Carolina Charlotte, Graduate Research Assistant, 2010 – 2015

**5. Certifications or professional registrations:**

- None

**6. Current membership in professional organizations**

- IEEE, Member, 2011 – present
- Eta Kappa Nu, member, 2011-present

**7. Honors and awards:**

- None

**8. Institutional and professional service in the last five years:**

- None

**9. Principal publications of last five years:**

- Yawo H. Amengonu, Yogendra. P. Kakad, and Douglas R. Isenberg, “The Control Moment Gyroscope Inverted Pendulum,” *Advances in Intelligent Systems and Computing, Springer International Publishing Switzerland*, Vol. 240, pp. 109-118, January 2014.
- Yawo. H. Amengonu, Y. P. Kakad, “Dynamics and Control of Constrained Multibody Systems Modeled with Maggi’s Equations Part I,” *Proceedings of 2014 27th International Conference on CAD/CAM, Robotics and Factories of the Future*, London, UK, July 2014.
- Yawo. H. Amengonu, Yogendra. P. Kakad, “Dynamics and Control of Constrained Multibody Systems Modeled with Maggi’s Equations Part II,” *Proceedings of 2014 27th International Conference on CAD/CAM, Robotics and Factories of the Future*, London, UK, July 2014.

- Amengonu H. Yawo, Yogendra. P. Kakad: “Dynamics and Control of Nonholonomic Wheeled Mobile Robots,” *Proceedings of 2012 22nd International Conference on Systems Engineering*, Coventry, UK, pp. 16-21, September 2012.

**10. Professional development activities in the last five years:**

- None