

1. **Name:** Courtney S. Smith

Academic Rank: Teaching Assistant Professor

2. **Degrees:**

B.S.	Norfolk State University, Norfolk, VA	2010
M.S.	Norfolk State University, Norfolk, VA	2012
Ph.D.	Virginia Polytechnic & State University, Blacksburg, VA	2015

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

- Teaching Assistant Professor: 2015 - present

4. **Other related experience**

- Part-Time Visiting Faculty, Rose-Hulman Institute of Technology, Aug. 2014-Dec. 2014
- Lead Instructor, Summer Transition Engineering Program, Virginia Tech, July 2014

5. **Certifications or professional registrations:** none

6. **Current membership in professional organizations**

- ASEE member (2012-present)
- NSBE member (2007-present)

7. **Honors and awards**

- American Association of Blacks in Higher Education Dissertation Award, Honorable Mention (2016)
- Fellow, Rising Engineering Education Faculty Fellowship (2014)

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

- UNC-Charlotte NSBE Advisor (2015-present)
- UNC-Charlotte ECE Outreach Committee Member (2015-present)
- UNC-Charlotte Teaching and Scholarship Committee Member (2015-present)
- ASEE MIND Division Reviewer (2015-present)
- ASEE Student Division Co-Program Chair (2014-2015)

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

- **C. S. Smith** and M. C. Paretti. Assessing the Functions: Understanding the Functions of an Undergraduate Research Mentor. ASEE/IEEE Frontiers in Education Conference. Madrid. 2014
- C. Brozina, B. Lutz, S. Nicewonder, **C. Smith**. Is a Mac “PC” in Engineering?. ASEE/IEE Frontiers in Education Conference. Madrid. 2014
- M. C. Paretti, **C. S. Smith**, Negotiating Masculine Spaces: Attitudes and Strategies of First-Year Women in Engineering”, American Society for Engineering Education Annual Conference (2013)
- **C. Smith**, Kyo D. Song, Woong-Ki Kim, Tao Zeng, Larry D. Sanford, Hargsoon Yoon, “Development and investigation of flexible polymer neural probe for chronic neural recording” SPIE Proc. Vol. 8344, Article ID. 8344-3, 2012.
- **C. Smith** ; Christopher M. Bowie ; Kyo D. Song ; Hargsoon Yoon ; Vijay K. Varadan ; Woong-Ki Kim; Electrochemical investigation of nano-electrodes for biomedical sensing

applications in the brain. Proc. SPIE 7980, Nanosensors, Biosensors, and Info-Tech Sensors and Systems 2011, 798011 (April 15, 2011); doi:10.1117/12.880567.

- **C. S. Smith**, Christopher M. Bowie, Kyo D. Song, Hargsoon Yoon, Vijay K. Varadan and Woong-Ki Kim, "Electrochemical investigation of nano-electrodes for biomedical sensing applications in the brain", Proc. SPIE 7980, 798011 (2011)
- **C. Smith**, K. D. Song, and H. Yoon*, "Design and Development of Heterostructured Nanoelectrodes to Shield Cell Adsorptions and Enhance Chronic Neural Recording," Neural Interface Conference, Long Beach CA, June 2010
- H. Yoon, **C. Smith**, C. Bowie, and K. D. Song, "Neural Electrodes with Sensing Core and Shielding Grid Nano-Structures for Chronic Neural," UKC 2010 Symposium, Seattle WA, Aug. 2010.

10. Professional development activities in the last five years:

- Boldly Engaging Students in Culturally-Relevant Teaching Conference, January 2016
- Scholarship of Teaching and Learning Grant, UNC, Charlotte (2015)
- ASEE MIND Division Reviewer (2015-2016)
- ASEE Annual Conference – WIE or MIND division (presenter 2013-2015)
- NSF Minority Faculty Development Workshop, Washington, DC , September 2015
- NSF ARL Network Workshop, NSBE National Convention, March 2015
- WEPAN Creating a Positive Climate for Learning Workshop, May 2015
- ASEE Student Division Co-Program Chair (2014-2015)
- NextProf Workshop, University of Michigan, October 2014