**Will Tyson**

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**Department of Sociology**

**University of South Florida**

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**Biographical Sketch**

## Professional Preparation

Wake Forest University Sociology and Psychology BA, 1998

Duke University Sociology MA, 2001

Duke University Women’s Studies Graduate Certificate, 2003

Duke University Sociology PhD, 2004

## Appointments

2012 – present Associate Professor, Sociology, University of South Florida

2005 – 2012 Assistant Professor, Sociology, University of South Florida

2004 – 2005 Post-doctoral Research Associate, College of Education, University of South Florida

## Publications

**i. Publications Most Closely Related**

Tyson, Will. 2020. *Teaching and Learning Employability Skills in Career and Technical Education: Industry, Educator, and Student Perspectives*. Under contract with Palgrave Macmillan for inclusion in the Palgrave Studies in Urban Education series.

Fletcher, Edward and Will Tyson. 2017. “Bridging Technical Skills Gaps between High School Students and Local Employers.” *Journal of Research in Technical Careers* 1(1): 20-31.

Fletcher, Edward and Will Tyson. 2017. “A Longitudinal Analysis of Young Adult Pathways to STEMH Occupations.” *Career and Technical Education Research* 42(1): 35-55.

Tyson, Will. 2011. “Negative Impact of Employment on Engineering Student Time Management, Time to Degree, and Retention:  Faculty, Administrator, and Staff Perspectives”. Journal of College Student Retention: Research, Theory & Practice 13(4): 479-498*.*

Tyson, Will. 2011. “Modeling Engineering Degree Attainment Using High School and College Physics and Calculus Coursetaking and Achievement.” *Journal of Engineering Education* 100(4): 1-18.

1. **Other Significant Publications**

Tyson, Will and Josipa Roksa. 2017. “Importance of Grades and Placement for Math Attainment.”*Educational Researcher* 46(3): 140-142.

Tyson, Will and Josipa Roksa. 2016. “How Schools Structure Opportunity: The Role of

Curriculum and Placement in Math Attainment.”*Research in Social Stratification and Mobility*

44: 124-135.

Tyson, Will and Kathryn M. Borman. 2010. “‘We’ve All Learned a Lot of Ways Not to Solve the Problem’: Perceptions of Science and Engineering Pathways among Tenured Women Faculty”. *Journal of Women and Minorities in Sciences and Engineering*, 16(4): 275-291.

Borman, Kathryn M., Will Tyson, and Rhoda Halperin, eds. 2010. Becoming an Engineer in Public Universities: Pathways for Women and Minorities. New York: Palgrave MacMillan Ltd.

Tyson, Will, Reginald Lee, Kathryn Borman, and Mary Ann Hanson. 2007. “Science, Technology, Engineering and Mathematics (STEM) Pathways: High School Science and Math Coursework and Postsecondary Degree Attainment”. *Journal of Education for Students Placed At Risk* 12(3): 243–270.

#### Related Synergistic Activities

1. Member, Southern Sociological Society Executive Committee (2019-2021)
2. Conceptual and Research Advisor for “Promoting the Development of STEM Tech Employability Skills: A Review of Practices and Needs in the ATE Community” (DUE #1700703, PI: Louise Yarnall, 2017-20)
3. Co-taught Issues in Higher Education Practicum: Mixed Methods Research and Grantsmanship (SYA 6933-004) graduate course (Spring 2019, with Lakshmi Jayaram)
4. Member of *Sociology of Education* Editorial Board (2011-2013, 2017-2019)
5. Member of the National Academy of Engineering (NAE) Committee on the Status, Role, and Needs of Engineering Technology Education in the United States (2014-2017)