

Will Tyson
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Biographical Sketch

a. 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

b. 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

c. Publications

i. Publications Most Closely Related

Tyson, Will. 2020. *Teaching and Learning Employability Skills in Career and Technical Education: Industry, Educator, and Student Perspectives*. New York, NY: Palgrave Macmillan.

Fletcher, Edward C. and Will Tyson. 2020. "Examining Enrollment Decisions and Life Challenges of Adult Learners in Advanced Technologies Programs." *Journal of Vocational Education & Training* 72(1): 1-19.

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 STEM 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.

ii. 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. 2011. "Modeling Engineering Degree Attainment Using High School and College Physics and Calculus Coursetaking and Achievement." *Journal of Engineering Education* 100(4): 1-18.

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.

d. Related Synergistic Activities

1. Evaluator for "Backtracking CTE Pathways: Identifying and Investigating Pathways and Critical Junctures in Two-Year Information Technology Programs" (DUE #2000799, PI: Marcia Mardis, 2020-23)
2. Invited Speaker, Florida Forum on Engineering Technology (2013-present)
3. 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)
4. Co-taught Issues in Higher Education Practicum: Mixed Methods Research and Grantsmanship (SYA 6933-004) graduate course (Spring 2019, with Lakshmi Jayaram)
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)