Melanie S. Gonzalez
(*née* Netter)
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EDUCATION

Doctor of Philosophy, Developmental Psychology   May 2020 (expected)
  Portfolio in Applied Statistical Modeling
  University of Texas at Austin, Austin, TX
  Thesis: *"The Effect of Teacher Autonomy-Support on Students' Willingness to Take Shortcuts on Tedious Math Work: Exploring Mechanisms and Moderators"*
  Advisor: Dr. David S. Yeager

Master of Arts, Developmental Psychology   May 2019 (expected)
  University of Texas at Austin, Austin, TX
  Thesis: *"Social Class and Racial Disparities in Students' Motivational Supports in Math Class: Investigating 9th Grade Teachers' Autonomy-Related Rationales for Learning"*
  Advisor: Dr. David S. Yeager

Master of Arts, Human Development   May 2015
  Cornell University, Ithaca, NY
  Thesis: *"Purpose in Life and Responses to Failure"*
  Advisor: Dr. Anthony L. Burrow

Bachelor of Science, Human Development   May 2014
  Minor in Education
  Cornell University, Ithaca, NY

RESEARCH INTERESTS

- Adolescent development and education psychology
- Social and psychological factors that impact students' STEM motivation, engagement, and achievement
- Social group disparities in quality of motivational support students receive from teachers
- Benefits of sense of purpose in adolescence

PUBLICATIONS

Gonzalez, M. S., Henderson, M., Cullum, K. A., D'Mello, S., Reeves, S. L., & Yeager, D. S. (2018). *Low academic self-regulation predicts more shortcuts taken on homework during adolescence: Evidence from self-reports, teacher reports, and a novel performance task.* Manuscript in preparation.

Burrow, A. L., Sumner, R., & Netter, M. (2014). Purpose in adolescence. *Research Facts and Findings.* Ithaca, NY: ACT for Youth Center of Excellence. Retrieved from http://www.actforyouth.net/resources/rf/rf_purpose_1014.pdf

PROFESSIONAL PRESENTATIONS

Gonzalez, M., Cullum, K., D'Mello, S., Reeves, S. L., & Yeager, D. S. (2018, October). *Diligent students cheat less on academic skill development tasks: a multi-measure, multi-informant study with a novel performance measure.* Poster presented at the Society for Research on Adolescence Special Topic Meeting on Character Development, Philadelphia, PA.

Yeager, D., Reeves, S., Medrano, N., Hirschi, Q., Henderson, M., & Cohen, G. L. (2018, March). *Under what conditions do adolescents accept a rationale for learning?* Presentation on behalf of Dr. Yeager at the biennial meeting of the Society for Research on Adolescence, Minneapolis, MN.

Netter, M., Cullum, K., D'Mello, S., Reeves, S. L., & Yeager, D. S. (2017, January). *Self-regulation predicts less cheating on boring but important skill-building tasks.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Netter, M. (2013, August). *Leveling mountains: Does purpose affect estimations of geographical slant?* Poster presented at the annual Diversity in Scholarship & Engagement Symposium, Ithaca, NY.

Netter, M. (2013, July). *Leveling mountains: Does purpose affect estimations of geographical slant?* Paper presented at the annual University of New York at Buffalo McNair Research Conference, Buffalo, NY.

SKILLS

- Trained in dominant motivational theories on social and emotional learning
- Advanced statistical modeling in R, MPLUS, and SAS
- Data cleaning and data visualization
- Report generation in R Markdown
- Version control and syntax sharing via Github
- Qualitative content analysis
- Natural language processing in R and Python
- Questionnaire design in Qualtrics

RELEVANT GRADUATE COURSEWORK

Statistical Methods II (*SAS*)   Spring 2019
- Logistic regression, survival analysis, time series, mixed effect modeling

Text Analysis (*LIWC, Python*)   Spring 2019
- Qualitative data analysis, natural language processing

Data Analytics with Python (*Python*)   Spring 2019
- Principal components analysis, factor analysis, natural language processing

R for Behavioral Scientists (*R*)   Fall 2018
- Data cleaning, data visualization, GitHub version control, R package development

Advanced Statistics II (*R*)   Spring 2017
- Categorical data analysis, non-parametric regression, structural equation modeling

Advanced Topics in the Developmental Science of Adolescence   Fall 2016-Spring 2017
- Education policy, learning mindsets (i.e., growth, belonging, purpose), peer influences

Advanced Statistics I (*R*)   Fall 2016
- Principal components analysis, factor analysis, mixed effects modeling

Regression Analysis (*R*)   Spring 2016
- Simple linear regression, polynomial regression, multiple regression

Motivation and Emotion in Education   Spring 2016
- Self-determination theory, expectancy value theory, stereotype threat, achievement goal theory

ADDITIONAL TRAINING

Introduction to Python Short Course (*Python*)   October 2nd, 2018
University of Texas at Austin
Department of Statistics and Data Sciences

Introduction to SQL Short Course (*SQL*)   September 18th, 2018
University of Texas at Austin
Department of Statistics and Data Sciences

Structural Equation Modeling (*MPLUS*)   May 21-24th, 2018
University of Texas at Austin
Department of Statistics and Data Sciences Summer Statistics Institute

Questionnaire Design & Survey Analysis May 21-24th, 2018
University of Texas at Austin
Department of Statistics and Data Sciences Summer Statistics Institute

Hierarchical Linear Models Short Course (*HLM*) July 14-16th, 2016
Society for Research on Educational Effectiveness (SREE)
Instructors: Steven Raudenbush & Anthony Bryk

GRANTS

Yeager, D. S., & Netter, M. "Understanding inequality in how teachers motivate students to learn." William T.
Grant Scholars Mentoring Grant ($60,000). July 2017-June 2019
- Highly selective fellowship awarded to junior researchers of color training under early career faculty
- Grant provides monetary resources aimed at enhancing mentoring experience and supporting junior scholar's research
- Grant proposal was coauthored

AWARDS AND HONORS

Debra Beth Lobliner Fellowship Travel Award Spring 2017
- Award granted to aid in travel to the biennial meeting of the Society for Research on Child Development

Ronald E. McNair Post-Baccalaureate Achievement Program December 2012 – May 2014
- Program aimed at preparing first-generation college students from underrepresented groups to pursue doctoral studies

TEACHING EXPERIENCE

Guest Lecture, PSY 394P – Positive Psych and The Good Life November 2018
University of Texas at Austin
Instructor: Dr. Caryn Carlson

PSY 398T – Supervised Teaching in Psychology Fall 2018
University of Texas at Austin

Graduate Teaching Assistant, PSY F333C – Controversies in Developmental Psychology Summer 2016/2017
University of Texas at Austin
Instructor: Dr. Ann Repp

Undergraduate Teaching Assistant, HD 4840 – The Science of Social Behavior Fall 2013
Cornell University
Instructor: Drs. Jeff Hancock & Michael Macy

TEACHING INTERESTS

- Statistics for the Social Sciences
- Research Methods
- Introduction to R Programming
- Introduction to Child Development
- Introduction to Adolescent Development
- Positive Psychology
- Motivation and Emotion in Education

MENTORING EXPERIENCE

Summer Undergraduate Research Experience Mentor Summer 2016/2017/2018

University of Texas at Austin
- Advised one first-generation college student and/or student from underrepresented group throughout the summer on the process of applying to graduate school
- Worked with the student to develop graduate school application materials (spreadsheet of prospective graduate programs, curriculum vitae, research statement)

PROFESSIONAL SERVICE

Secondary Lead at University Participating in the Social Belonging Project   2015-Present
College Transition Collaborative
Principal Investigators: Greg Walton, David S. Yeager, Mary Murphy, Christine Logel

Psychology Graduate Diversity Committee Member   2015-Present
University of Texas at Austin

Ad Hoc Reviewer
Journal of Adolescence
Journal of Experimental Social Psychology
Motivation Science
Group Processes & Intergroup Relations

PROFESSIONAL MEMBERSHIPS

- Society for Personality and Social Psychology
- Society for Research on Adolescence
- Society for Research on Child Development
- American Educational Research Association