**Melanie S. Gonzalez**

**(*née* Netter)**

Austin, TX

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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 LifeNovember 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