

EDUCATION

Ph.D. – Biobehavioral Health (2018)

M.S. – Biobehavioral Health (2015)

The Pennsylvania State University (PSU), University Park, PA

Advisor: Joshua M. Smyth, Ph.D.

B.A. – Psychology (2011)

California State University, Northridge (CSUN)

Advisor: Abraham M. Rutchick, Ph.D.

RESEARCH EXPERIENCE

Post-Doctoral Fellow – Vermont Center on Behavior and Health (August 2018 - present)

University of Vermont (UVM), Larner College of Medicine, Burlington, VT

Advisor: Stephen T. Higgins, Ph.D.

RESEARCH OVERVIEW

My research focuses on studying how individual differences (e.g., risk and resilience factors associated with aspects of personality and/or life experiences/circumstances) associate with biobehavioral health processes (e.g., stress and health behavior). A specific example of my research is my dissertation, which utilized a two-group, randomized control experiment to examine associations between narcissism (an aspect of personality characterized by grandiosity and poor self-regulation when grandiosity is threatened) and psychophysiological responses to social exclusion. I am presently involved in research investigating the use of voucher-based incentives to promote smoking cessation in vulnerable populations, including pregnant women, socioeconomically disadvantaged mothers of young children (i.e., ≤ 12 -years-old), and cardiac patients. My long-term goal is to be an independent scientist at a university with a sustained program of interdisciplinary research focused on examining how individual differences broadly influence health (i.e., mechanisms, preclinical and clinical outcomes).

PUBLICATIONS

Coleman, S.R.M., Gaalema, D.E., Nighbor, T.D., Kurti, A.N., Bunn, J.Y., & Higgins, S.T. Current cigarette smoking among U.S. college graduates. (In press). *Preventive Medicine*.

Coleman, S.R.M., Pincus, A.L., & Smyth, J.M. (2019). Narcissism and stress-reactivity: A biobehavioural health perspective. *Health Psychology Review*, 13(1), 35-72.

Coleman, S.R.M., Zawadzki, M.J., Heron, K.E., Vartanian, L.R., & Smyth, J.M. (2016). Self-focused and other-focused resiliency: Plausible mechanisms linking early family adversity to health problems in college women. *Journal of American College Health*, 64(2), 85-95.

Vartanian, L.R., Smyth, J.M., Zawadzki, M.J., Heron, K.E., & **Coleman, S.R.M.** (2014). Early adversity, personal resources, body dissatisfaction, and disordered eating. *International Journal of Eating Disorders*, 47(6), 620-629.

IN PREPARATION (AVAILABLE UPON REQUEST)

Nighbor, T.D., **Coleman, S.R.M.**, Bunn, J.Y., DeSarno M., Morehead, A.L., Tang, K.T., Keith, D.R., Plucinski, S., Kurti, A.N., Zvorsky, I., & Higgins, S.T. *Using the cigarette purchase task to examine the relative reinforcing value of cigarettes among mothers with versus without opioid dependence.*

Kurti, A.N., Bunn, J.Y., Tang, K.T., Nighbor, T.D., Gaalema, D.E., Coleman-Cowger, V., **Coleman, S.R.M.**, & Higgins, S.T. *Correlates of longitudinal tobacco use trajectories among reproductive-aged women using combusted tobacco products: A U.S. national sample.*

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Nighbor, T.D., **Coleman, S.R.M.**, Bunn, J.Y., Kurti, A.N., Zvorsky, I., & Higgins, S.T. *Smoking prevalence among U.S. national samples of pregnant women.*

Coleman, S.R.M., Bernstein, M.J., Benfield, J.A., & Smyth, J.M. *Narcissistic grandiosity and risky health behavior in college students.*

Coleman, S.R.M., Bernstein, M.J., & Smyth, J.M. *Pathological narcissism and stress-reactivity to social exclusion.*

Coleman, S.R.M., Bernstein, M.J., & Smyth, J.M. *Cyberball exclusion associates with heightened affective responses, decreased cortisol, but no change in heart rate or heart rate variability.*

CONFERENCE PRESENTATIONS

Coleman, S.R.M., Gaalema, D.E., Nighbor, T.D., Kurti, A.N., Priest, J.S., Higgins, S.T. (2019, June) *Risk Factors for Current Cigarette Smoking Among U.S. College Graduates.* Poster presented at the 81st Annual Meeting of the College on Problems of Drug Dependence (CPDD), San Antonio, TX.

Coleman, S.R.M., Pincus, A.L., & Smyth, J.M. (2018, April). *Narcissism and Health-Related Stress-Reactivity.* Poster presented at the 39th Annual Meeting of the Society of Behavioral Medicine (SBM), New Orleans, LA.

Coleman, S.R.M., Bernstein, M.J., Benfield, J.A., & Smyth, J.M. (2018, April). *Narcissistic Grandiosity and Risky Health Behaviors in College Students.* Poster presented at the 39th Annual Meeting of the Society of Behavioral Medicine (SBM), New Orleans, LA.

Coleman, S.R.M., Zawadski, M.J., Heron, K.E., & Smyth, J.M. (2013, March). *Early Adversity, Resiliency, and Health Outcomes.* Poster presented at the 71st Annual American Psychosomatic Society (APS) Convention, Miami, FL.

Coleman, S.R.M., McMichael, E., & Rutchick, A.M. (2011, May). *Fitting Stereotypes: Mortality Salience and Preference for Physical Racial Features.* Poster presented at the 91st Annual Western Psychological Association (WPA) Convention in Los Angeles, CA.

Coleman, S.R.M., Grant, S.K., & Rutchick, A.M. (2010, April). *Multiracial Identity, Acculturation, and Neuroticism.* Poster presented at the 90th Annual Western Psychological Association (WPA) Convention in Cancun, Mexico.

Rutchick, A.M., Hopkin, C., & **Coleman, S.R.M.** (2010, March). *Metaperceptions of Alcohol-Related Behaviors in College Students.* Poster presented at the 68th Annual American Psychosomatic Society (APS) Convention, Portland, OR.

HONORS AND AWARDS

Cardiovascular Research Institute of Vermont Early Career Research Award (2019 – present)

Project title: “Extending Contingency Management for Smoking Cessation to Patients with Established Cardiovascular Disease: A Pilot Study Using Ecological Momentary Assessment” (\$9,843.66).

Alfred P. Sloan University Centers of Exemplary Mentoring (UCEM) Scholarship (2014 – 2018)

A scholarship awarded to underrepresented minorities pursuing careers in STEM fields (\$40,000).

Hintz Graduate Education Enhancement Fellowship Award (2016 – 2017)

To support scholarly productivity. Awarded to graduate students who have demonstrated excellent research in the pipeline for future progress in academia (\$2,000).

Funding for Excellence in Graduate Recruitment (FEGR) (2012 – 2013)

Incentive stipend to attract top quality students to Pennsylvania State University (\$1,989).

TEACHING

Instructor

1) Introduction to Biobehavioral Health (Summer 2014)

- Student Rating of Teaching Effectiveness – 6.9/7 instructor quality; 6.8/7 course quality

2) Research Applications in Biobehavioral Health (Summer 2014)

- Student Rating of Teaching Effectiveness – 6.5/7 instructor quality; 5.5/7 course quality

Sulamunn R. M. Coleman

Teaching Assistant

- 1) Introduction to Biobehavioral Health
 - Dr. Roger McCarter (Fall 2012)
 - Dr. Joshua Smyth (Spring 2014; Fall 2014, 2015)
- 2) Research Applications in Biobehavioral Health
 - Dr. William Gerin (Fall 2012)
 - Dr. Gary King (Spring 2013, 2014)
- 3) Principles of Epidemiology
 - Dr. Marc Dingman (Spring 2015, 2016)
- 4) Health Promotion II: Planning, Implementation, & Evaluation
 - Dr. JoAnn Foley-DeFiore (Fall 2016; Spring 2017)

SERVICE

Ad-Hoc Reviewer

- Experimental and Clinical Psychopharmacology
- Tobacco Induced Diseases
- Scientific Reports

The Pennsylvania State University

- 1) Stress, Health, and Daily Experiences Lab
 - Reviewed application materials and interviewed prospective post-doctoral fellows, undergraduate and graduate research assistants (2012-present)
 - Assisted with operations for the Society of Ambulatory Assessment International Conference (Spring, Summer 2015)
- 2) Department of Biobehavioral Health
 - Search committee member seeking full-time, undergraduate instructor in biobehavioral health (Spring 2016)
- 3) Office of Graduate Educational Equity Programs
 - Assisted with the Summer Research Opportunities Program (SROP), including student orientation and sponsored events (Summer 2015, 2016)
 - Invited member for panel discussion on professional networking (Summer 2016)

PROFESSIONAL ACTIVITY

Society for Ambulatory Assessment, Student Member (2019 - present)
Society for Research on Nicotine and Tobacco, Student Member (2018 - present)
Society of Behavioral Medicine, Student Member (2017)
Institute on Teaching and Mentoring (2014)
American Psychosomatic Society, Student Member (2010, 2013)
Psi Chi National Honor Society in Psychology (2008 - present)
Executive Board Member, Recycling Liaison (2008)

SKILLS

Experience with:

Statistical software: SAS, SPSS, AMOS
Experimental research
Ambulatory heart rate monitoring using the Polar Pro Trainer system
Kubios Heart Rate Variability (HRV) software
Literature review (e.g., PRISMA, narrative)
Scripting (e.g., public announcements, participant screening procedures, experimental protocols)

Some familiarity with:

Statistical software: Mplus
Latent factor analyses (e.g., SEM, LCA, LTA)

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Multilevel Modeling

Ecological momentary assessment (EMA)

Impedance cardiography

Enzyme-Linked Immunosorbent Assay (ELISA)

Qualitative coding