

DANIEL O'LEARY

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Department of Psychology, Stanford University
Stanford, CA 94305

EDUCATION

Stanford University

September 2014 - Present

PhD in Psychology (expected 2020)

Advisor: Dr. James Gross

Concentration: Affective Science

Northwestern University

January 2009 - March 2013

BA in Psychology and English Literature

Magna Cum Laude; Honors thesis in English Literature

Phi Beta Kappa

University of Michigan

September 2007 - December 2008

Honors Program

Transferred to Northwestern University

HONORS AND AWARDS

Graduate Student Travel Award for Society for Personality and Social Psychology, 2020

Institute for Research in Social Sciences Dissertation Fellowship, 2019

Norman H. Anderson Research Grant, 2019

Norman H. Anderson Research Grant, 2018

Stanford Graduate Research Opportunities (GRO) Fellowship, 2018

Bay Area Affective Science Consortium NIMH T32 Grant, Stanford University, 2015-2017

Stanford Graduate Research Fellowship, Stanford University, 2014-2019

Edwin L. Shuman Award for Best Senior in Literature, Northwestern University, 2012

Edwin L. Shuman Award for Best Senior Thesis in Literature, Northwestern University, 2012

Phi Beta Kappa, Northwestern University, 2012

Summer Undergraduate Research Grant, Northwestern University, 2011

Honors Program, University of Michigan, 2007

RESEARCH INTERESTS

The psychosocial mechanisms that enable successful self-regulation

The role that affect, self-efficacy, and socioeconomic status play in healthy decision-making

Using value-based decision-making, machine learning, and path analysis to understand health behaviors and outcomes

PUBLICATIONS

O'Leary, D., Suri, G., & Gross, J.J. (2018). Reducing behavioral risk factors for cancer: An affect regulation perspective. *Psychology & Health*, 33(1), 17-39.

O'Leary, D., Uusberg, A., & Gross, J.J. (2017). Identity and self-control: Linking identity-value and process models of self-control. *Psychological Inquiry*, 28(2-3), 132-138.

Zabelina, D., **O'Leary, D.**, Pornpattananangkul, N., Nusslock, R., & Beeman, M. (2015). Creativity and sensory gating indexed by the P50: Selective versus leaky sensory gating in divergent thinkers and creative achievers. *Neuropsychologia* 69, 77-84.

SUBMITTED MANUSCRIPTS AND WORKING PAPERS

O'Leary, D., Rehkopf, D., & Gross, J.J. (*under review*). Negative affect mediates the relationship between socioeconomic status and increase in body mass index.

Combined machine learning and path analysis (n = 2139) of large-scale longitudinal data aimed at identifying the factors that explain the relationship between SES and change in BMI.

O'Leary, D. & Gross, J.J. (*under review*). Understanding health behavior through affect: a review and proposal for interventions.

Review paper examining the evidence that negative affect leads people to engage in unhealthy behaviors whereas positive affect tends to lead people to engage in healthy ones.

O'Leary, D., Hutcherson, C., Smith, A., Shiv. B. & Gross, J.J. (*in preparation*). Socioeconomic status and food choice: a valuation perspective.

Series of laboratory and survey studies (n = 8000) showing that low SES participants are more likely to choose unhealthy foods than high SES subjects, particularly when low SES is categorized using subjective measures.

O'Leary, D. & Gross, J.J. Affect regulation improves dietary decision-making under conditions of negative affect: A mouse-tracking analysis (*in preparation*).

Series of laboratory studies (n = 240) using mouse-tracking analyses to show that participants make unhealthy dietary decisions after exposure to a novel, personalized, negative affect induction and that dietary decision-making improves following instruction in affect regulation.

O'Leary, D., Uysal, A., Rehkopf, D., & Gross, J.J. Using random forests to assess the psychosocial and behavioral determinants of weight-gain. (*in preparation*).

Random forest analysis (n = 4000) of psychosocial and behavioral factors that lead to increases in BMI over a 10 year period.

O'Leary, D. & Gross, J.J. Using drift diffusion modelling and ecological momentary assessment to understand the influence of negative emotions on eating behavior. (*data analysis*).

EMA study (n = 60) examining the influence of negative emotions on eating behavior over 1-week period.

INVITED AND CONFERENCE TALKS

Socioeconomic status and food choice: A valuation perspective - talk at Bay Area Affective Science Conference 2019

Beyond willpower - symposium at Society for Personality and Social Psychology 2018

TEACHING

Introduction to the Psychology of Emotion (Psych 147s) - Sole Instructor; Summer 2019

Introduction to Psychology (Psych 1) - TA for Professor Bridgette Hard; Winter 2017

Introduction to Psychology (Psych 1) - TA for Professor James Gross; Fall 2016

Longevity (Psych 102) - TA for Professor Laura Carstensen; Winter 2016; Winter 2018

Wise Interventions (Psych 138) - TA for Professor Greg Walton; Fall 2015

TECHNICAL SKILLS

Statistical Modeling and Analysis

Linear modeling, hierarchical modeling,
path analysis, machine learning

Software & Tools

Java (Beginner), C++ (Beginner), HTML (Beginner),
JavaScript (Beginner), E-Prime (Proficient),
R (Proficient), MATLAB (Beginner), Python (Beginner)

EEG Systems

Electro Geodesics International (EGI), NeuroScan,
BioSemi, EEGLab