

# DANIEL O'LEARY

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Department of Psychology, Stanford University  
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## EDUCATION

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### **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

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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

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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

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**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

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**O'Leary, D.,** Gross, J.J., & Rehkopf, D. (*under review*). Negative affect mediates the prospective association between household income with weight-gain in adolescent girls.

*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. (*under review*). Socioeconomic status and food choice: A value-based decision-making account.

*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. Social status and physical health: The role of negative affect and cognitive reappraisal (*in preparation*).

*Longitudinal analysis ( $n = 4000$ ) of the degree to which negative affect mediates the relationship between socioeconomic status and morbidity as well as mortality. In addition, we show that use of cognitive reappraisal moderates this mediation and provides protection against the ill effects (on affect and health) of having low status.*

**O'Leary, D.,** Uysal, A., Rehkopf, D., & Gross, J.J. Examining the impacts of the Great Recession on affect and health: A machine learning analysis (*in preparation*).

*Analysis ( $n = 3300$ ) of how the Great Recession impacted affect and health using parametric (LASSO and ElasticNet) and non-parametric (random forests) methods.*

**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*).

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

## INVITED AND CONFERENCE TALKS

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**O'Leary, D.** (2019). Socioeconomic status and food choice: A valuation perspective. Bay Area Affective Science Conference.

**O'Leary, D.** (2018). Beyond Willpower. Society for Personality and Social Psychology.

## TEACHING

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<b>Teaching Assistantships</b>	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
<b>Workshops</b>	Introduction to R - Research Experience Program (2019) Introduction to R - Research Experience Program (2018)

## TECHNICAL SKILLS

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<b>Statistical Modeling and Analysis</b>	Linear modeling, hierarchical modeling, path analysis, machine learning
<b>Software &amp; Tools</b>	Java (Beginner), C++ (Beginner), HTML (Beginner), JavaScript (Beginner), E-Prime (Proficient), R (Proficient), MATLAB (Proficient), Python (Beginner to Proficient)
<b>EEG Systems</b>	Electro Geodesics International (EGI), NeuroScan, BioSemi, EEGLab

## TECHNICAL SKILLS

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<b>Reviewer</b>	Psychology & Health, Society for Consumer Psychology
<b>Affiliations</b>	Association for Psychological Science (APS) Society for Personality and Social Psychology (SPSP) Association for Consumer Research (ACR) Society for Consumer Psychology (SCP) Society for Judgment and Decision-Making (SJDM)