

# KAREENA DEL ROSARIO

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## EDUCATION

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New York University Fall 2019 – Present  
Doctoral Student  
Social Psychology Program

San Francisco State University Spring 2016  
B.A. in Psychology, Minor in French; *Cum Laude*  
GPA: 3.77; Major GPA: 3.93

## HONORS & AWARDS

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Recipient of the Hartman Family Scholarship in Psychology Fall 2016  
Excellence in Student Writing in GWAR Award Spring 2016  
Dean's List Fall 2012 – Spring 2016

## RELEVANT EMPLOYMENT

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**Lab Manager (Full Time)** July 2017 – July 2019  
Emotion, Health and Psychophysiology Lab  
University of California, San Francisco  
*Director: Wendy Berry Mendes, Ph.D.*

- Recruitment, training and supervision of research assistants in collection, processing and scoring of autonomic, neuroendocrine, and behavioral data.
- Compilation, organization, and analysis of data in Excel and SPSS.
- Laboratory administration, including expense reports, creating the weekly schedule and purchasing laboratory supplies.
- Preparation and maintenance of IRB protocols.
- Psychophysiological support for multiple research projects (including troubleshooting equipment and scoring data)

**Staff Research Associate** August 2016 – May 2017  
The Berkeley Psychophysiology Lab  
University of California, Berkeley  
*Director: Robert W. Levenson, Ph.D.*

- Applied physiological sensors to patients with neurodegenerative diseases and their caregivers to obtain autonomic and behavioral data in laboratory assessments of emotional and social functioning.
- Identified artifacts during data collection and processed physiological data.

## RESEARCH EXPERIENCE

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### Project Coordinator

July 2017 – Present

Emotion, Health and Psychophysiology Lab

University of California, San Francisco

*Director: Wendy Berry Mendes, Ph.D.*

**Details:** Supervision of multiple studies using experimental and naturalistic methods. Duties include preparing and submitting IRB materials, organizing data in Excel and SPSS, developing surveys hosted through online servers, conducting phone calls with participants, scoring physiological data, and training research assistants on study protocol and data processing procedures. Experience managing data collection and data processing includes directing the following projects:

- ***Optimism and Stress Study (January 2018 – Present)***  
Experimental intervention study measuring psychological and physiological responses to a laboratory-based acute stressor following a multi-day optimism intervention.
- ***Group Physiology and Stress in Surgery (January 2018 – Present)***  
Data management and data scoring for study investigating physiologic activation and synchrony of medical staff during kidney transplant surgery using ambulatory cardiac devices to measure high frequency heart rate variability of the attending surgeons, anesthesiologist, and nurses.
- ***Relationships and Deprivation in the Lab (February 2017 – Present)***  
Experimental study assessing the impact of sleep deprivation in romantic couples on conflict resolution, gratitude and responsiveness while measuring physiologic reactivity and synchrony using impedance cardiography, electrocardiogram, blood pressure, and salivary cortisol measures.
- ***Samsung Validation Study 1 and Study 2 (August 2017 – January 2018)***  
Experimental and field study in collaboration with Samsung aiming to validate (1) mobile devices that measure activity and pulse using a built-in accelerometer and photoplethysmogram during a three-day study and (2) an optic sensor built into the Samsung Galaxy S9 that measures systolic and diastolic blood pressure from the finger artery.
- ***Ego Depletion Registered Replication Study (July 2017 – Dec 2017)***  
Experimental laboratory study designed to examine behavioral and cognitive fatigue following a series of cognitively demanding tasks as a part of a registered replication effort examining ego depletion.

### Research Assistant

June 2016 – June 2017

Emotion, Health and Psychophysiology Lab

University of California, San Francisco

*Director: Wendy Berry Mendes, Ph.D.*

Assisted in the data collection of a research study investigating the role of physiology in empathy in dyadic interactions as well as a field study investigating romantic couples' relationship quality and sleep patterns.

- Administered study tasks and applied physiological sensors to participants.
- Recruited and scheduled participants for a laboratory-based study and field study.
- Cleaned inter-beat interval (IBI) data and scored heart-rate variability (HRV).
- Taught participants how to use the sleep and ambulatory cardiac devices, and resolved technical issues with the equipment.
- Trained research assistants to properly identify artifacts in IBI data and supervised data cleaning.

## Undergraduate Research Assistant

February 2016 – May 2016

Language, Attention and Cognitive Engineering Lab  
San Francisco State University

Director: *Kenneth Paap, Ph.D.*

- Assisted in data collection for behavioral lab study examining bilingual advantage in executive functioning.
- Facilitated lab discussion concerning differences in emotion processing between primary and secondary languages.

## PUBLICATIONS

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Gordon, A., **del Rosario, K.**, Flores, A., Mendes, W.B., & Prather, A.A. (in press). Social rejection and sleep: A field study and experimental study exploring the reciprocal influences of rejection and sleep. *Psychosomatic Medicine*.

Vohs, K. D., Schmeichel, B. J., **del Rosario, K.**, et al. (in prep). Multi-lab investigation of the ego-depletion effect.

## CONFERENCE PRESENTATIONS

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**del Rosario, K.**, Ferguson, L., Brown, C., Wells, J. & Levenson, R. (May 2017). *Familial Caregivers' Inaccurate Expression of Subjective Emotion is Associated with Fewer Social Support Services Received*. Poster was presented at the annual convention for the Association for Psychological Science, Boston, MA.

**del Rosario, K.**, Gordon, A.M. & Mendes, W.B. (March 2018). *The Effects of Responsiveness on Sleep in Romantic Couples: A Daily Experience Study*. Poster was presented at the Society for Personality and Social Psychology Conference, Atlanta, GA.

**del Rosario, K.**, Siegel, E., Wormwood, J., Quigley, K., and Barrett, L.F. (April 2018). *Seeing What You Feel: Affect Drives Visual Perception of Structurally Neutral Faces*. Poster was presented at the Society for Affective Science Conference, Los Angeles, CA.

**del Rosario, K.**, Gordon, A.M. & Mendes, W.B. (July 2018). *The Costs and Benefits of Responsiveness on Sleep in Romantic Couples*. Poster was presented at the International Association for Relationships Research Conference, Fort Collins, CO.

Carrillo, B., **del Rosario, K.**, Gordon, A.M., & Mendes, W.B. (July 2018). *I'll just keep this to myself: Self-silencing to Avoid Conflict in Close Relationships*. Thematic flash talk presented at the International Association for Relationships Research Conference, Fort Collins, CO.

**del Rosario, K.**, Gordon, A.M., Park, J. & Mendes, W.B. (February 2019). *Vagal Tone Moderates Responses to Interracial and Intra-racial Rejection*. Poster to be presented at the Society for Personality and Social Psychology Conference, Portland, OR.

## TEACHING EXPERIENCE

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### Private Tutor

May – August 2015

The French Class

- Assessed student's language skills and prepared private English courses according to the student's speaking, comprehension, and writing levels.
- Formatted lesson plans using current events to further engage the student.

### Psychology Tutor

February – May 2014

San Francisco State University

- Tutored undergraduate students to help them better understand fundamental concepts and theories in introductory psychology.
- Assisted students in developing useful study skills and test-taking strategies.

## PROFESSIONAL AFFILIATIONS AND SOCIETIES

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International Association for Relationships Research	2018 - Present
American Psychosomatic Society	2017 - Present
Society for Personality and Social Psychology (SPSP)	2017 - Present
Society for Affective Science (SAS)	2017 - Present
Association for Psychological Science (APS)	2016 - Present
Psi Chi International Honor Society in Psychology, SF State Chapter	2015 - Present

## VOLUNTEER EXPERIENCE

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### Telephone Counselor

September 2015- July 2016

San Francisco Child Abuse Prevention Center

TALK Line

- Answered incoming crisis calls and provided emotional support for concerned parents and caregivers.
- Developed counseling relationships with clients and contacted them on a weekly basis to provide further support and promote self-care.
- Supported parents and caregivers in implementing Positive Parenting practices.

## SKILLS

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### Psychophysiological Measurement

- Data acquisition in Acqknowledge Software and BioPac equipment. Measures include:
  - Impedance cardiography, electrocardiogram, photoplethysmography, galvanic skin response, continuous blood pressure, respiration, electrogastrography, and electromyography.
- Experience processing electrocardiogram, impedance cardiography, and continuous blood pressure with MindWare Software. Other data processing includes cleaning inter-beat interval data from ambulatory cardiac equipment (Polar) and calculating high frequency heart rate variability using CMetX Software.

### Sleep Measurement

Ability to configure and retrieve data from Philips Respironics Actigraphy watches for sleep data.

**Software programs and online platforms:** Excel, Acqknowledge, Mindware, CMetX, SPSS, Qualtrics, REDCap