

ROSE (SEOYOUNG) CHANG

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EDUCATION

Vanderbilt University, Nashville, TN

Bachelor of Arts, May 2019

Majors: Psychology, Philosophy

Relevant courses taken:

- Social Psychology, Research Methods in Psychology, Neuroscience, Quantitative Methods, Abnormal Psychology, Developmental Psychology, Cognitive Psychology, Topics in Clinical Psychology: Eating Disorders, Seminar in Experimental Psychology: Computational Modeling (graduate level)

RESEARCH EXPERIENCE

University of Louisville (Eating Anxiety Treatment Laboratory)

Jan. 2021 – Present

Research Assistant

remote

PI: Cheri A. Levinson, Ph.D.

- Participating in a systematic review project on physiological characteristics of eating disorders

Seoul National University (Computational Clinical Science Laboratory)

Sep. 2020 – Feb. 2022

Lab Manager

Seoul, South Korea

PI: Woo-Young Ahn, Ph.D.

- Participated in projects involving cognitive tasks and fMRI
- Organized lab-wise events and meetings
- Assisted PI with daily administrative/budget-related tasks

Brigham & Women's Hospital (Holsen Lab)

Jul. 2019 – Jul. 2020

Research Assistant I

Boston, MA, USA

PI: Laura Holsen, Ph.D.

- Led a research project focusing on fMRI related to reward processing in depression and obesity in the context of stress by managing from recruitment to data processing
- Observed SCID interviews conducted by a clinician for the recruitment of participants with major depressive disorder
- Preprocessed and analyzed collected data using SPSS

Vanderbilt University (Emotion & Anxiety Research Laboratory)

Aug. 2018 – May. 2019

Undergraduate Research Assistant

Nashville, TN, USA

PI: Bunmi Olatunji, Ph.D.

- Discussed current literature on anxiety disorders and their treatments in weekly lab meetings
- Assisted with a meta-analysis project by sorting out articles on anxiety/depressive disorders

CLINICAL EXPERIENCE

Seoul National University Health Service Center
Smoking Clinic Counselor

Mar 2021 – Apr 2021

National Eating Disorders Association
Remote Helpline Phone/Chat Volunteer

Jan 2020 – May 2020

WORK EXPERIENCE

Colorful Minds Inc.
Product Application Manager

Mar. 2022 –Apr. 2022
Seoul, South Korea

Culture Complex
Assistant Manager

Nov. 2021 – Feb. 2022
Seoul, South Korea

Flitto Inc.
Freelance Translator (English-Korean)

Jul. 2019 – Nov. 2021
remote

Vanderbilt Institute for Digital Learning
Studio Staff

Jan. 2018 – May. 2019
Nashville, TN, USA

PUBLICATIONS

Chang, R. S., Cerit, H., Hye, T., Durham, E. L., Aizley, H., Boukezzi, S., Haimovici, F., Goldstein, J. M., Dillon, D. G., Pizzagalli, D. A., Holsen, L. M. (in press) Stress-induced alterations in HPA-axis reactivity and mesolimbic reward activation in individuals with emotional eating. *Appetite*. doi: 10.1016/j.appet.2021.105707

Chang, R. S., Lee, M., Im, J., Choi K., Kim J., Chey J., Shin S., Ahn W.-Y. (under review) Biopsychosocial factors of gaming disorder: A systematic review employing screening tools with well-defined psychometric properties. Preprint doi: 10.31234/osf.io/b8fxr

Ralph-Nearman C., **Chang, R. S.**, Osborn K. D. (under review) Wearable Physiological Indices Related to Eating Disorders: A Systematic and Methodological Review.

Boukezzi S., Dillon D. G., Cerit H., Durham L., Ryder B., Hye T., **Chang S.**, Aizley H., Haimovici F., Goldstein J. M., Pizzagalli D. A., Holsen L. M. (under review) Hyperresponsivity to reward and impact of psychosocial stress in unmedicated individuals with Major Depressive Disorder.

POSTER PRESENTATION

Kwon M., Lee J., Yang J., **Chang R. S.**, Ahn W.-Y. (2021) Identifying unique neurocognitive mechanisms of food addiction and binge eating using longitudinal study design and computational modeling, *Abstract submitted for oral or poster presentation at the Society for Neuroscience, Chicago*

Chang R. S., Lee M., Choi K., Kim J., Chey J., Shin S., Ahn W.-Y. (2021) Biopsychosocial Factors of Gaming Disorder: A Systematic Review, *Abstract submitted for poster presentation at the 32nd International Congress of Psychology, Prague*

ACADEMIC SERVICE

Manuscript Review:

- The Journal of Neuroscience (with advisor)
- Frontiers in Psychology (with advisor)

CERTIFICATES, AWARDS, AND HONORS

Dean's List, 2017-2019

Magna Cum Laude, May 2019

Sport Nutrition Coach Level 1, National Strength and Conditioning Association Korea, Oct 2021

TECHNICAL SKILLS

R, SPSS, Redcap, Qualtrics, Microsoft Office, Final Cut Pro X