MEGHA CHAWLA

(732) 858-2300; megha.chawla@yale.edu

EDUCATION

Yale University — **August 2019 – Present**
Doctoral program in Psychology, Neuroscience Track
Supervisors: Dr. Steve Chang & Dr. Molly Crockett

University College London — **September 2015 – July 2017**
MRes Developmental Neuroscience and Psychopathology — With Distinction
Dissertation Title: Integrating Categorical and Dimensional Analyses to Examine Correlations between Neural Structure and Behavior in Internet Gaming Disorder

University of Southern California — **August 2010 - May 2014**
B.A. Psychology, *cum laude* — Major GPA: 3.95
Minor: Entrepreneurship — Cumulative GPA: 3.52

Charles University in Prague — **Fall 2013**
Semester Abroad. Relevant courses: Developmental Psychology and Social Psychology

RESEARCH EXPERIENCE

Mount Sinai Icahn School of Medicine, New York, NY — **August 2018 – August 2019**
Clinical Research Coordinator — Supervisor: Dr. Daniela Schiller

- Continuing working in collaboration with Dr. Levy (Yale) and Dr. Schiller (Mount Sinai)

Yale School of Medicine, New Haven, CT — **August 2017 – August 2019**
Postgraduate Associate — Supervisor: Dr. Ifat Levy

- Performing voxel-based morphometry and PET analyses of structural MRI and PET data using SPM12
- Conducting gray-matter structural analysis using FreeSurfer
- Conducting statistical analyses using MATLAB and R
- Preprocessing functional MRI data using BrainVoyager
- Analyzing resting-state and task-based connectivity data using CONN toolbox

Skills: SPM12, MATLAB, R, FreeSurfer, BrainVoyager, CONN Toolbox, Illustrator

Yale School of Medicine, New Haven, CT — **September 2016 – July 2017**
Postgraduate Fellow — Supervisor: Dr. Sarah W. Yip

- Performed voxel-based morphometry analyses of structural MRI data using FSL software
- Analyzed task-based functional MRI data using SPM12 software
- Performed systematic literature reviews and writing up results for submissions to academic journals

Skills: FSL, SPM, SPSS, EndNote, systematic literature reviews, writing and preparation of manuscripts

UCL Institute of Child Health, London, UK — **March 2016 – June 2016**

Fieldworker

- Visited over 40 schools in the London area to administer paper-based questionnaires to young adolescents for a randomized controlled trial examining the effectiveness of a school intervention (INCLUSIVE) aimed at reducing aggression and bullying

Skills: Administering questionnaires, working with adolescents in a school environment

University of Southern California, Los Angeles, CA **March 2014 – March 2015**
Research Assistant Supervisor: Dr. Gerald Davison

- Guided over fifty participants aged 18 to 85 through experimental study examining lifetime development of jealousy in the context of romantic relationships
- Administered psychometric measures (Digit Span, WTAR, MMSE) to each participant
- Transcribed and coded qualitative and quantitative data

Skills: Administering neurocognitive measures, data entry, SPSS

GRANTS

Chawla M, Earp, B. D., Baker, A. A., Crockett, M. J. $30,000
Summer Seminars in Neuroscience and Philosophy. **2022 - 2023**
"Neural Mechanisms Underlying Gender Disparities in Moral Judgements for Care Violations"

PUBLICATIONS

Everett, J. A. C., Colombatto, C., Awad, E., Boggio, P., Bos, B., Brady, W. J, **Chawla, M.**, . . . Crockett, M. J. (2021). Moral dilemmas and trust in leaders during a global health crisis. *Nature Human Behaviour*. https://doi.org/10.1038/s41562-021-01156-y

Gangopadhyay P,* **Chawla M***, Dal Monte O, & Chang SWC (2020). Prefrontal-Amygdala Circuits in Social Decision Making. *Nature Neuroscience*.
https://doi.org/10.1038/s41593-020-00738-9
* Co-first authors

Chawla M, Earp BD, & Crockett MJ (2020). A neuroeconomic framework for investigating gender disparities in moralistic punishment. *Current Opinion in Behavioral Sciences.*
https://doi.org/10.1016/j.cobeha.2020.03.011

Chawla M, & Garrison KA (2018). Neurobiological Considerations for Tobacco Use Disorder. *Current Behavioral Neuroscience Reports*.
https://link.springer.com/article/10.1007/s40473-018-0168-3

Yip SW, Gross JJ, **Chawla M,** Ma SS, Shi X-H, Liu L, Yao Y-W, Zhu L, Worhunsky PD & Zhang J (2017). Is neural processing of negative stimuli altered in addiction independent of drug effects? Findings from drug-naïve youth with Internet gaming disorder. *Neuropsychopharmacology*.
https://www.nature.com/articles/npp2017283

POSTER PRESENTATIONS

Society for Neuroscience, Chicago, IL **October 2019**
"Individual Decision-Making Underlying the Tragedy of the Commons"

Society for Social Neuroscience, Chicago, IL **October 2019**
"Individual Decision-Making Underlying the Tragedy of the Commons"

Society for Neuroscience, San Diego, CA **November 2018**
"Cortical Thickness of the Right Posterior Parietal Cortex Predicts Individual Learning Rate in Healthy Adults"

Society for Social Neuroscience, Washington, D.C. **November 2017**
"Neural Structure and Impulsivity in Internet Gaming Disorder: Diagnostic and Transdiagnostic Findings"

Yale Child Study Center Grand Rounds, New Haven, CT **June 2017**
"Neural Structure and Impulsivity in Internet Gaming Disorder: Diagnostic and Transdiagnostic Findings"

SERVICE

Co-Chair, Yale Psychology Committee on Diversity and Inclusiveness **2020 – Present**

Social Media Manager (Facebook), Society for Social Neuroscience **2017 - Present**

AWARDS AND ACHIEVEMENTS

Manton Foundation Fellowship, Yale University **2021-2022**

Summer Seminars in Neuroscience and Philosophy, Duke University **June 2021**

Behavioral Insights Group Doctoral Workshop, Harvard University **August 2020**

Summer School in Brain Disorders Research, Cardiff University **July 2016**
(Funded by Medical Research Council)

Global Scholar, University of Southern California **2014**

Dean's List, University of Southern California **2012 - 2014**

MENTORING AND TEACHING

Yale University, New Haven, CT **Spring 2022**

- Teaching Assistant for Introduction to Psychology (PSYC 110)

Yale University, New Haven, CT **Fall 2021**

- Teaching Assistant for Attraction and Relationships (PSYC 126)

Yale University, New Haven, CT **Spring 2021**

- Teaching Assistant for Social Neuroscience (PSYC 303)

Yale University, New Haven, CT **Fall 2020**

- Teaching Assistant for The Criminal Mind (PSYC 141/NSCI 141)

School on Wheels, Los Angeles, CA **August 2012 – May 2013**

Tutor

- Tutored primary school students from homeless families in Math, English and Reading
- Worked with coordinators and other tutors to construct effective individualized teaching strategies