

CURRICULUM VITAE

HUNG-WEI BERNIE CHEN

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108 Wolf Hall
Department of Psychological and Brain Sciences
University of Delaware, Newark, DE 19716

EDUCATION

- University of Delaware** **2019 -**
Ph.D. in Psychological and Brain Sciences
Concentration: Clinical Science
Advisor: Mary G. Dozier, Ph.D.
- Stony Brook University**, the State University of New York **2015 - 2019**
B.S. in Psychology, *Cum Laude with Departmental Honors*
Concentrations: Biology & Computer Science
Advisors: Johanna M. Jarcho, Ph.D., Nicholas R. Eaton, Ph.D., & Aprajita Mohanty, Ph.D.

AWARDS & FELLOWSHIPS

- [10] **Researcher of the Month**
Stony Brook University, Stony Brook, NY, May 2019
- [9] **Provost's Award for Academic Excellence, \$200**
Stony Brook University, Stony Brook, NY, April 2019
- [8] **Undergraduate Recognition Award for Academic Excellence**
Stony Brook University, Stony Brook, NY, April 2019
- [7] **Travel Award for the BRIDGE Day, \$500**
University of Delaware, Newark, DE, September 2018
- [6] **Travel Award for the Association of Psychological Science 2018, \$400**
Stony Brook University, Stony Brook, NY, July 2018
- [5] **Travel Award for the Society for Personality and Social Psychology 2018, \$400**
Stony Brook University, Stony Brook, NY, July 2018
- [4] **Steinhardt Applied Psychology Summer Research Fellowship, \$5,000**
New York University, New York, NY, June 2018
- [3] **Undergraduate Summer Research Fellowship, \$4,000 (graciously declined)**
Stony Brook University, Stony Brook, NY, April 2018
- [2] **Diversity Fund Undergraduate Registration Award, \$160**
Society for Personality and Social Psychology, Atlanta, GA, March 2018
- [1] **Student Poster Award Competition, Finalist**
Society for Personality and Social Psychology, Atlanta, GA, March 2018

PUBLICATIONS

- [2] **Chen, H. B.**, Gardner, E. S., Clarkson, T., Eaton, N. R., Wiggins, J. L., Leibenluft, E., & Jarcho, J. M. (in press). Bullying Perpetration and Victimization in Youth: Associations with Irritability and Anxiety. *Child Psychiatry and Human Development*. doi.org/10.1007/s10578-021-01192-9

- [1] Jin, J., Delaparte, L., **Chen, H. B.**, DeLorenzo, C., Perlman, G., Klein, D. N., Mohanty, A. & Kotov, R. (in press). Structural Connectivity between Rostral Anterior Cortex and Amygdala Predicts First Onset of Depressive Disorders in Adolescence. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*.
doi.org/10.1016/j.bpsc.2021.01.012

ORAL PRESENTATIONS

- [6] **Chen, H.B.** (July 2018). Implicit Bias and Behavior: An Examination of Support Afforded to Black Girls in the Juvenile Justice System. Research Proposal presented to the Department of Applied Psychology, New York University, Steinhardt School of Culture, Education, and Human Development. New York, NY.
- [5] **Chen, H.B.**, Rahman, T., Rose, R.E., Godfrey, E., & Javdani, S. (July 2018). What do you see? Examining the Adultification of Young Black Girls. Symposium presented to the Diversity Summer Student Research Conference (DSSRC), New York University, New York, NY.
- [4] **Chen, H.B.**, Gardner, E., Clarkson, T., Quarmley, M., Eaton, N.R., Pine, D.S., Leibenluft, E., Jarcho, J.M. (April 2018). Concurrent Irritability and Anxiety: Risk-Factors for Perpetration and Victimization of Bullying. Symposium submitted to the Undergraduate Research and Creativity Annual Convention & Psi Chi Stony Brook Honor Society Annual Symposium, Stony Brook, NY.
- [3] Clarkson, T., Karvay, Y., Quarmley, M., **Chen, H.B.**, & Jarcho, J.M. (April 2018). Gender Differences in Neural Mechanisms of Social Anxiety in Youths. Symposium submitted to the Social & Affective Neuroscience Society, Brooklyn, NY.
- [2] Quarmley, M., Clarkson, T., Karvay, Y., **Chen, H.B.**, Nelson, B., Jarcho, J.M. (2018, April). Neural mechanisms during anticipation of social evaluation predict activation to unpredictable peer feedback. Oral presentation at the Social and Affective Neuroscience Symposium at Adelphi University, Brooklyn, NY.
- [1] **Chen, H.B.** (August 2012). An Examination of the Drosophilae Model: A Novel Approach of Studying Neurodegenerative Diseases. Talk (in Mandarin Chinese) Presented at the Fifth Annual STEM Apprenticeship Symposium. Taipei, Taiwan.

CONFERENCE POSTERS

- [8] **Chen, H.B.**, Jin, J., Perlman, G., Klien, D.N., Kotov, R., & Mohanty, A. (September 2019). Anatomical and functional connectivity between rostral anterior cingulate cortex and amygdala predicted first onset of depressive disorders in adolescence. Poster submitted to the Society for Research in Psychopathology, Buffalo, NY.
- [7] Quarmley, M., Clarkson, T., **Chen, H.B.**, & Jarcho, J.M. (August 2018). Neural mechanisms during anticipation of social evaluation predict activation to unpredictable peer feedback in victimized and anxious youth. Poster submitted to the Flux Congress, Berlin, Germany.
- [6] Clarkson, T., Karvay, Y., Quarmley, M., **Chen, H.B.**, Jarcho, J.M. (August 2018). Gender Differences in Neural Mechanisms of Social Anxiety in Youths. Poster submitted to the Flux Congress, Berlin, Germany.
- [5] **Chen, H.B.**, Gardner, E., Clarkson, T., Quarmley, M., Eaton, N.R., Pine, D.S., Leibenluft, E., Jarcho, J.M. (May 2018). Concurrent Irritability and Anxiety Predict Perpetration

- and Victimization of Bullying. Poster presented to the Association for Psychological Science, San Francisco, CA.
- [4] Quarmley, M., Clarkson, T., Rainville, B., **Chen, H.**, & Jarcho, J.M. (May 2018). Irritability Moderates Relations between Social Skills and Brain Responses to Unpredictable Peers. Poster submitted to the Social & Affective Neuroscience Society, Brooklyn, NY.
- [3] **Chen, H.B.**, Gardner, E., Clarkson, T., Eaton, N.R., Pine, D.S., Leibenluft, E., Jarcho, J.M. (March 2018). Irritability and Anxiety: Risk-Factors for Perpetration and Victimization of Bullying. Poster presented to the Society for Personality and Social Psychology, Atlanta, GA.
- [2] Jarcho, J. M., Clarkson, T., **Chen, H.B.**, Quarmley, M., Hajcak, G. (December 2017). Translating arrows to anxiety: An ERN-based biomarker of risk for pediatric anxiety predicts altered brain function measured by fMRI during ecologically valid social interactions. Poster submitted to American College of Neuropharmacology, Palm Springs, CA.
- [1] Clarkson, T., **Chen, H.B.**, Quarmley, M., & Jarcho, J. M. (September 2017). Ecologically Valid Neural Predictors of Social Anxiety Disorder in Youths. Poster submitted to the Flux Congress, Portland, OR.

INVITED TALK

- [4] **Chen, H.B.** (June 2021). Graduate Admission Preparation, Panel Discussion. Department of Applied Psychology. New York University Steinhardt. New York, NY.
- [3] **Chen, H.B.** (June 2020). Experiences Applying to/in Graduate School, Panel Discussion. Department of Applied Psychology. New York University Steinhardt. New York, NY.
- [2] **Chen, H.B.** (June 2019). Degrees in Applied Psychology, Panel Discussion. Department of Applied Psychology. New York University Steinhardt. New York, NY.
- [1] **Chen, H.B.** (July 2018). The Minority College Experience and Resilience. Guest Presentation at the Excel Academy: The Metropolitan Center for Research on Equity and the Transformation of Schools. New York, NY.

RESEARCH EXPERIENCE

<u>Graduate Research Assistant</u> <i>Attachment & Biobehavioral Catch-up Lab</i> <i>Advisors: Mary G. Dozier, Ph.D.</i> Department of Psychological & Brain Sciences University of Delaware	2020 –
<ul style="list-style-type: none">• Serve as an MRI technician for infant and adolescent subjects. Imaging protocols involve anatomical, task, resting-state, and diffusion-weighted scans.• Serve as the primary technical support for laboratory hardware.• Assist with designing imaging study protocol.• Lead the imaging team to perform fMRI analysis.• Conduct quality assessment of psychodiagnostics test (MINI-Kid).• Train and supervise undergraduate and graduate research assistants in laboratory tasks.	
<u>Graduate Research Assistant</u>	2019 – 2020

Connectomics of Anxiety and Depression Lab

Advisors: Jeffrey M. Spielberg, Ph.D.

Department of Psychological & Brain Sciences

University of Delaware

- Served as an MRI technician for adolescent subjects. Imaging protocols involve anatomical, task, resting-state, and diffusion-weighted scans.
- Performed fMRI data analysis and image quality assessment.
- Assisted with subject recruitment on Facebook, Instagram, community sites for community sample of parents and adolescents.
- Conducted assessments with adolescents and parents, including administering SCID-V.
- Trained and supervised undergraduate and graduate research assistants in laboratory tasks.

Imaging Data Analyst

2018 –2019

Multi-Modal Translational Imaging Lab

Advisors: Jared X. Van Snellenberg, Ph.D., & Sameera K. Abeykoon, Ph.D.

Department of Psychiatry

Stony Brook University

- Performed fMRI data quality assessment of diffusion and resting-state functional data.

Senior Research Assistant

2018 –2019

Neuroscience of Emotion, Cognition & Psychopathology Laboratory

Advisors: Aprajita Mohanty, Ph.D., & Jinwen Frances Jin, Ph.D.

Department of Psychology

Stony Brook University

- Served as an MRI technician for college and community subjects. Imaging protocols involve anatomical, task, and diffusion-weighted scans.
- Performed fMRI analysis and data quality assessment of diffusion and functional task data.
- Managed and coded the setup of electronic health and research records on REDCap

Junior Scientist

June - July 2018

Institute of Human Development and Social Change

Advisors: Erin Godfrey, Ph.D., Shabnam Javdani, Ph.D.

Department of Applied Psychology

Steinhardt School of Culture, Education, and Human Development

New York University

- Designed research protocol, conducted literature review, wrote IRB application.
- Recruited subjects via Amazon mTurk.
- Performed data analysis.

Senior Research Assistant

2016 –2018

Social Developmental Neuroscience Laboratory

Advisors: Johanna M. Jarcho, Ph.D., & Tessa Clarkson, M.A.

Department of Psychology

Stony Brook University

- Performed fMRI analysis and data quality assessment of functional task data.

- Coded fMRI task as part of an imaging protocol.
- Conducted data collection with 32 channels AntiCap electroencephalogram system.
- Trained undergraduate and graduate research assistants for laboratory tasks.
- Recruited and scheduled adults and adolescent community sample.
- Managed laboratory hardware

Summer Intern

June – August 2012

STEM Summer Apprenticeship

Advisor: Ming-Tsan Su, Ph.D.

School of Life Science

National Taiwan Normal University

- Performed genetic sequencing procedures
- Conducted data entry and data analysis
- Presented results in a symposium

CLINICAL EXPERIENCE

Neuropsychology Extern

2021 -

CHOP Neuropsychology Program

Supervisor: Thomas B. Flynn, Ph.D., ABPP-Cn

Department of Child and Adolescent Psychiatry and Behavioral Sciences

Children's Hospital of Philadelphia

University of Pennsylvania

- Administer neuropsychological tests to out-patient child and adolescent epilepsy patients in the greater Philadelphia area
- Write up neuropsychological assessment reports

Intervention Fidelity Supervisor

2020 -

Attachment & Biobehavioral Catch-up Intervention

Supervisor: Mary Dozier, Ph.D., Caroline Roben, Ph.D., Amanda Costello, Ph.D.

Department of Psychological & Brain Sciences

University of Delaware

- Serve as a fidelity supervisor for an international site that disseminate the ABC intervention.
- Translate the ABC-Toddler Manual for improvements in cultural adaptation
- Supervise bilingual undergraduate students on translation of training materials

Graduate Administration Assistant of PSTC

2020 -

Psychological Services Training Center

Supervisor: Timothy Fowles, Ph.D.

Department of Psychological & Brain Sciences

University of Delaware

- Manage the general Clinic business, included, but not limited to, managing waitlist, scheduling new clients, assigning clients to clinicians, program a comprehensive, intake-to-termination system.
- Preparing and setting up for a new clinic that will be affiliated with other UD healthcare systems

Graduate Student Clinician

2020 - 2021

Psychological Services Training Center

Supervisor: Timothy Fowles, Ph.D., Ryan Beveridge, Ph.D., Fanny Mlawer, M.A.
Department of Psychological & Brain Sciences
University of Delaware

- Serve as primary clinician, providing evidence-based therapies for community members struggling with anxiety, post-traumatic stress symptoms, and behavioral problems.
- Provided psychoeducational and psychodiagnostics assessments for children and young adults in the Newark, DE and Wilmington, DE communities.

TEACHING EXPERIENCE

<u>Graduate Teaching Assistant</u> <i>Clinical Psychology, PSYC 487, Upper Division Elective Undergraduate Course</i> <i>Lecturer: Timothy Fowles, Ph.D.</i> Department of Psychological & Brain Sciences University of Delaware	Fall 2020
<u>Graduate Teaching Assistant</u> <i>Introduction to Psychology, PSYC 100, Undergraduate Course</i> <i>Lecturer: Agnes R. Ly, Ph.D.</i> Department of Psychological & Brain Sciences University of Delaware	Spring 2020
<u>Undergraduate Teaching Assistant</u> <i>Survey in Abnormal and Clinical Psychology, PSY 230, Undergraduate Course</i> <i>Lecturer: Nicholas R. Eaton, Ph.D.</i> Department of Psychology Stony Brook University	Spring 2019
<u>Undergraduate Teaching Assistant</u> <i>Health Psychology, PSY 346, Upper Division Elective Undergraduate Course</i> <i>Lecturer: Johanna M. Jarcho, Ph.D.</i> Department of Psychology Stony Brook University	Spring 2018

PROFESSIONAL AFFILIATIONS

American Psychological Association
Asian American Psychological Association
Association *for* Psychological Sciences
Delaware Psychological Association
Flux Congress
Psi Chi Honor Society in Psychology
Society *for* Personality and Social Psychology
Society *for* Research in Child Development
Society *for* Research in Psychopathology

RELEVANT SKILLS & CERTIFICATES

Computational Skills

High-level Programming	Python, Java, ePrime, MATLAB
Database Programming	REDCap
Analytic Programming	R/Rstudio
Analysis for fMRI Data	FSL, AFNI/SUMA, SPM
System Language	Unix/Linux

Certificates

QPR First Responder (Suicide Prevention Training) <i>Via QPR Institute</i>	2017
Mental Health First Aid (Adult Responder Track) <i>Via Mental Health First Aid America</i>	2017-2020

Linguistic Proficiency

English, Mandarin Chinese & Taiwanese

REFERENCES

Mary G. Dozier, Ph.D. mdozier@udel.edu

Professor | Unidel Amy Elizabeth du Pont Chair in Child Development
Clinical Science
University of Delaware
Research Mentor

Ryan Beveridge, Ph.D. ryanbev@udel.edu

Associate Professor, Director of Clinical Training
Clinical Science
University of Delaware
Clinical Supervisor

Johanna M. Jarcho, Ph.D. johanna.jarcho@temple.edu

Assistant Professor
Brain & Cognitive Sciences | Social Psychology
Temple University
Research Mentor

Nicholas R. Eaton, Ph.D. nicholas.eaton@stonybrook.edu

Associate Professor, Director of Clinical Training
Clinical Psychology
Stony Brook University
Research Mentor

Aprajita Mohanty, Ph.D. aprajita.mohanty@stonybrook.edu

Associate Professor
Clinical Psychology
Stony Brook University
Research Mentor