

Yama Chang, M.A.

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EDUCATION

- 2018 – 2020 **Teachers College, Columbia University**, New York, NY
M.A. in Clinical Psychology, GPA: 4.0/4.0
Master's Thesis: *Childhood Gender Nonconformity and Identity Development Among a Diverse Transgender Community Sample in the United States*
Advisor: Walter Bockting, Ph.D.
- 2008 – 2012 **National Taiwan University**, Taipei, Taiwan
B.A. in Economics
- 2010 **Stanford University**, Palo Alto, CA
Exchange Student

SCHOLARSHIPS & HONORS

- 2020 Received A+ in Computational Psychiatry (Rare performance. Reserved for highly exceptional, rare achievement), Teachers College, Columbia University
- 2019 Psych in Ed Ambassador, Department of Counseling and Clinical Psychology
- 2019 Selected as the Graduate Representative Speaker, Admitted Student Day Student Panel
- 2019 Psi Chi Psychology Honors Society, Teachers College, Columbia University
- 2018 Teachers College Scholarship (\$2,500, Merit-based), Teachers College, Columbia University

RESEARCH EXPERIENCE

- 2020 – Present **Longitudinal Research Program in Late-Life Suicide | R01MH085651**
Department of Psychiatry, University of Pittsburgh Medical Center
Principal Investigator: Katalin Szanto, M.D.
Lab Focus: Decision-making process in late-life suicide

Database Coordinator / Data Manager

- Collaborate with principal investigators to perform data analysis, computational modeling, data visualization, and presentation, as well as co-author ongoing manuscript
- Lead an independent research project, including developing conceptual framework, analytic strategy, and write first-author manuscript
- Prepare analytic datasets (using R) for the principal investigators, senior statisticians, and collaborating investigators
- Develop coding scripts, including those used for data manipulation and scoring of clinical and neuropsychological assessments, to ensure the reproducibility of codes
- Conduct behavioral and structural MRI data preprocessing, including examining cortical and subcortical segmentation using FreeSurfer
- Perform MRI structural analysis of imaging data, including building computational models and analyzing data quantitatively
- Manage, organize, and maintain clinical longitudinal databases in REDCap

2020 –
Present

IASR Meta-Analysis and Systematic Review Workgroup
Sponsored by International Academy of Suicide Research
Principal Investigator: Diana E. Clarke, Ph.D. (Johns Hopkins University)

Co-Investigator

- Conduct systematic reviews under the guideline of PROSPERO
- Collaborate with international researchers and discuss progress in bi-weekly meetings
- Preliminary search in the databases including PubMed, EMBASE, PsycINFO, Web of Science
- Draft manuscript and prepare for journal submission

2019

Stress and Development Laboratory
Department of Psychology, Harvard University

Principal Investigator: Katie McLaughlin, Ph.D.

Lab Focus: Examines the impact of the childhood adversity on neurobiological mechanisms underlying developmental psychopathology among at-risk youth using behavioral and neuroimaging techniques.

Summer Research Assistant

- Developed stimuli presentation programs using FaceGen
- Conducted literature search, participated in experiment design, selected measures, and adapted training items and test stimulus for fMRI and EEG task
- Managed data from evidence-based assessment (ASEBA, CBCL) with REDCap
- Implemented and tested EEG experiment for participants (children and adolescents)

2018 – 2020

Program for the Study of LGBT Health; Project AFFIRM | R01HD079603
Division of Gender, Sexuality, & Health

Department of Psychiatry, Columbia University Irving Medical Center

Principal Investigator: Walter Bockting, Ph.D.

Lab Focus: LGBTQ mental health, minority stress model

Research Assistant / Intern

- Conduct statistical analysis and data visualization on various projects in preparation for publication
- Lead an independent research project, including developing conceptual framework, analytic strategy, and write first-author manuscript
- Coauthor and collaborate with post-doctoral scholars and professors in the department on an several ongoing research projects
- Analyze qualitative transcripts using content analysis on Dedoose
- Present papers on monthly seminar to lead the scientific discussion with post-doctoral scholars and faculty

2016 – 2017

Lab of Clinical and Translational Studies
Department of Psychiatry, Taipei City Hospital and Psychiatric Center
Principal Investigators: Po-Yu Chen, M.D., Ming-Chyi Huang, M.D., Ph.D.

Clinical Research Coordinator

- Coordinated four national grants of major depressive disorder, schizophrenia, and substance use disorder studies
- Screened, recruited, and ran 200+ sessions with participants from inpatients and outpatients

- Conducted literature search, participated in experiment design, selected measures, and adapted training items
- Maintained the lab's recruitment database by regularly updating family's eligibility for studies, continued interest, and participation status
- Served as liaison between the research team and Institutional Review Board
- Recruited and trained new research assistants in the lab

PUBLICATIONS

Chang, Y., Singh, A., LeBlanc, A., Bockting, W. (In preparation). Childhood Gender Nonconformity and Identity Development among a Diverse Transgender Community Sample in the United States.

Bockting, W., **Chang, Y.,** Singh, A., LeBlanc, A., Dolezal, C., & Ehrhardt, A. (In preparation). Resilience in the face of transgender stigma: The moderating effect of Erikson's stages of psychosocial development.

Barucco, R., **Chang, Y.,** Dolezal, C., & Bockting, W. (In preparation). Transgender People in the Workforce: Building Capacity to Increase Employment.

CONFERENCE PRESENTATIONS

1. **Chang, Y.,** & Malgaroli, M. (2021, April). Longitudinal Predictors of Non-Suicidal Self-Injury among Gender Diverse Population: Machine Learning Approaches. 2021 Diversifying Clinical Psychology Conference, Council of University Directors of Clinical Psychology (CUDCP).
2. **Chang, Y.,** & Chen, S. (2020, November). Identifying School-Based Intervention Targets for the Risk of Suicide Attempt Amongst Gender Questioning Youth. Association for Behavioral and Cognitive Therapies 54th Annual Convention, Philadelphia, PA. <https://osf.io/pbmnt/>
3. Tang, S., & **Chang, Y.** (2020, August). Mental health disparities among LGBTQ Asian and Pacific islander youth: A cross sectional analysis. American Psychological Association Convention 2020, Washington, DC.
4. **Chang, Y.,** Bockting, W. (2020, June). Childhood gender nonconformity and identity development among a diverse transgender community sample in the United States. Journal of Clinical Child and Adolescent Psychology (JCCAP) Future Directions Forum, Washington, DC. <https://osf.io/65fdk/>
5. **Chang, Y.,** Bockting, W. (2020, April). Childhood gender nonconformity and identity development among a diverse transgender community sample in the United States. Counseling Psychology Conference, New Orleans, LA. (Cancelled due to COVID-19)

INVITED PRESENTATIONS

1. Brown, V. & **Chang, Y.** (2021, April) *Morphometric Alterations in Late-Life Suicide and Relationships with Cognitive Decline*. Invited talk presented at the Enrichment Meeting at Longitudinal Research Program in Late-Life Suicide at UPMC Psychiatry, Pittsburgh, PA.
2. **Chang, Y.** (2021, April) *Career Talk: How to find an academic research job as an international student during pandemic*. Invited talk presented at the Teachers College, Columbia University, New York, NY.
3. **Chang, Y.** & O'Brien, E. (2020, August) "Association of Suicide Prevention Interventions with Subsequent Suicide Attempts, Linkage to Follow-up Care, and Depression Symptoms for Acute Care

Settings.” Invited talk presented at the cross-department Journal Club at UPMC Psychiatry, Pittsburgh, PA.

4. **Chang, Y.** (2019, September) *Childhood Gender Nonconformity among Project AFFIRM participants.* Project AFFIRM Cross-State Weekly Meeting at Columbia Psychiatry, New York, NY
5. **Chang, Y.** (2019, July) *Childhood Gender Nonconformity and Identity Development among a Diverse Transgender Community Sample in the United States* at Program for the Study of LGBT Health monthly meeting, Columbia Nursing School, New York, NY
6. **Chang, Y.** (2019, March) *Admitted Student Day Student Panel.* Selected as the graduate representative to speak to incoming students, Teachers College, Columbia University, New York, NY.

CLINICAL EXPERIENCE

2017 – 2018 **Taiwan LGBT Hotline Association**

Supervisor: Chia-Wei Shiu, MSW

Hotline Counselor

- Completed an extensive 16-week clinical training with an emphasis on people centered counseling techniques, crisis management, and appropriate interventions
- Passed a rigorous screening process and was selected to serve on the hotline among a pool of competitive trainees
- Wrote clinical reports after each call and presented complex calls to discuss goals and difficulties during weekly group supervision
- Provided education about HIV/AIDS and instruction on prevention to individuals
- Committed 15+ hours a week, including weekly clinical supervision

2016 – 2017 **Lab of Clinical and Translational Studies**

Department of Psychiatry, Taipei City Hospital and Psychiatric Center

Advisor: Po-Yu Chen, M.D., Ming-Chyi Huang, M.D., Ph.D.

Research Clinician (Inpatient and Outpatient Units)

- Conducted clinical interviews and cognitive tests for research studies
- Administered the Structured Clinical Interview-PANSS (SCI-PANSS) as part of the evaluation of symptom severity of schizophrenia participants for research studies
- Administered the Columbia–Suicide Severity Rating Scale (C-SSRS), Hamilton Anxiety Rating Scale (HAM-A) and Montgomery-Asberg Depression Scale (MADRS) as part of the evaluation of symptom severity of participants with major depressive disorder for research studies
- Observed administrations of the M.I.N.I. and the Structured Clinical Interview (SCID) for DSM-5 to psychiatric inpatients by licensed clinicians
- Shadowed psychiatrists during diagnosis with outpatients and daily rounds with inpatients

PROFESSIONAL AFFILIATIONS

2019 – Present	Association for Psychological Science
2019 – Present	Association for Behavioral and Cognitive Therapies
2018 – Present	American Psychological Association of Graduate Students; APA Division 44

SKILLS

Statistical/Programming: Proficient in R, Command Line, SPSS

Research Data Management: REDCap, Qualtrics, Dedoose, Sysrev

Neuroimaging Skills: FreeSurfer, FaceGen

Languages: Mandarin (native), English (highly proficient), Japanese (beginner)

Relevant Coursework: Research Methods in Clinical Psychology; Child Psychopathology (Ph.D. course);

Adult Psychopathology; Applied Regression Analysis; Data Science in R; Computational Psychiatry