

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, Teachers College, Columbia University
- 2019 Psych in Ed Ambassador, Department of Counseling and Clinical Psychology, Teachers College, Columbia University
- 2019 Graduate Representative Speaker, Admitted Student Day Student Panel, Teachers College, Columbia University
- 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 – **Longitudinal Research Program in Late-Life Suicide | R01MH085651**
Present **Department of Psychiatry, University of Pittsburgh Medical Center**
Principal Investigator: Katalin Szanto, M.D.
Research Area: Decision-making process in late-life suicide

Researcher – Clinical Data / Data Manager

- Statistics, Visualization and Communication ⇒ Build statistical models for prediction, communicate results to investigators using informative graphics, and write methods and results sections for co-authorship manuscripts
- Independent Research ⇒ Lead an independent research project, including conceptualizing research questions into hypotheses, developing and applying analytic strategies, writing first authorship manuscripts, and present research findings at national and international conferences
- Neuroimaging ⇒ Pre-process T1-weighted structural images using a variety of software packages (e.g., FreeSurfer, R) and build multilevel regression models for analysis
- Recruitment ⇒ Provide data-driven evidence to facilitate recruitment progress
- Data Management ⇒ Manage clinical longitudinal databases in REDCap and prepare analytic datasets for the principal investigators
- Mentoring ⇒ Develop trainings for lab members in coding and analyzing data in R; Collaborate with colleagues and provide statistical consultation
- Presentation ⇒ Present in-progress projects, paper reviews, and lead scientific discussions

2020 –
Present

IASR Meta-Analysis and Systematic Review Workgroup
Sponsored by International Academy of Suicide Research

Principal Investigator: Diana E. Clarke, Ph.D.

Research Area: Social determinants and health inequalities in relation to suicide risk with a focus on racial and sexual and gender minority groups

Co-Investigator

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

2019

Stress and Development Laboratory
Department of Psychology, Harvard University

Principal Investigator: Katie McLaughlin, Ph.D.

Research Area: Impact of childhood adversity on neurobiological mechanisms

Summer Research Assistant

- Developed stimuli presentation programs using FaceGen
- Conducted literature search, participated in designing experiments, selecting measures, and adapting training items and test stimulus for fMRI and EEG task
- Managed data from clinical assessments (ASEBA, CBCL) in REDCap
- Implemented and tested EEG experiments for children and adolescent participants

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.

Research Area: LGBTQ mental health, minority stress model

Research Assistant / Intern

- Collaborated with principal investigators to perform data analysis, data visualization, and presentation, as well as co-author ongoing manuscripts
- Led an independent research project, including developing conceptual framework, analytic strategy, and write first-author manuscript
- Analyzed qualitative transcripts using content analysis on Dedoose
- Presented papers during monthly seminars 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 inpatient and outpatient settings
- Conducted literature search, participated in experiment design, selected measures, and adapted training items
- Maintained the lab's recruitment database by regularly updating participants' eligibility, interest, and participation status for ongoing studies

- Prepared and updated IRB project materials including writing annual reports
- Recruited and trained new research assistants

PUBLICATIONS

Manuscripts Under Review or Accepted for Publication

1. Paine, E., Barucco, R., **Chang, Y.**, Navalta, T., Ehrhardt, A., & Bockting, W. (under review). “Too Much Trouble”: Transgender and Nonbinary People’s Experiences of Stigma, Discrimination, and Affirmation in the Workplace. *Socius*.

Manuscripts in Preparation

1. **Chang, Y.**, Buerke, M., Galfalvy, H., Szanto, K. (in preparation). The Relationship of Childhood Trauma Experiences with the Age of Onset of First Suicidal Behavior in Late-Life Depression
2. **Chang, Y.**, Jackman, K., Singh, A., LeBlanc, A., Bockting, W. (in preparation). Childhood Gender Nonconformity and Identity Development among a Diverse Transgender Community Sample in the United States.
3. Grzenda, A., **Chang, Y.**, Kirchner, S., Wang, P., Clarke, D. (in preparation). A Systematic Review in Psychological Effects of Gender-Affirming Hormone and Surgical Treatments on Gender Diverse Youth.

CONFERENCE PRESENTATIONS

1. **Chang, Y.**, Bockting, W. (2021, November). Identity Development Trajectories and Childhood Gender Role Nonconformity Among a Gender and Racial Diverse Sample in the United States. Poster submitted to 2021 Association for Behavioral and Cognitive Therapies 55th Annual Convention. New Orleans, LA.
2. **Chang, Y.**, Galfalvy, H., Buerke, M., Szanto, K. (2021, October). The Relationship of Childhood Trauma Experiences with the Age of Onset of First Suicidal Behavior in Late-Life Depression. Poster accepted by and will present at 2021 Pitt Psychiatry Research Day and Research Resources Revue.
3. **Chang, Y.**, Brown, V., Whitman, K., Dombrovski, A., Szanto, K. (2021, October). Hippocampal MRI Volume Differences in Late-Life Suicidal Behavior. Poster accepted by and will present at 2021 IASR/AFSP International Summit on Suicide Research. Barcelona, Spain.
4. **Chang, Y.**, Galfalvy, H., Buerke, M., Szanto, K. (2021, October). Age of Onset of First Suicidal Behavior Determines Risk Factor Profiles in Older Suicide Attempters – Focus on Childhood Trauma Experiences. Poster accepted by and will present at 2021 IASR/AFSP International Summit on Suicide Research. Barcelona, Spain.
5. **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).
6. **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/>
7. 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.

8. **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/>
9. **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. **Chang, Y.** (2021, August) *The Relationship of Childhood Trauma Experiences with the Age of Onset of First Suicidal Behavior in Late-Life Depression*. Invited talk presented at the Enrichment Meeting at Longitudinal Research Program in Late-Life Suicide at UPMC Psychiatry, Pittsburgh, PA.
2. Galfalvy, H., Buerke, M., & **Chang, Y.** (2021, May) *Suicidal Ideation Trajectories: Identifying Suicidal Subtypes*. Invited talk presented at the Enrichment Meeting at Longitudinal Research Program in Late-Life Suicide at UPMC Psychiatry, Pittsburgh, PA.
3. 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.
4. **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.
5. **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 seminar at UPMC Psychiatry, Pittsburgh, PA.
6. **Chang, Y.** (2019, September) *Childhood Gender Nonconformity among Project AFFIRM participants*. Project AFFIRM Cross-State Weekly Meeting at Columbia Psychiatry, New York, NY
7. **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

SUPERVISED CLINICAL EXPERIENCE

2017 – 2018 **Taiwan LGBT Hotline Association**

Supervisor: Chia-Wei Shiu, MSW

Hotline Counselor

- Committed 15+ hours a week, including weekly clinical supervision
- Completed an intensive 16-week clinical training on people centered counseling techniques, crisis management, and interventions
- Passed a rigorous screening process and was selected to serve on the hotline from a pool of 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 callers

2017

Persons with HIV/AIDS Rights Advocacy Association of Taiwan

Supervisor: Chester Chang, MSW

Hotline Counselor

- Completed an intensive 8-week clinical training with an emphasis on people centered counseling techniques, crisis management, and appropriate HIV/AIDS interventions
- Provided education about HIV/AIDS and instruction on prevention to callers
- Attended weekly clinical supervision

2016 – 2017 **Lab of Clinical and Translational Studies**
Department of Psychiatry, Taipei City Hospital and Psychiatric Center
Advisors: 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) to evaluate symptom severity for participants with schizophrenia
- Administered the Columbia–Suicide Severity Rating Scale (C-SSRS), Hamilton Anxiety Rating Scale (HAM-A) and Montgomery-Asberg Depression Scale (MADRS) to evaluate symptom severity for participants with major depressive disorder
- Observed administrations of the M.I.N.I. and the Structured Clinical Interview (SCID) for DSM-5 by licensed clinicians to psychiatric inpatients
- Shadowed psychiatrists during diagnostic evaluations 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: R, SPSS, HTML, Bash, GitHub

Advanced Quantitative Modeling: survival analysis, cluster analysis, logistic regression, multilevel regression analysis, decision tree, network analysis, Gaussian mixed modeling, supervised/unsupervised machine learning (e.g., lasso regularized logistic regressions)

Research Data Management: REDCap, Qualtrics, Dedoose, Sysrev, Zotero

Neuroimaging Skills: FreeSurfer, FaceGen

Languages: English, Mandarin, Japanese

Relevant Graduate-level Coursework: Research Methods in Clinical Psychology; Child Psychopathology; Adult Psychopathology; Applied Regression Analysis; Data Science in R; Computational Psychiatry