

Detail-oriented quantitative researcher with 5+ years of experience in analyzing survey and large-scale public data using advanced statistical methods (linear and logistic regression, hierarchical linear modeling, factor analysis). Mentored 5 lab interns across various team projects and individual honors theses and supervised 3 graduate teaching assistants in a course of 200+ students.

Education

-
- | | |
|--|----------------------|
| • Temple University | Philadelphia, PA |
| Ph.D. in Cognition & Neuroscience | <i>Expected 2022</i> |
| Concentration in Quantitative Methods | |
| • Cornell University | Ithaca, NY |
| M.A. in Human Development & Family Studies | <i>2017</i> |
| • The Johns Hopkins University | Baltimore, MD |
| B.A. in Cognitive Neuroscience | <i>2014</i> |

Skills

-
- **Programming** : R, bash (basic), shell (basic)
 - **Packages in R** : tidyverse, lme4, lmerTest
 - **Languages**: Spanish (native), Mandarin (native), English (fluent/native)

Highlighted Work

-
- Haupt, M. R., Weiss, S. M., **Chiu, M.**, Cuomo, R., Chein, J. M., & Mackey, T. (2022). Psychological and situational profiles of social distance compliance during COVID-19. *Journal of Communication in Healthcare*, 1–10.
 - **Chiu, M.** & Chein, J. (in press) Digital media in the developing brain. In J. Nesi, E. H. Telzer, & M. J. Prinstein (Eds.), *Handbook of adolescent digital media use and mental health*. Cambridge University Press.
 - **Chiu, M.**, Weiss, S. M., & Chein, J. M. (2021). Executive Function and Smartphone Use Habits in Young Adults. In *Proceedings of the 2021 Technology, Mind and Society Conference*. Retrieved from <https://tmb.apaopen.org/pub/qzcbdapd>
 - Li, X., **Chiu, M.**, Swallow, K. M., De Rosa, E., & Anderson, A. K. (2020). Attention and cardiac phase boost judgments of trust. *Scientific reports*, 10(1), 1-8.
 - Li, X., Swallow, K., **Chiu, M.**, De Rosa, E., Anderson, A.K.. (2018). Does the body give the brain an attentional boost? Examining the relationship between attentional and cardiac gating. *Biological Psychology*, 139, 124-130.

Invited Talks & Awards

-
- | | |
|---|-------------------------|
| Speaker: “Mapping US Vaccination Data in R,” R-Ladies Philly | <i>2021</i> |
| Panelist: “Technology Use During the Pandemic,” Temple TV | <i>2021</i> |
| Statistics Training Award | <i>2021</i> |
| Recurring Workshop Lead: Temple Coding Outreach Group | <i>2019, 2020, 2021</i> |
| Workshop Travel Award | <i>2019</i> |
| Scientific Outreach & Translation Award | <i>2019</i> |
| Conference Travel Award | <i>2018, 2021</i> |