Emma Ning

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https://emmayning.github.io/ening/ | github.com/emmayning

Education

University of Illinois Chicago, Ph.D. in Psychology	Aug 2021 – Present
New York University, M.A. in Psychology	Sep 2019 – May 2021
Smith College, B.A., double major in Statistical & Data Sciences; Psychology	Sep 2015 – May 2019

Awards & Honors

Gary Marsden Travel Awards: Association for Computing Machinery, Special Interest Group on Computer-Human Interaction	Mar 2023
Master-Mentorship Award Grant: New York University	Oct 2020
MA Research Award: New York University	June 2020
Susan Rose Internship in Music Grant: Smith College	May 2019
Undergraduate Research Travel Award: Smith College	Feb 2019
Summer Research Fellowship Program (SURF): Smith College	May 2017

Publications

PUBLISHED OR ACCEPTED FOR PUBLICATION

1. Liu, Q., **Ning, E.**, Ross, M.K., Cladek, A., Kabir, S., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S.L., Nguyen, T., Tulabandhula, T., Zulueta, J., Demos, A.P., Leow, A., Ajilore, O. (2024). Digital phenotypes of mobile keyboard backspace rates and relations to symptoms of mood disorder. *Journal of Medical Internet Research.*

2. Knol, L., Nagpal, A., Leaning, I.E., Idda, E., Hussain, F., **Ning, E.**, Eisenlohr-Moul, T.A., Beckmann, C.F., Marquand, A.F., Leow, A. (2024). Smartphone keyboard dynamics predict affect in suicidal ideation. *npj Digital Medicine.*

3. **Ning, E.**, Cladek, A., Ross, M.K., Kabir, S., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S.L., Nguyen, T., Tulabandhula, T., Zulueta, J., Ajilore, O., Demos, A.P., Leow, A. (2023). Smartphone-derived Virtual Keyboard Dynamics Coupled with Accelerometer Data as a Window into Understanding Brain Health: Smartphone Keyboard and Accelerometer as Window into Brain Health. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23).*

4. Ross, M.K., Tulabandhula, T., Bennett, C.C., Baek, E., Kim, D., Hussain, F., Demos, A.P., **Ning, E.**, Langenecker, S., Ajilore, O., Leow, A.D. (2023). A novel approach to clustering accelerometer data for application in passive predictions of mood changes. *Sensors.*

IN REVISION OR UNDER REVIEW

1. **Ning, E.**, Estabrook, R., Tulabandhula, T., Zulueta, J., Ross, M.K., Kabir, S., Hussain, F., Langenecker, S.A.,Ajilore, O., Leow, A., Demos, A.P. (under reveiw). Predicting Cognitive Functioning in Mood Disorders through Smartphone Typing Dynamics. *Journal of Psychopathology and Clinical Science.*

2. Ross, M.K., Tulabandhula, T., Nguyen, T.M., **Ning, E.**, Kabir, S., Cladek, A.T., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S.A., Zulueta, J., Demos, A.P., Ajilore, O.A., Leow, A.D. (under review). Keying into Cognition: Temporal Smoothing of Smartphone Typing Behaviors for Passive Assessment of Processing Speed and Executive Function in Individuals with Mood Disorders. *Cognitive Computation.*

3. Demos, A.P., Del Tufo, S.N., **Ning, E.**, Marsh, K.L., Theodore, R., & Chaffin, R. (under review). Spontaneous interpersonal synchronization in dyslexia. *Musicae Scientiae.*

Talks & Presentations

1. **Ning, E.**, Zaragoza, C., Hickey, J., Jacob, R., Demos, A.P. Listener-Performer Emotional Synchrony in Musical Expression. *Talk presented at the 2024 Society for Music Perception and Cognition Conference.*

2. **Ning, E.**, Estabrook, R., Tulabandhula, T., Zulueta, J., Ross, M.K., Kabir, S., Ajilore, O., Leow, A., Demos, A.P. Prospective mood prediction via smartphone typing dynamics. *Poster presented at the UIC Psychiatry 14th Annual Research Forum.*

3. **Ning, E.**, Cladek, A., Ross, M, Kabir, S., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S., Nguyen, T., Tulabandhula, T., Zulueta, J., Ajilore, O., Demos, A.P., Leow, A. Smartphone Keyboard and Accelerometer as Window into Brain Health. *Talk presented at the 2023 Conference on Human Factors in Computing Systems (CHI'23) in Hamburg, Germany.*

4. Cladek, A., **Ning, E.**, Ross, M, Kabir, S., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S., Nguyen, T., Tulabandhula, T., Zulueta, J., Ajilore, O., Leow, A., Demos, A.P. Typing Dynamics as Digital Biomarkers of Mood. *Talk presented at the 2023 Midwestern Psychological Association Conference (MPA).*

5. Cladek, A., **Ning, E.**, Ross, M, Kabir, S., Barve, A., Kennelly, E., Hussain, F., Duffecy, J., Langenecker, S., Nguyen, T., Tulabandhula, T., Zulueta, J., Ajilore, O., Leow, A., Demos, A.P. Smartphone Typing Dynamics Predict Daily Mood and Impulsivity: A BiAffect Study. *Poster presented at the UIC Psychiatry 13th Annual Research Forum.*

6. Smart technology in classrooms. *Lectures presented at the Intersection of Racial Equity and Time-Series Methods 2022 Conference, funded by the Spencer Foundation.*

7. Do listeners feel the same emotions as the performers? *Talk presentation at the University of Illinois Chicago.*

8. **Ning, E.**, Pelofi, C., Farbood, M., Poeppel, D. (2020). Musical Stroop—An Investigation of Musical Chroma Representations. *Presented at NYU MA Conference, 1st place awarded.*

9. Stark, B., Ali, N., Bouchouari, H., Gallison, K., Hayhoe, J., **Ning, E.**, Okorom, A., Zimmowitch, A. (2020). Examining longitudinal leukoaraiosis change in primary progressive aphasia during frontotemporal dementia and its relation to language change. *Poster presented at the Society for the Neurobiology of Language's 12th Annual Meeting, Virtual.*

10. **Ning, E.**, Rae, J., Garcia, R. L. (2019). Contact reducing prejudice? Cognitive processes behind implicit Hispanic attitudes. *Poster presented at the Society for Personality and Social Psychology's 20th Annual Meeting in Portland, OR.*

11. **Ning, E.**, Calabrese, J. R., Frost, R. O., Garcia, R. L. (2018). An examination of family warmth and perfectionism in hoarding disorder. *Poster presented at the New England Psychological Association's 58th Annual Meeting in Worcester, MA.*

Teaching

Advanced Research Design & Analyses II (PSCH 545): *University of Illinois Chicago*	Spring 2024
Advanced Research Design & Analyses I (PSCH 543): *University of Illinois Chicago*	Fall 2023
Laboratory in Perception (PSCH 351): *University of Illinois Chicago*	Spring 2023
Statistical Methods in Behavioral Sciences (PSCH 343): *University of Illinois Chicago*	Spring & Fall 2022
The Intersection of Racial Equity and Time-Series Methods Conference: *University of Delaware*	Summer 2022
Sensation and Perception (PSCH 350): *University of Illinois Chicago*	Fall 2021
Research Experience Mentor Outreach: *New York University*	Summer 2020
Multiple Regression: *Smith College*	Fall 2018
Dyadic Data Analysis Workshop: *University of Connecticut (Data Analysis Training Institute of Connecticut, DATIC)*	Summer 2018

Review Responsibilities

Conference: ACM SIGCHI Late-Breaking Work

Journal: Psychology of Aesthetics, Creativity, and the Arts