

Stanford



Lettie McGuire, EdM

Web Developer 1, Genetics

Bio

BIO

Harvard Graduate School of Education

Neuroscience Informed Research Design

INSTITUTE AFFILIATIONS

- Member (Staff), Cardiovascular Institute

HONORS AND AWARDS

- People's Choice Award, Interactive Online Games and Animations, Adobe

EDUCATION AND CERTIFICATIONS

- EdM, Harvard Graduate School of Education , Neuroscience Informed Learning and Design
- BA, University of California, Berkeley , Practice of Fine Art
- Diploma, University Europa de Madrid, Spain , Advanced Painting and Sculpture
- Certificate, Rilks Universiteit, Groningen, Netherlands , Dutch Language
- Certificate, Columbia University, New York , Analysis and Design of Information Systems

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Community Scholarship Award

Publications

PUBLICATIONS

- **A comparison of deep multiomics profiles across ethnicity, geography, and age.** *Cell*
Barapour, N., Cao, J. Z., Wu, Y., Gupta, S., Hoopmann, M. R., Qin, R., Midha, M. K., Mireault, M., Juanes-Velasco, P., Hanson, C., Ahadi, S., Higgs, E., Baxter, et al
2026; 189 (10): 3004-3024.e35
- **An encyclopedia of the cord blood metabolome reveals maternal-fetal interactions and disease risk.** *Cell reports. Medicine*
Lancaster, S., Mataraso, S., Reiss, J. D., Contrepois, K., Trowbridge, C. A., Michael, B., Simms, I., Ellenberger, M., Gibson, M., Clary, M., McGuire, L., Wong, F., Canfield, et al
2026: 102548
- **Longitudinal wearable sensor data enhance precision of Long COVID detection.** *PLOS digital health*
Uwakwe, C. K., Rangan, E. S., Kumar, S., Gutjahr, G., Miao, X., Brooks, A. W., Maguire, P., Mishra, T., McGuire, L., Snyder, M. P.
2025; 4 (11): e0001093

- **Individual variations in glycemic responses to carbohydrates and underlying metabolic physiology.** *Nature medicine*
Wu, Y., Ehlert, B., Metwally, A. A., Perelman, D., Park, H., Brooks, A. W., Abbasi, F., Michael, B., Celli, A., Bejikian, C., Ayhan, E., Lu, Y., Lancaster, et al
2025
- **Real-time alerting system for COVID-19 and other stress events using wearable data.** *Nature medicine*
Alavi, A., Bogu, G. K., Wang, M., Rangan, E. S., Brooks, A. W., Wang, Q., Higgs, E., Celli, A., Mishra, T., Metwally, A. A., Cha, K., Knowles, P., Alavi, et al
2021