Andrew An Chen

Graduate Group in Epidemiology and Biostatistics
Department of Biostatistics, Epidemiology, and Informatics
Perelman School of Medicine | University of Pennsylvania
108/9 Blockley Hall | 423 Guardian Drive | Philadelphia, PA 19104-6021 USA

(732) 543-5034 | andrewac@pennmedicine.upenn.edu

EDUCATION

2017	BA	University of Pennsylvania (Cognitive Science and Psychology)
Expected 2023	PhD	University of Pennsylvania (Biostatistics)

BIBLIOGRAPHY

1. Chen, A. A., Srinivasan, D., Pomponio, R., Fan, Y., Nasrallah, I. M., Resnick, S. M., Beason-Held, L. L., Davatzikos, C., Satterthwaite, T. D., Bassett, D. S., Shinohara, R. T., & Shou, H. (2021). Harmonizing Functional Connectivity Reduces Scanner Effects in Community Detection. Manuscript submitted for publication.

2. Chen, A. A., Luo, C., Chen, Y., Shinohara, R. T., & Shou, H. (2021). Privacy-preserving harmonization via distributed ComBat. Manuscript submitted for publication.

3. Chen, A. A., Beer, J. C., Tustison, N. J., Cook, P. A., Shinohara, R. T., & Shou, H. (in press). Mitigating site effects in covariance for machine learning in neuroimaging data. *Human Brain Mapping*.

4. Chen, A. A., Stein, R., Baldassano, R. N., & Huang, J. (in press). Learning longitudinal patterns and identifying subtypes of pediatric Crohn disease treated with infliximab via trajectory cluster analysis of electronic health records. *Journal of Pediatric Gastroenterology & Nutrition*.

5. Butler, E. R., Chen, A. A., Ramadan, R., Le, T. T., Ruparel, K., Moore, T. M., Satterthwaite, T. D., Zhang, F., Shou, H., Gur, R. C., Nichols, T. E., & Shinohara, R. T. (2021). Pitfalls in brain age analyses. *Human Brain Mapping*, *42*(13), 4092–4101.

PRESENTATIONS AND POSTERS

1. Chen, A. A. (2021, December). Similarity-Based Multimodal Regression [Paper presentation]. *14th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics 2021).*

2. Chen, A. A. (2021, August). Similarity-Based Multimodal Regression [Paper presentation]. *2021 Joint Statistical Meetings.*

3. Chen, A. A. (2021, May). Harmonization of Functional Connectivity Reduces Scanner Effects in Community Detection [Poster presentation]. *Statistical Methods in Imaging 2021 Conference.*

4. Chen, A. A. (2020, June). Removal of Scanner Effects in Covariance Improves Multivariate Pattern Analysis [Paper presentation]. *2020 Joint Statistical Meetings*.

5. Chen, A. A. (2020, June). Removal of Scanner Effects in Covariance Improves Multivariate Pattern Analysis [Poster presentation]. *2020 Organization for Human Brain Mapping Annual Meeting.*

6. Chen, A. A. (2020, March). Removal of Scanner Effects in Covariance Improves Multivariate Pattern Analysis [Paper presentation]. *ENAR 2020 Spring Meeting*.

MEMBERSHIPS IN PROFESSIONAL/SCIENTIFIC SOCIETIES & OTHER ACTIVITIES

2018 – Present   ENAR (Member)

2019 – Present   American Statistical Association (Member)