Stanford

Chang M. Yun

Ph.D. Student in Chemical Engineering, admitted Autumn 2023

Bio

EDUCATION AND CERTIFICATIONS

- M.Phil., University of Cambridge , Biotechnology (2023)
- B.Sc., Columbia University , Chemical Engineering (2020)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Genomics, Computational Biology, Deep Learning

Publications

PUBLICATIONS

- **JASPAR 2026: expansion of transcription factor binding profiles and integration of deep learning models.** *Nucleic acids research*
  Ovek Baydar, D., Rauluseviciute, I., Aronsen, D. R., Blanc-Mathieu, R., Bonthuis, I., de Beukelaer, H., Ferenc, K., Jegou, A., Kumar, V., Lemma, R. B., Lucas, J., Pochon, M., Yun, et al
  2025
- **Mapping the regulatory effects of common and rare non-coding variants across cellular and developmental contexts in the brain and heart.** *bioRxiv : the preprint server for biology*
  Marderstein, A. R., Kundu, S., Padhi, E. M., Deshpande, S., Wang, A., Robb, E., Sun, Y., Yun, C. M., Pomales-Matos, D., Xie, Y., Nachun, D., Jessa, S., Kundaje, et al
  2025
- **Towards an efficient and robust electrocatalyst for CO2 electroreduction: Promoting effects of polyvinylpyridines on copper**
  Chernyshova, I., Ponnurangam, S., Yun, C., Wang, S., Somasundaran, P.
  AMER CHEMICAL SOC.2016
- **Poly(4-vinylpyridine) as a new platform for robust CO2 electroreduction**
  Chernyshova, I., Ponnurangam, S., Yun, C., Somasundaran, P.
  AMER CHEMICAL SOC.2016
- **Robust Electroreduction of CO₂ at a Poly(4-vinylpyridine)-Copper Electrode** *CHEMELECTROCHEM*
  Ponnurangam, S., Yun, C., Chernyshova, I. V.
  2016; 3 (1): 74-82