



# Chemical Engineering

## Fall 2024 Seminars

Friday, October 25, 2024  
3:00pm, 66-110

### Mutexa: A Computational Ecosystem for Protein Engineering



## Zhongyue Yang

Assistant Professor, Chemistry  
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Zhongyue John Yang is the SC Family Dean's Faculty Fellow, Assistant Professor of Chemistry, Chemical and Biomolecular Engineering at Vanderbilt University. He graduated from the inaugural Chemistry Po-Ling class at Nankai University in 2013, earned his Ph.D. in Theoretical and Computational Chemistry with Ken Houk at UCLA in 2017, and undertook postdoctoral training with Heather Kulik in the Department of Chemical Engineering at MIT from 2018 to 2020. Since fall 2020, he has started his independent research group at Vanderbilt. His research emphasizes establishing "Mutexa", a virtual platform aiming to revolutionize protein engineering, envisioning a future where creating beneficial protein variants is as effortless as using Amazon Alexa. He is a recipient of NIH Maximizing Investigators' Research Award in 2022, Robin Hochstrasser Young Investigator Award in 2023, and ACS OpenEye Junior Faculty Award in Computational Chemistry in 2024. He is a member of the Early Career Board for the Journal of Chemical Theory and Computation by the ACS Publications.

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