



**Molecular Engineering  
& Sciences Institute**



## **MOLES FINAL EXAM DEFENSE**

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### **MULTIPLEX MOLECULAR RECORDING OF BIOLOGICAL SIGNALS AND EVENTS**

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**WEI CHEN**

**SHENDURE LAB**

5/25/22 - 11:00 AM

**FOEGE AUDITORIUM**

[HTTPS://WASHINGTON.ZOOM.US/MY/GSSEMINAR](https://washington.zoom.us/my/gsseminar)

Do cells have memories? How do we access them? During my PhD, I developed ENGRAM, a DNA-based memory device that uses CRISPR to record specific events in living cells. ENGRAM not only can record the cellular history but also have a potential to program the future cell fates.