

# JEFFREY I. ZINK INORGANIC CHEMISTRY SEMINAR



## Prof. Seth M. Cohen

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### “Exploring MOF-Polymer Hybrid Materials”

**Abstract:** Hybrid materials of metal-organic frameworks (MOFs) and polymers have gained interest as processible composites that might be suitable for a wide range of applications. A number of approaches have been pursued to create MOF-polymer composites, including mixed-matrix membranes (MMMs) prepared with MOFs, polymer-decorated MOF particles, and MOFs constructed from polymer building blocks referred to as polyMOFs. The design, synthesis, and unusual properties of these MOF-polymer composite materials will be presented and discussed.

Wednesday, February 22<sup>nd</sup>, 2023

**UCLA** College | Physical Sciences  
**Chemistry & Biochemistry**

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**4:00 p.m. | YH4222 - Collaboratory  
Yoo Seminar & Conference Hall**