



Chemistry and Biochemistry

Fall 2021 Zoom Seminar

Please join us for the following seminar!

Speaker:

Andy Nguyen,
Assistant Professor



Evolvable Supramolecular Models of Metalloproteins

When:

Friday, December 10th
1:00 pm

Our laboratory aims to leverage efficient synthetic techniques for constructing accurate bioinorganic models. Previous efforts have shown that it is challenging to develop small-molecule model complexes that accurately recapitulate the activity of metalloproteins, and thus, there is a need to create more sophisticated models that can also capture the supramolecular facets of metal active sites. Our laboratory takes advantage of advancements in peptide design and synthesis to rapidly and reliably access macromolecular inorganic molecules, essentially removing ligand synthesis as a barrier. Peptidic molecules are easily diversified, therefore facilitating structure-function relationship studies and evolution of these models. In this seminar, I will discuss our group's progress on designing supramolecular active sites for catalysis and substrate recognition.

Where:

On Zoom
bit.ly/chicochem

*Department of Chemistry and
CSU, Chico Biochemistry*
400 West First Street
Chico, CA 95929-0210
(530) 898-5259
www.csuchico.edu/chem/seminars
chem@csuchico.edu

