



Department of Chemistry and Biochemistry

*KLEMM Lecture Series presents:*

## **Kristin Bowman-James**

Distinguished Professor of Chemistry

University of Kansas

**Seminar: Friday, November 2, 2018, 2:30 pm, 331 KLA**

Reception prior in 377 Klamath, 2:00 pm

### ***“Design and Happenstance in Coordination Chemistry”***

Abstract: While a basic understanding of the structural concepts of transition metal coordination chemistry began with the insight of Alfred Werner over a century ago, supramolecular coordination chemistry, the chemistry of non-covalent interactions, was born mid-20th century. In both fields the calculated design of ligands/hosts provides complementary binding sites for metal ions as well as more complex ionic and molecular guests, leading the way to many important discoveries and applications. Several vignettes will serve to illustrate how both thoughtful, calculated design coupled with a smattering of happenstance can sometimes bring surprising results.

*\* Hosted by Darren Johnson & Jessica Lohrman \**