



# *Chemistry Seminars*

## *Creighton University*

*Spring 2020*

**January 23**

***Chuck Henry, Ph.D.***

*Associate Professor*

Colorado State University,  
Department of Chemistry

**A Tale of Two Microfluidics:**

**From Low-Cost Environmental Measurements to  
Organ-on-a-Chip**

**March 5**

***Andrew Sykes, Ph.D.***

*Professor*

University of South Dakota,  
Department of Chemistry

**The Fluorometric Detection of Metal Cations  
Using an Anthraquinone-18-Crown-5 Platform**

**February 6**

***David Taylor, Ph.D.***

*Assistant Professor*

University of Texas-Austin,  
Department of Molecular Biosciences

**Structures of Macromolecular Machines in Cells**

**March 26**

***Jim Small, Ph.D.***

*Merck*

**Definitive Small Molecule Structure Characterization  
of Novel Pharmaceutical Therapeutics, Metabolites,  
and Degradants**

**April 16**

***Alexander Gundlach-Graham, Ph.D.***

*Assistant Professor*

Iowa State University,  
Department of Chemistry

**High Throughput Quantitative Analysis of  
Single Nanoparticles in Environmental Samples**



Hosted by Joel Destino, Ph.D.

