



SPRING 2023 CHEMISTRY SEMINAR SERIES

January 19th – Virtual

Christine Morrison, Ph.D.

Assistant Professor
Colorado School of Mines
Department of Chemistry

**“CHARACTERIZATION AND INHIBITION OF THE
SUF-LIKE PATHWAY OF FE-S CLUSTER
BIOSYNTHESIS IN STAPHYLOCOCCUS AUREUS”**

February 9th – In-Person

John Harkless, Ph.D.

Associate Professor
Howard University
Department of Chemistry

**“MOLECULAR MODELING ASPECTS OF THE 5-
METHYLCYCLOHEXENONE DERIVATIVES”**

February 23rd – In-Person

Karah Knope, Ph.D.

Provost’s Distinguished Associate Professor
Georgetown University
Department of Chemistry

“TETRAVALENT METAL ION CLUSTER CHEMISTRY”

March 16th – Virtual

Breann Brown, Ph.D.

Assistant Professor
Vanderbilt University
Department of Biochemistry

**“STRUCTURE-BASED INSIGHTS INTO CONTROL OF
HEME BIOSYNTHESIS”**

February 2nd – Two In-Person!

Brianna Callahan

Graduate Student in Chemistry
University of Colorado, Boulder
**“DEVELOPMENT OF A NOVEL [2.2.3] BICYCLIC
GLYCOSYL DONOR FOR A-GALACTOSYLATION
REACTIONS”**

AND

Heidi Klem

Graduate Student in Chemistry
Colorado State University
**“THE CATALYTIC EFFECTS OF ACTIVE SITE
CONFORMATIONAL CHANGE IN THE ALLOSTERIC
ACTIVATION OF IMIDAZOLE GLYCEROL
PHOSPHATE SYNTHASE”**

March 2nd – Virtual

Glen Fox, Ph.D.

*Anheuser-Busch Endowed Professor of Malting
and Brewing Sciences*
University of California, Davis
Food Science and Technology

“THE COMPLEX SCIENCES OF BREWING”

March 23rd – In-Person

Pere Miro, Ph.D.

Associate Professor
University of South Dakota
Department of Chemistry

**“NUCLEATION MECHANISMS AND REDOX
PROFILES OF POLYOXOVANADATE-ALKOXIDES
CLUSTERS”**

All Seminars are Thursdays at 11:15am
Zoom link for all virtual seminars: <https://creighton.zoom.us/j/95796007169>
Hosted By Eric Villa, Ph.D.

