



JAMES MADISON
UNIVERSITY®

SEMINAR

Friday, February 17

Dr. Chris Berndsen

*Department of Chemistry and Biochemistry
James Madison University*

**Learning what amylases “see”
Adventures of a protein chemist
studying carbohydrates**

Much of biochemistry focuses on the structure and function of proteins. However, proteins are not the only biomolecules. Starch is a polymeric carbohydrate that is essential for life, however there is limited knowledge on the structure of starch and the cellular processes that shape this structure in plants. This presentation will focus on studies of how starch is broken down and the challenges the Berndsen lab are working through in trying to describe starch degradation.

Seminar

3:30 pm, King 159