

# ORGANIC SEMINAR



FRIDAY, NOVEMBER 4<sup>TH</sup>, 2016,  
9:00AM  
HUTCHISON HALL ROOM 473

University of Rochester  
Department of Chemistry

**Guest Speaker:**  
**Professor Jeff Aubé**  
**UNC Eshelman School of Pharmacy**



## **Title: Reflections on a Decade of Library Construction**

### Abstract:

A primary goal of organic synthesis is to provide new chemical matter for screening and other biological applications. One way to accomplish this is to develop new synthetic methods that provide attractive routes to small molecules. Our laboratory has a long-standing interest in developing new reactions, notably those involving alkyl azides. This seminar will describe how our synthetic methodology work has been applied to the construction of compound libraries, and how those libraries have informed collaborative work in chemical neuroscience, such as the development of biased ligands for the activation of the kappa opioid receptor.

Host: Professor Bob Boeckman, email: [rkb@kmac.chem.rochester.edu](mailto:rkb@kmac.chem.rochester.edu)