

# BIOCHEMISTRY SEMINAR

## ***"Membrane protein biogenesis at the ER"***

### **Professor Robert Keenan**

Department of Biochemistry and Molecular Biology  
University of Chicago



Professor Keenan's research career spans more than three decades in academic and biotech settings. His research program at the University of Chicago combines biochemistry, structural biology, genetics and cell biology to study cellular pathways for membrane protein biogenesis and quality control. Keenan's work has been influential in defining the molecular mechanisms of membrane protein targeting and insertion by the SRP and GET pathways, and understanding how mislocalized tail-anchored proteins are eliminated from mitochondria. His most recent work centers around his discovery of a previously unrecognized cellular machinery in the endoplasmic reticulum dedicated to the biogenesis of multi-pass membrane proteins. These studies deepen our understanding of the molecular mechanisms that underlie normal cell physiology and disease.



*Monday, October 27, 2025*



*3:30 pm*



*BRWN 4102*