



# Molecular & Cellular Biology in Seattle

AN INTERDISCIPLINARY Ph.D. PROGRAM OFFERED THROUGH  
UNIVERSITY OF WASHINGTON and FRED HUTCH

A Dissertation Defense by

# Miranda Mudge

Nunn/MacCoss Lab – UW

**From microbes to microbiomes: bacterial  
proteomes reveal strategies for overcoming  
environmental challenges**

**Wednesday, August 14**

**1:00 p.m.**

**UW Foege Auditorium (S060) & Zoom**

*Please email [mcb@uw.edu](mailto:mcb@uw.edu) for Zoom link*