

**UMBC**  
**Department of Biological Sciences**  
**Ph.D. Dissertation Seminar**

**Sean Brown**

Ph.D. Candidate  
Biological Sciences Program

**“Amino Acid Alphabet  
(R)Evolution: Changing the  
Molecular Basis of Life”**

**Tuesday, April 22, 2025**  
**Biological Sciences Building 120**  
**11:30-12:30 p.m.**  
**Mentor: Stephen Freeland, Ph.D.**



**UMBC**