**ALGEBRAIC GEOMETRY AND COMMUTATIVE ALGEBRA SEMINAR**

Speaker: Juliette Bruce  
University of Wisconsin-Madison

**Date:** Wednesday, November 6, 2019  
**Time:** 3:00 PM  
**Location:** 258 Hurley Hall

**Lecture Title:**  
Semi-Ample Asymptotic Syzygies

**Abstract**  
I will discuss the asymptotic non-vanishing of syzygies for products of projective spaces, generalizing the monomial methods of Ein-Erman-Lazarsfeld. This provides the first example of how the asymptotic syzygies of a smooth projective variety whose embedding line bundle grows in a semi-ample fashion behave in nuanced and previously unseen ways.