



**The Department of  
Ecology and Evolutionary Biology  
Fall 2017 Seminar Series**

**Sickle Cell, Sea Stars, by the Sea Shore**

Our understanding of host-pathogen interactions have been transformed by the study of genomic variation in both hosts and pathogens. I will describe a recent marine pandemic that has decimated sea star populations on the west coast of North America, and what we are learning from the exploration of a single molecular marker in the sea star *Pisaster ochraceus* that appears to be maintained via overdominant selection and has broad implications for host tolerance and ecophysiology.

**Join us in welcoming Dr. John Wares  
University of Georgia**

**Friday, November 3, 2017**

**SERF 307 - 3:30 PM**

**Pre-talk Reception 3:00 PM in Dabney 575**

