



ITHACA COLLEGE  
**BIOLOGY DEPARTMENT**

Fall 2011 Seminar Series



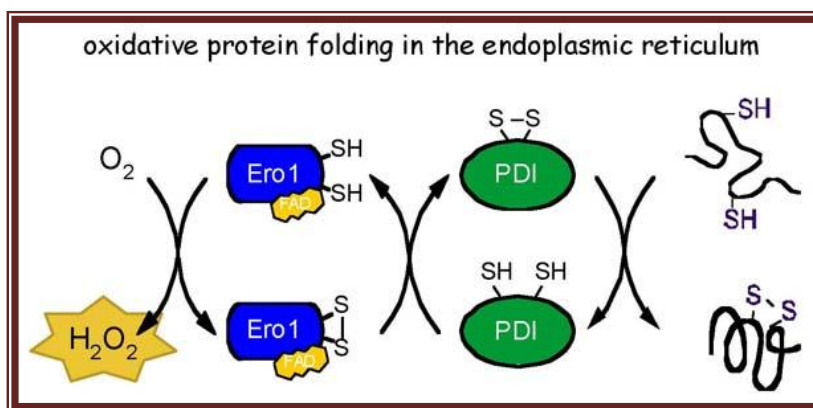
## Carolyn Sevier

Cornell University

### How the endoplasmic reticulum moderates oxidative stress

**December 8**  
**CNS 112**  
**4:00 p.m.**

My research interests focus on characterizing cellular pathways that sense and signal redox imbalances within the cell to alleviate oxidative stress. Specifically, research efforts in my lab focus on how the cell maintains a redox environment in the endoplasmic reticulum (ER) lumen appropriate for oxidative protein folding. We study the molecular mechanisms regulating cellular oxidative folding and stress pathways using a combination of molecular, genetic, and biochemical techniques.



**Meet for beverages & goodies at 3:45**

CNS 1<sup>st</sup> floor lobby.

**All are cordially invited to attend.**

Please bring your own reusable mug.