

# BI-CO MATHEMATICS COLLOQUIUM

**Candice Price**

Smith College

## ***“Unravelling Biochemistry Mysteries: Knot Theory Applied to Biochemistry”***

***Monday, December 2, 2019***

*Talk at 4:00 – Park 338*

*Tea at 3:30 – Park 361, Math Lounge*

### **Abstract:**

Mathematical modeling is an effective resource for biologists since it provides ways to simplify, study and understand the complex systems common in biology and biochemistry. Many mathematical tools can be applied to biological problems, some traditional and some more novel, all innovative. This presentation will review the mathematical tools that I use to model and study biological issues of DNA-protein interactions.

**BRYN MAWR COLLEGE**