



# CoCo

Center for Collective Dynamics of Complex Systems  
Binghamton University, State University of New York



## CoCo Seminar Series: Spring 2018

**\*\*\* The seminars can be taken as a 1-credit graduate course SSIE/BME-524 \*\*\***

**Wednesday 8:30-9:30am (unless otherwise noted)  
Engineering Building H-9 (Knoll-MacDonald Commons / Watson Commons)  
With refreshments; followed by open discussions**

**January 24, 11:00am-12:00pm: Jason Graham (Mathematics, University of Scranton)**

***"Optimization Properties in the Construction of Living Bridges by Army Ants"***

**February 13 (Tue), 3:00-4:00pm: Nasim Sabounchi (Systems Science and Industrial Engineering, Binghamton University)**

***"System Dynamics Modeling as a Tool to Inform Public Health Interventions"***

**February 20 (Tue), 2:00-3:00pm: Amber Simpson (Teaching, Learning & Educational Leadership, Binghamton University)**

***"Making and Tinkering: Connecting the Dots in K-12 STEM Education"***

**March 14: Mo Sha (Computer Science, Binghamton University)**

***"Resilient Wireless Sensor Networking in Challenging Environments"***

**March 28: Jayoung Kim (Management, Binghamton University)**

***"Modeling Dynamics of Dyadic Relationship Development"***

**April 18: Hyobin Kim (Systems Science and Industrial Engineering, Binghamton University)**

***"The Role of Criticality of Gene Regulatory Networks on Emergent Properties of Biological Systems"***

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