

1077-VH-1711 **Candace Ohm*** (cao07c@fsu.edu), 1816 Meriadoc, Tallahassee, FL 32303. *The mechanisms behind the evolution of cooperation.*

In this talk, I will give a brief overview of dynamical models of the evolution of cooperation. Among mechanisms that drive cooperation in nature are kin selection, direct reciprocity, indirect reciprocity, group formation, and network formation. I will explain these mechanisms and describe some current models of them. (Received September 20, 2011)