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**Title:** *Cooperation: A Computational Social Affective Neuroscience Perspective*

**Abstract:** Virtually every action requires some degree of social consideration. These considerations could be the beliefs, feelings, or actions of a particular individual, or more broadly, codes of conduct informed by cultural customs and social norms. The goal of my research program is to understand how we integrate this complex social information with more self-interested value signals when making everyday decisions. For example, why do we wait patiently in line? Or leave a tip in a restaurant that we will never return to? In this talk I will argue that group cooperation may be an emergent property of individual cognitive and affective processes, such as expectations and emotions. As support for this thesis, I will discuss the cognitive and affective processes sustaining three different domains of cooperation including trust, reciprocation, and social norm enforcement. A key feature of my work is the use of computational models to operationalize and test competing psychological hypotheses and the use of behavioral and neuroimaging methods to validate the tenets of these models.