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**In Person Seminar: Biobehavioral Synchrony and the Foundations of Resilience; From Science to Clinic**

Dr. Feldman will present an affiliative neuroscience perspective on resilience, which contends that for young mammals, who are born with immature brain and require maternal bodily contact and caregiving behavior for stress management and adaptation, systems that participate in bonding are those that sustain resilience. Dr. Feldman will discuss our conceptual model on biobehavioral synchrony that describes how the coordination of brain and behavior emerges within the parent-infant bond during early sensitive periods and expands to include more complex, symbolic, and reciprocal components across time and attachments. She will then detail how synchrony is implicated in the parental brain, impacts child oxytocin, and shapes the brain basis of attachment and sociality from birth to adulthood in health and psychopathology. Studies on parent-child brain-to-brain synchrony will demonstrate how inter-brain synchrony is impacted by aspects of humans’ co-presence, including chemosignals and technologically-assisted remote communication. Translational implications are highlighted with the InSynch intervention for post-partum depression and its effects on symptom reduction, caregiving behavior, and inter-brain coordination. The talk will conclude by contemplating how synchrony enables the transfer from the intimacy of the parent-infant bond to life within social groups and supports human endurance, cooperation, and transcendence.