

Psychological Sciences Colloquium Series



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**Maternal behavior as a model to study
adult mouse models for
neurodevelopmental disorders.**

Monday, Nov 1st, 3:30 p.m.

Bluemont Hall 5102

Abstract: Parenting is an ethologically relevant social behavior consisting of stereotypic behavioral components involving the care and nourishment of young. First-time rodent dams seek and gather wandering/scattered pups back to the nest (pup retrieval), an essential aspect of maternal care. Such pup retrieval task involves multisensory processing with auditory, tactile and olfactory senses, goal-related movements and motivational/attentional components for efficient retrieval. I will present our work on using the alloparental model to assess complex sensory and motor phenotypes in an adult female mouse model for Rett syndrome, using systematic manual and newer pose estimation algorithms.

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