

VT School of Neuroscience Faculty Recruitment Seminar

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**“Manipulation of oxytocin and vasopressin receptor
circuits impacts aggression and social memory”**

October 31, 2017

11:00am – 12:00pm

Biocomplexity Institute Conference Room

Oxytocin and vasopressin are known as the “social” neuropeptides because of their well-established roles in regulating social behavior across mammalian species. The wide range of behaviors associated with these neuropeptides along with the widespread distribution of their receptors within the CNS suggests that regional activation of receptors is required for specific behavioral repertoires. I will discuss our recent work using transgenic mouse models, optogenetic and chemogenetic manipulation, and behavioral assays to investigate how these peptides influence aggressive behaviors as well as social memory through distinct neural circuitries. Sex differences in these effects will be highlighted.

Contact Anne Wailes for more
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