

CENTER FOR EXCELLENCE in the NEUROSCIENCES



S E M I N A R S E R I E S

Visualizing Pain and Inflammation in the Brain and Body

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Thursday, June 4th 2015
12:00-1:00 p.m.

Alfond 304
UNE, Biddeford Campus

Lunch will be provided

Hosted by: Tamara King, Ph.D.
Sponsored by: The Center for Excellence in the Neurosciences



On August 29, 2000, an aneurysm ruptured in Dr. Linnman's right temporal pole. His roommate found him in a tonic-clonic seizure and called an ambulance. He was a sergeant in the Swedish army working toward a masters degree in mathematics and computer science, but this experience, and the following months of endovascular repair, emotional turmoil and recovery changed his direction in life. Dr. Linnman turned to pursue a masters degree in psychology, where he found his calling in using neuroimaging to define and dissect clinical conditions. During his PhD he used multi-tracer Positron Emission Tomography (PET) to study peripheral inflammation and central receptor expression in chronic pain, and during his post-doctoral training he combined functional MRI and PET to study classical conditioning, extinction and extinction retention as probes for defining emotional circuits in psychiatric disease states. His second post-doc, and subsequent scientific career is focused on chronic pain conditions, where we develop state of the art fMRI, PET and simultaneous PET-MR to visualize and quantify nociceptive processes, from peripheral lesions—via CNS changes in structure, function and neuroimmune interactions—to behavioral consequences.