



Seminar

Benedict J. Kolber, Ph.D.

*Assistant Professor, Department of Biological Sciences
Research and Education Coordinator, Chronic Pain Research Consortium
Duquesne University
Pittsburgh, PA*

"Using evolutionarily consistent evidence for left and right brain differences to understand visceral bladder pain"

Synopsis - This seminar will describe recent evidence suggesting the presence of differences in the reception and modulation of bladder pain by the left and right brain. We have found evidence for a pro-nociceptive role of the right amygdala and an anti-nociceptive role for the left amygdala in the context of bladder pain-like responses in mice. These experiments use pharmacologic, genetic, electrophysiological, and optogenetic approaches to probe the role of the brain in modulating visceral pain. The seminar will draw on both established and developing information describing hemispheric functional lateralization across biological taxa to put these findings into both a biological and a biomedical context.

January 19, 2017

12-1pm

SOD, Room 8105

