PSYCH 3711
Brain and Behavior

Did you know that we have over 100 billion neurons in our brain? That is the same number of stars in our galaxy!
What does a brain of an Alzheimer’s disease patient look like? Someone suffering from depression? Schizophrenia?
Why do we have dreams? What causes some people to act out their dreams?

The purpose of this course is to introduce students to the brain-behavior relationships that underlie various cognitive, behavioral, and affective processes. To begin to understand these relationships, we must first review the basic elements of neuroanatomy, physiology, and cellular biology. If you have never taken a course in any of these subjects or even a biology course, relax! We will cover all of the background material necessary for you to adequately understand the course material. We then will begin to consider specific cognitive, perceptual, affective, motor, and body regulatory functions across multiple species including, but not limited to, rodents, non-human primates, and humans.

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Andrea Brusfield is currently a graduate student in the Ph.D. Psychology program at the U of U, under the guidance of Dr. Raymond P. Kesner. Her primary research interests focus on how hippocampal subregions differentially contribute to learning and memory processes. Andrea is particularly interested in how learning and memory processes are affected by normal aging, disease, and brain damage and has worked with both animal models and various patient populations to examine age-related impairments in sensory and cognitive functioning.

This is an online course, which does not meet in-class.
For additional information, please visit http://uonline.utah.edu or call 585-5959.