Introduction to Neurological Disease

Lecturer: Ashley Thompson
Session: Winter 2018 Session
Wednesdays, January 10th – February 14th
10:30 a.m. – 12:30 p.m.
Room 124, Leeds House Building

Schedule of topics:

Week 1
Intro to Neurological Disease – Historical and current methods of diagnosis, introduction to the brain and nervous system

Week 2
Organization of the Brain – Brain Cells, Functional Regions of the Brain, Introductory Neuroanatomy

Week 3
Communication in the Brain – How Neurons communicate with one another through electrical and chemical signaling
Hormones and Stress – Introduction to these systems and how the brain interacts with them

Week 4
Stroke – symptoms, causes, treatments, current research
Concussions – symptoms, causes, treatments, current research

Week 5
Brain tumours
Phantom Limbs
Epilepsy – Split-brain patients

Week 6
Alzheimer’s disease – symptoms, causes, treatments, current research
Parkinson’s disease – symptoms, causes, treatments, current research

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