

Extramural Course in Neuroscience Neuroscience – The Twenty-First Century Brain

18 week lecture series run during Term 1 & 2, held in LB-11 on Tuesday evenings from 7pm – 8.20pm.

Schedule of lecturers – Term 1

Date	Lecture Title
Tues 6 th October	<i>Introduction to the Brain</i>
Tues 13 th October	<i>Training the Brain</i>
Tues 20 th October	<i>Brain Wiring and Miswiring; from Neurodevelopment to Psychiatric Disease</i>
Tues 27 th October	<i>Computers with Brains? A Neuroscience Perspective</i>
Tues 3 rd November	<i>Alzheimer's disease and MRI</i>
Tues 10 th November	<i>Making and Mending Minds</i>
Tues 17 th November	<i>Stem Cells: What use are they in the fight against brain disease?</i>
Tues 8 th December (rescheduled)	<i>Therapeutic Neuro-Modulation: Stimulating the Brain, Healing the Mind</i>
Tues 1 st December	<i>The brain's immune system in health and disease</i>

Term 2

To be rescheduled	TILDA and Neuroscience
Tues 2 nd February	How genes and synapses encode memory:

	insights from simple brains:
Tues 9 th February	Replacement Parts for the Brain Grow a brain! How the adult brain makes
Tues 16 th February	new nerve cells
Tues 23 rd February	The Rest of the Body
Tues 2 nd March	Sensation! It's all in the brain Gene x Environment Interaction in
Tues 9 th March	Psychiatric Diseases
Tues 16 th March	Pain processing, syndromes and analgesic mechanisms
Tues 23 rd March	The Cells at War in Multiple Sclerosis