Faculty and Staff Seminars Presents

**FACULTY FRIDAYS WITH STUDENTS**

Premiering

**Dr. Tim Denton’s Report from the 2014 Annual Neuroscience Convention in Washington D.C.**

“OF COURSE WE’LL NEED A SMALL SAMPLE OF YOUR BRAIN TISSUE”

Friday March 13 at 12:00 PM. Room: TE-111

Bring your milk, cookies will be provided.

An Academic Senate Social Committee and ASO sponsored presentation

Please RSVP ruizsibe@lattc.edu

Find us on the web: [http://comm.latte.edu/fasdevelopment/](http://comm.latte.edu/fasdevelopment/)
Dr. Denton studied **Neuroanatomy and Neurophysiology** at UCLA’s Brain Research Institute. Most of his work has been with neurodegenerative diseases. His dissertation was on the mechanism of toxicity of MPTP, a cause of Parkinsons’ Disease.

He did his first **postdoc at the Jules Stein Eye Institute**. He purified cone cells from the retina as part of a study for Retinitis Pigmentosum. Later at USC’s Percy Andrus Gerontology Center he did postdoctoral research characterizing Brain Derived Neurotrophic Factor (BDNF) as part of a study looking for growth factors that could be used to protect the neurons that die in Parkinsons’ Disease.

**The annual meeting of the Society for Neuroscience** is the largest meeting for Brain research in the world. More than 30,000 scientists and students attend. **The topics I will report on are all new discoveries.**

**The Glymphatic System** is a cleaning system for the brain. There is a surprising complexity of Endocannabinoid receptors, (they bind the psychoactive THC found in marijuana.)

**EcoG (Electrocorticography)**, is a technique in which electrodes are placed directly on the surface of the human brain. This gives a high resolution method of following functional activity in the human cortex.

**The Affective Touch System**, these are specialized receptors which sense touch with an emotional effect.

*LATTC’s own Faculty and Staff share their expertise with our students; Dr. Denton’s seminar is aimed to a general audience where both the expert and newcomer will find something interesting about the way our brain functions.*

**All faculty, Staff and students are invited to this event. Hope you can join us.**

Students: If you want to learn about the expertise of a particular professors, talk to that professors and e-mail your request to Dr. Ruiz Silva ruizsibe@lattc.edu

**Note: FLEX credit for this event is available to science and psychology faculty only. Questions about FLEX credit? Please e-mail: LATTC fasdevelopment@lattc.edu”**