

# Cognitive and Computational Neuroscience

CS 491/591 or ECE 595 (Advanced Neural Networks)

3 credit hours Spring Semester 2011, Weds 4:00-6:15

DSH Rm 327

## Tentative Schedule of Speakers

1/19/11	Thomas Caudell, "Intro to Computational and Cognitional Neuroscience"
1/26/11	Paul Livingston, "Philosophy of Mind" George Luger, "History of AI"
2/2/11	Paul Livingston, "Philosophy of Mind" George Luger, "Towards a Model-based Epistemology"
2/9/11	Thomas Caudell, "Introduction to Neural Networks"
2/16/11	Don Partridge, "Neuroscience"
2/23/11	Fernando Valenzuela, "Neuroscience" Michael Wilson, "Neuroscience" ?
3/2/11	Gar Kenyon, "LANL, Computational and Theoretical Neuroscience"
3/9/11	Claudia Teshe, "EEG and TMS" Vince Clark, "Imaging and DCS" ?
3/16/11	Spring Break
3/23/11	Vince Calhoun, "Imaging and signal processing" ?
3/30/11	Derek Hamilton, "Animal models and learning" Ron Yeo, "Spectrography and Imaging"
4/6/11	Akasha Tang, "Animals and Learning" Terran Lane, "Analysis of Networks"
4/13/11	Tim Goldsmith, "Learning and generalization; knowledge structures" Jessica Turner, "Ontologies"
4/20/11	Mike Bernard, "SNL, Cognitive and Neural systems research " Another lecturer
4/27/11	Jill Morford, "Language" Melanie Moses, "Social models"
5/4/11	Rex Jung, "Creativity and Intelligence" Caudell/Luger, "Class Summary"
5/11/11	Finals week