<table>
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| Tu & Th Week 1 | Phantoms in the Brain  
The Disembodied Lady. | What it feels like to have too many arms. | Incongruent Self and Embodiment |
| Tu Week 2 | The Itch  
Brain Lock Unlocked.  
The Neurology of Freewill | | Obsessions and Compulsions |
| Th Week 2 | Pursuit of a healthy lifestyle, sheer grit only takes you so far.  
Addiction and Cognition.  
Craving a Cure.  
Drowned in a Stream of Prescriptions.  
What Alcohol Really does to your brain | I Don’t Want to Go to Rehab  
Body Begone | Body Begone  
Understanding Body Ownership  
Inside the Wrong Body  
Me, Myself and I  
Rubber Hand Illusion  
Mice have body awareness |
| Tu Week 3 | Stoned Again. | The Brain Habit Beyond the Pillow | The Brain Habit Beyond the Pillow  
What lies sleeping  
Brain listens during sleep  
In your dreams  
Sleeping while awake |
| Th Week 3 | The Neurology of Free Will Stoned Again | A Risky Habit We Shouldn’t Encourage. | Marijuana and the Teen Brain  
This is your brain on LSD  
Psychedelic Neuroimaging.  
Just a trip  
Inside the Schizophrenic Mind  
How LSD Affects the Brain |
| Tu Week 4 | An Introduction to Metaphysics  
What are the Neuronal Correlates of Consciousness  
Excerpts from Conversations on Consciousness | Introduction to Metaphysics  
Neural Correlates of Consciousness  
Oxytocin – is it truly the Love Hormone?  
Puppy Love  
That Missing Feeling  
The Hormone Behind Eye Contact  
Oxytocin and Mouse Hearing. |
| Th Week 4 | *Clues from a Damaged Brain* | • This Charming Psychopath: How to Spot Social Predators Before They Attack  
• Investigating the Psychopathic Mind | The Injured Brain  
The Psychopathic Mind  
Mind Blasting Effects  
• *How Blasts Affect the Brain*  
• *The Science of Head Trauma*  
• *Battlefield Head Trauma.*  
• *Punch Drunk* |
| --- | --- | --- | --- |
| Tu Week 5 | *Welcome to the Show but Please leave on Your Blinders How Magic Changes Our Expectations About Autism.* | Restoration Mindware  
• *Monkeys Learn to Steer Wheelchair*  
• *Artificial Touch Enabled*  
• *Neuroprosthesis Restores Arm Movement.*  
• *Monkey-Machine interface.* |
| | | Alzheimer’s Disease  
Forget it!  
• *Forget to Remember*  
• *Making Mice Forget*  
• *Manipulating Memory*  
• *Exercise and Memories*  
• *Reactivating Lost Memories in Mice* |
| Th Week 5 | *Internal Attunement...Attention to Intention*  
*Harness the Unique Strengths of the Female Brain*  
*Science of Winning and Losing* | Sexual Dimorphic Brains  
• *Sex Deconstructed*  
• *Sex on the Brain*  
• *Sex Differences in the Brain*  
• *Monogamy and the Prairie Vole* |
COGS11 will focus on the nature of the mind.

As cognitive scientists, we are interested in such topics as the relationship between the mind and body, the relationship between emotion and reason, personal identity, embodiment, and the unconscious mind.

During the quarter you will be invited to reflect, discuss and write on these issues as you integrate your knowledge of neuroscience and philosophy.

Lectures:
11:00 – 2:00p Tu/Th
Mandeville B-150

COGS11 Contact Information:

If you have any questions or would like to set up an appointment to meet it is best to talk with me before or after lecture. 😊

Dr. Boyle’s – Mondays:
2:00 – 4:00pm & gladly by appointment
CSB 130

Email: mboyle at ucsd dot edu
Grades are posted on TED.ucsd.edu Boyle OH: Mondays @ 2-4 pm

Note: Always check the class website for the most up to date information.

The Fine Print:

Quizzes 45% - Final Quiz 15%
A total of four weekly quizzes will be given starting week 2.
Quiz material is from prior week's readings, lectures and discussion.
The Final Quiz will be on week 5 material and administered during the final exam period.

No make-up quizzes.

Class Presentation 20% & Mind Maps 20%
Class Presentation and Mind Map requirement - Information discussed during first week of classes.
EXTRA CREDIT
You may participate in all extra credit opportunities provided in COGS11.

Research Experiment participation credit - maximum of four hours.
Go to the SONA website to sign up for experiments. http://ucsd.sona-systems.com/
Be sure to assign the hours to your registered COGS11 section.
Additional information about your account can be found on the class website.

Neuroscience or Cognitive Science Seminar Series talk essay.
Receive up to 25% quiz credit. Turn in essay to your TA/IA within one week of talk. Last day to turn in an essay is Friday of week 10 at the end of lecture. The essay (maximum 2 pages, typed) should provide a summary of the talk, the relationship of the material presented to the class, and your opinion about the talk.

Check the class website for links to various seminar series on campus

Lecture notes are usually posted on the class website after lecture.

No podcast during Summer Session.
Students are strongly encouraged to attend all lectures.