

Neuroimaging Seminar Series Spring 2009 Tuesdays 5101 Tolman 3.30-5.30

To be followed by pizza and then discussion in a local 'public house'

27th Jan

Introduction to the Series Sonia Bishop

fMRI Project Presentation Emily Jacobs and Kaja LeWinn *Understanding how the social environment is embodied at an early age: an fMRI study of amygdala reactivity to threat-related stimuli as a function of social status*

Journal club item. *Social Neuroscience* *voodoo or witch hunt?*

Discussion of Vul et al. In Press "Voodoo correlations in social neuroscience" *Perspectives on Psychological Science* and a reply to this paper by Jabbi et al.

3rd Feb

Talk Brad Voytek *Patient-based human intra- and extra-cranial electrophysiology in cognitive and systems neuroscience*

fMRI Project Presentation Els van der Helm *Emotional Face Processing*

10th Feb

fMRI Analysis Clinic Matthew Brett - *email your questions on fmri analysis (SPM specific or general) to Matthew ahead of time or else bring them up during the clinic itself*

Talk Ben Inglis *A review of current capabilities and current best practices for fMRI on the Siemens 3 T.*

17th Feb

fMRI Project Presentation Anett Gyurak *Executive control training and its emotion regulatory consequences*

Talk Matthew Brett *Introduction to Imaging Statistics*

24th Feb

fMRI Analysis Clinic Matthew Brett

Talk Cindee Madison *Jittering in event related paradigms*

3rd March

Project Presentation Arne Ridderikhoff*, John Schlerf, Rich Ivry *"Motor learning: The challenge of separating error and learning signals with fMRI". *presenter*

Talk Matthew Brett *It's somewhere in the brain, but where?*

also **more fMRI analysis clinic questions** left over from last week

10th March

Project Presentation Vincent van Veen *Anterior cingulate cortex, cognitive dissonance, and attitude change: An fMRI study using a Solomon 4-group design*

Talk Ben Inglis *Prepolarized MRI: Towards Simultaneous MEG and fMRI of Human Brain*

17th March

Pre CNS practice poster walk throughs and talks. Els van der Helm, Allyson Mackey, Kirstie Whitaker, Taraz Lee, Antonio Homero, Elizabeth O' Hare

24th March **spring break**

31st March

CNS 'journal club' – *things of interest from CNS*. Presenters: Peter Butcher, Jeremy Elman, Allyson Mackay

7th April

Project Presentation Avgusta Shestyuk *Brain Regulation of Peripheral Reactivity to Social Evaluation or How to Make Your fMRI Subjects Hate You*

fMRI Analysis Clinic Matthew Brett

14th April

Project Presentation Michelle Goldman-Flythe *Neural Activity during Stereotype Activation and Correction: A Postdoctoral Research Proposal*

Project Presentation Dav Clark *Slight Difficulties: Engagement of the Ipsilateral Motor Network in Relatively Simple Tasks*

21st April

fMRI Analysis Clinic Matthew Brett

Talk Lavi Secundo *A method for ERP and time frequency analysis using cross-correlation and bootstrapping*

28th April

Project Presentation Amy Finn *Neural commitment to the "wrong" sounds: can native language phonological expertise help explain the sensitive period for language acquisition?*

Project Presentation David Bressler *Attention improves response reliability by decreasing noise: Reduction in the amplitude of fluctuations of fMRI signal at non-stimulus frequencies using periodic retinotopic mapping stimuli*

5th May

Journal Club Elizabeth Mormino *Resting State BOLD: Too good to be true?*

Journal Club Kirstie Whitaker *An empirical basis for the use of neuro-imaging in lie detection?*