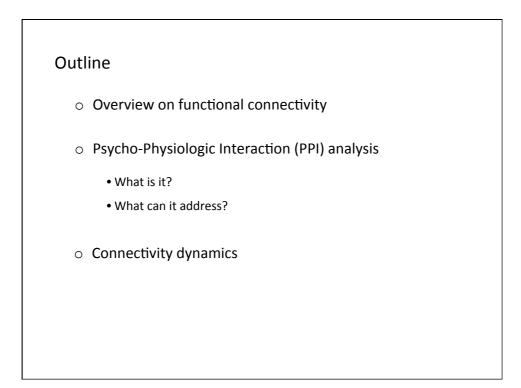
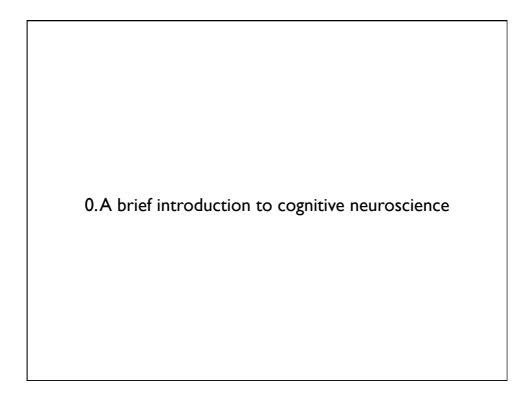
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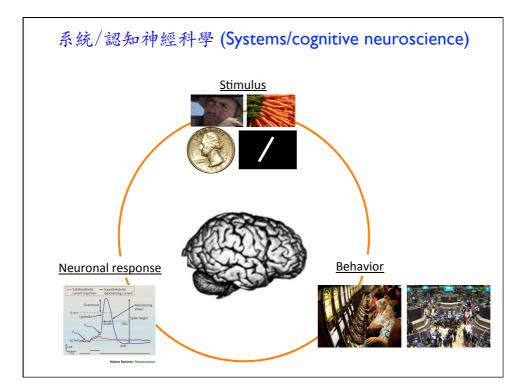
2017.07.27 政大 fMRI進階工作坊 Psychophysiologic interaction analysis

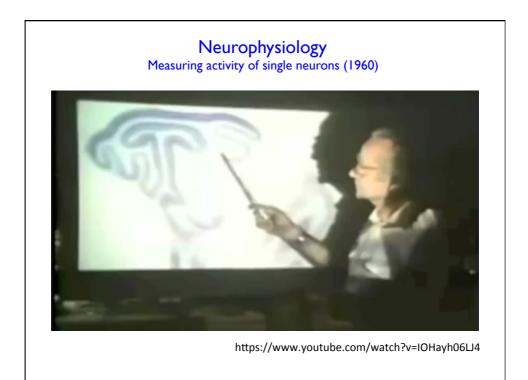
陽明大學神經科學所 吳仕煒

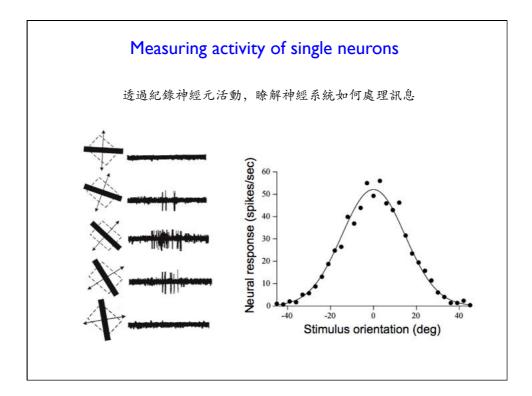


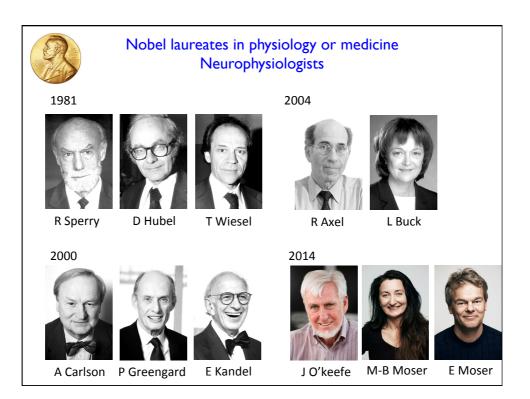
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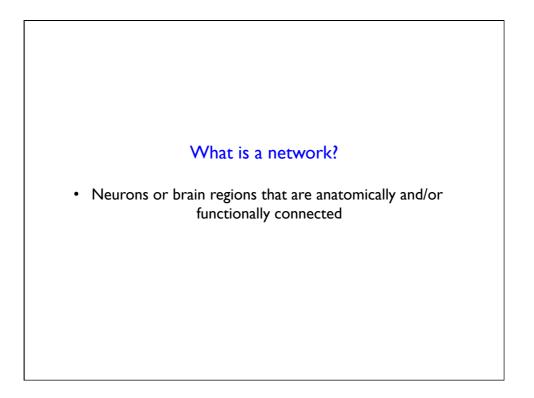


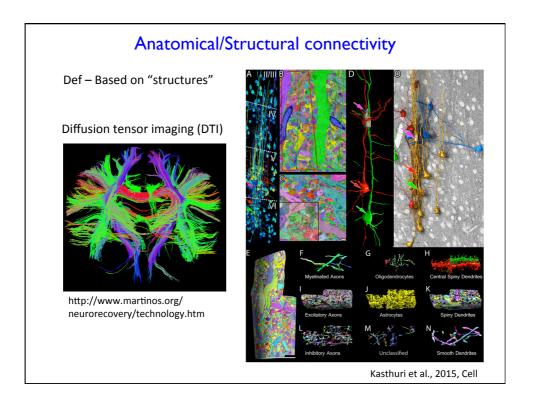


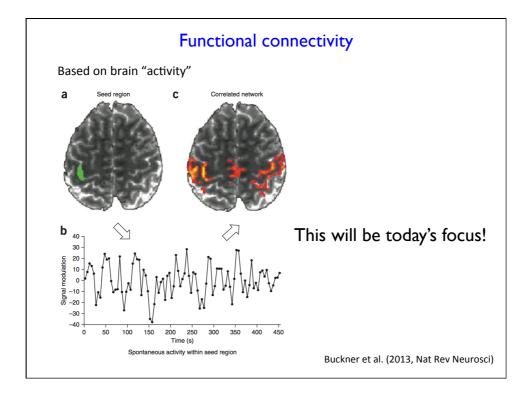


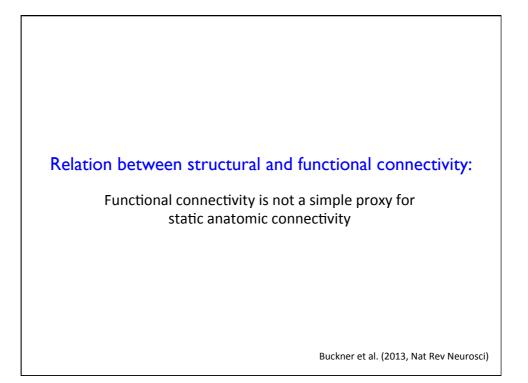




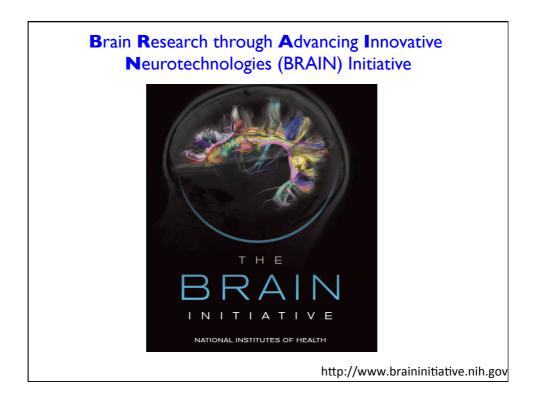




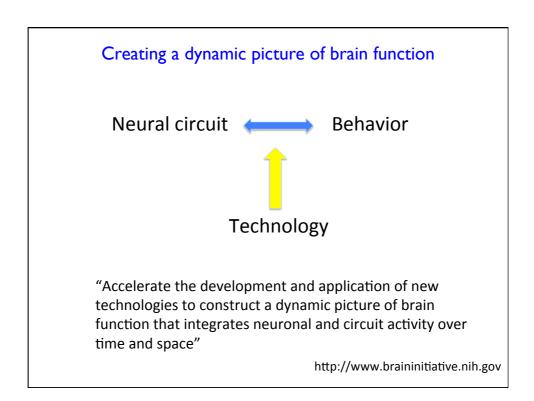


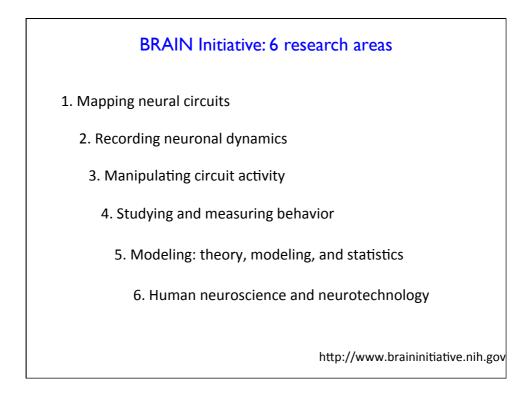


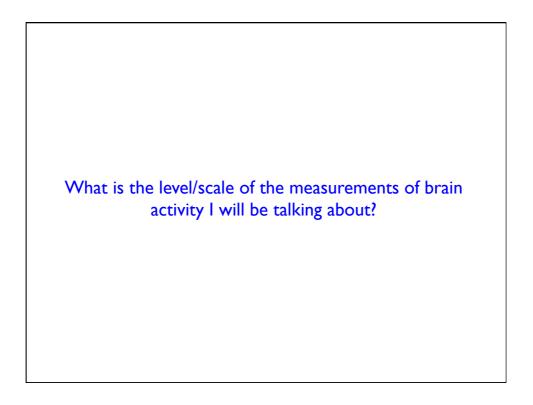
Why is understanding brain dynamics important? Its role in understanding behavior

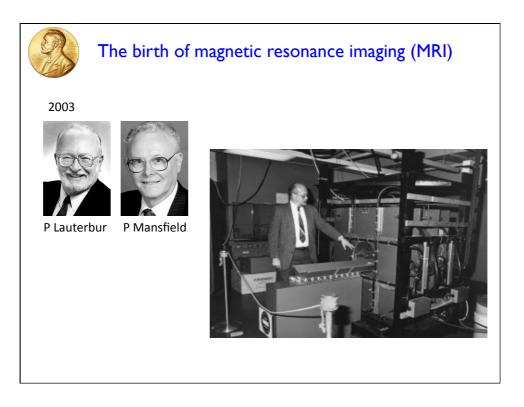


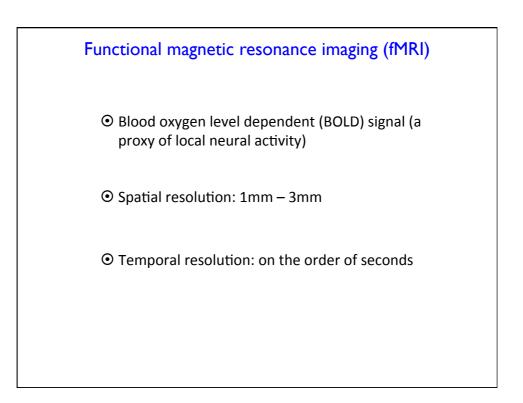


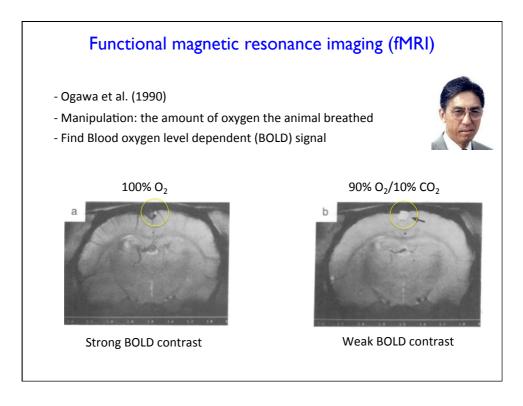


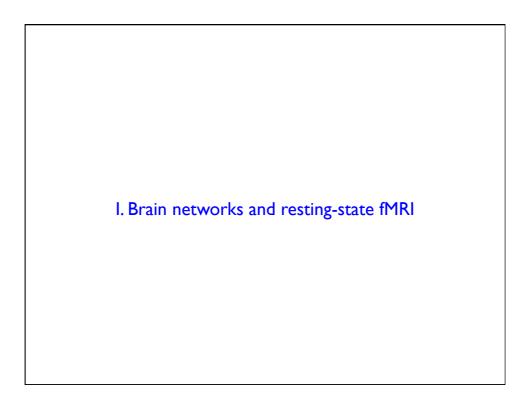


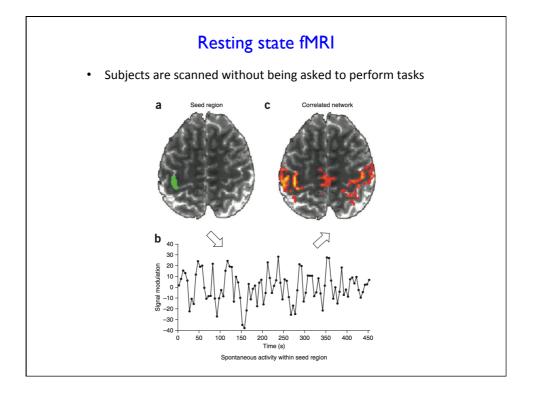


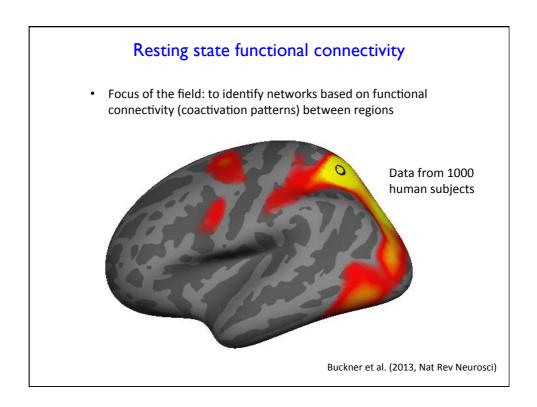


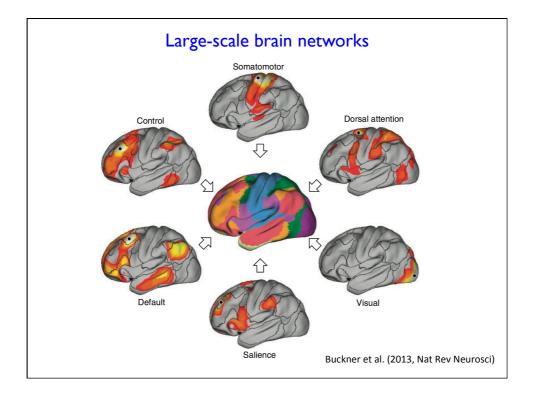


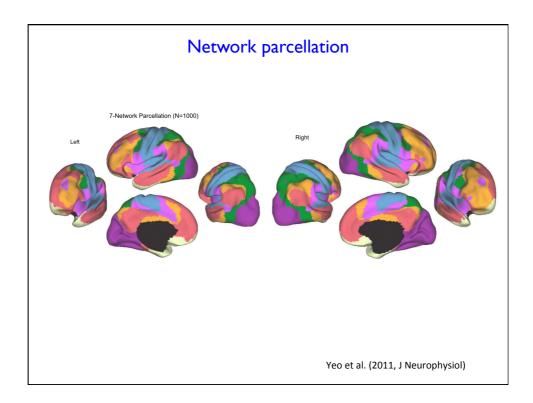


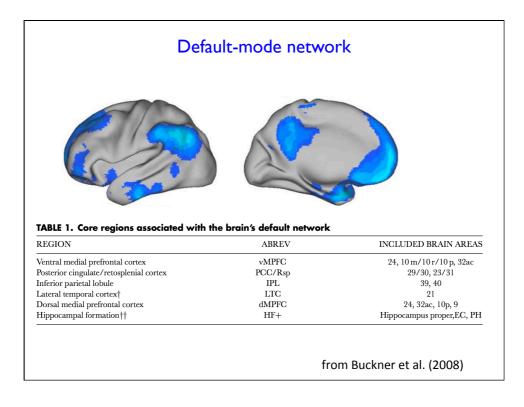


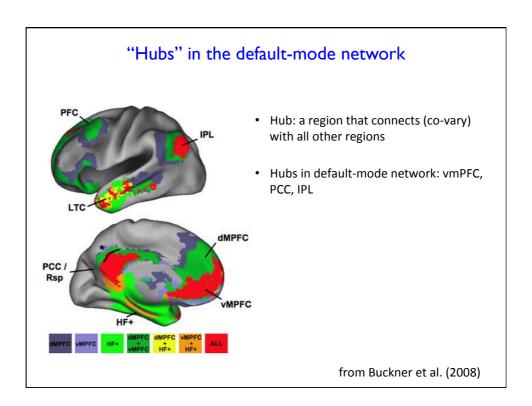


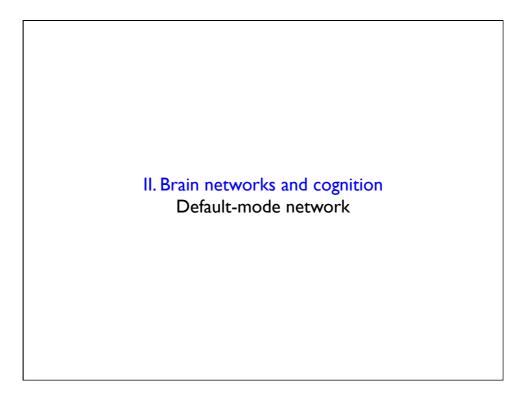


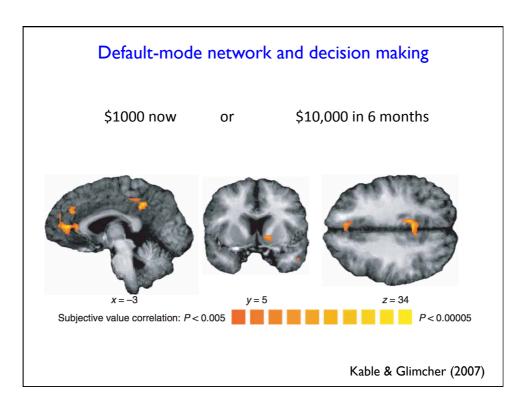


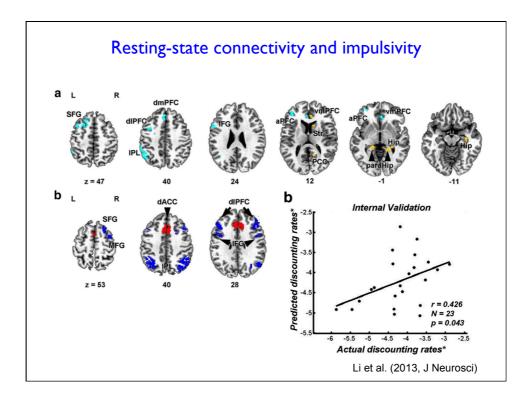


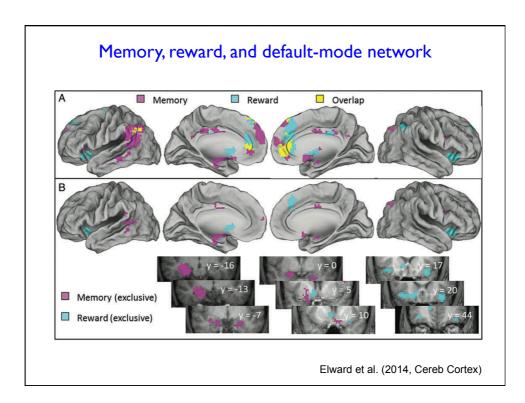


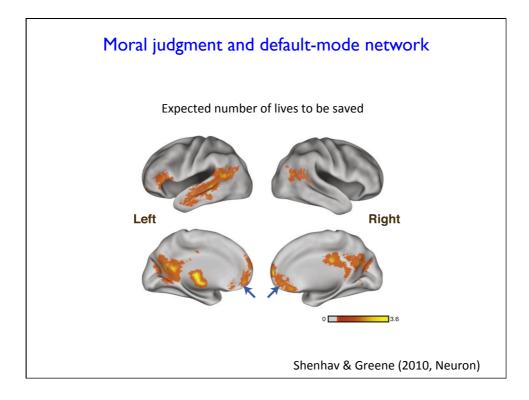


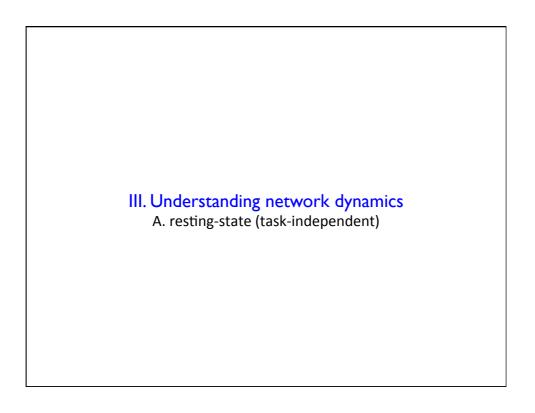


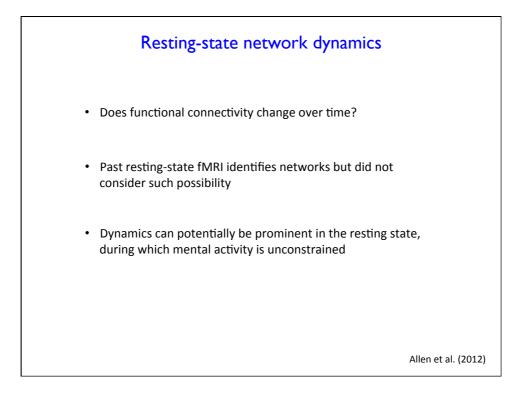


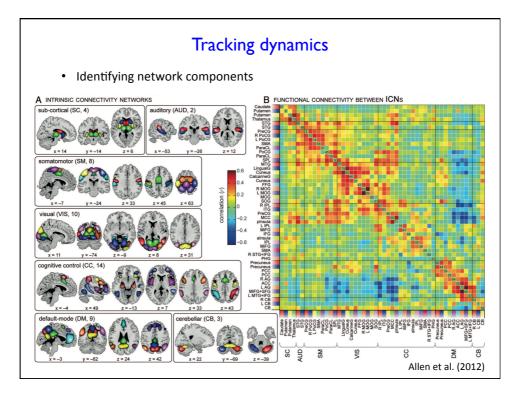


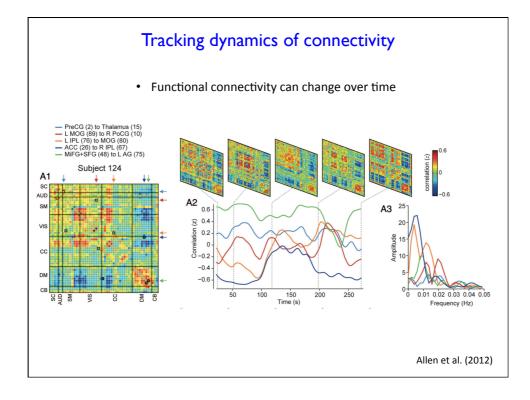


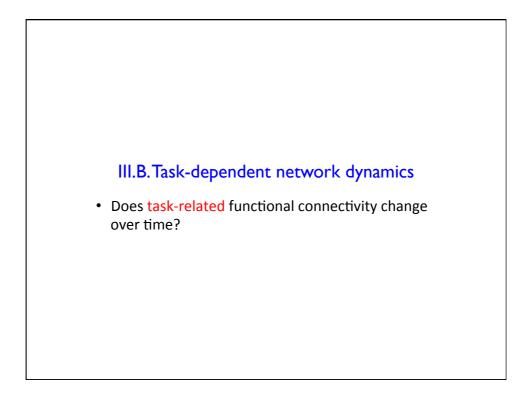


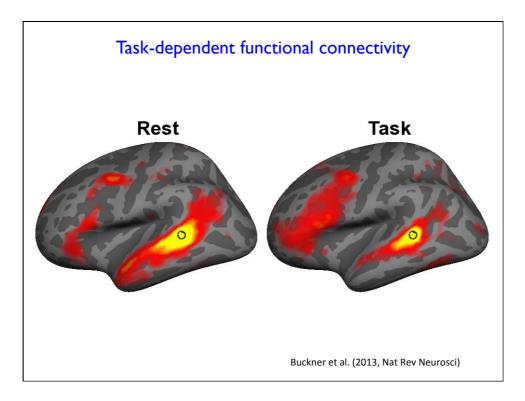


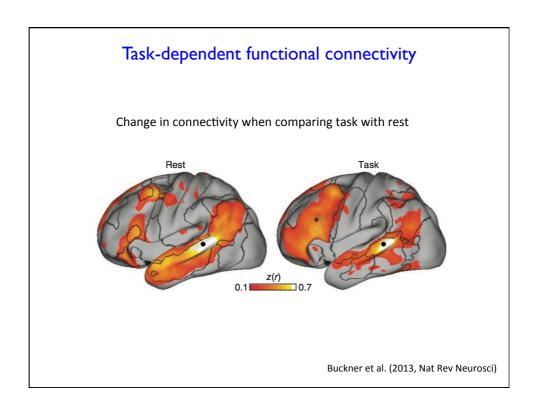


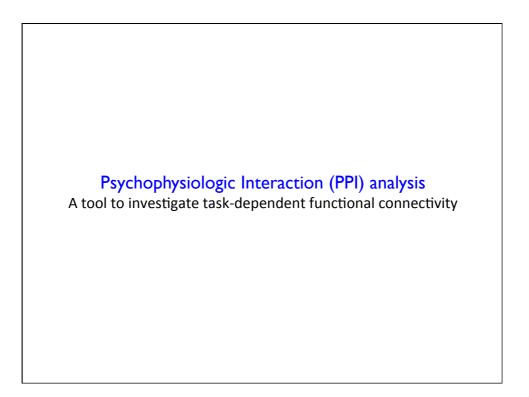


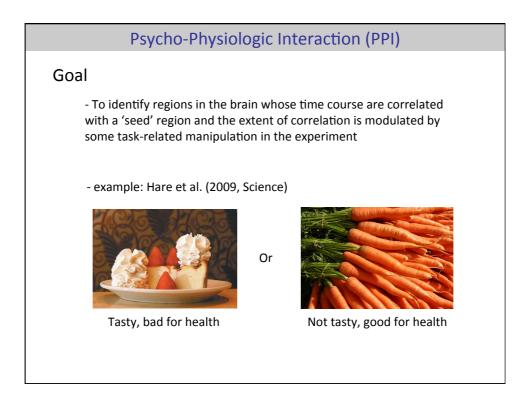


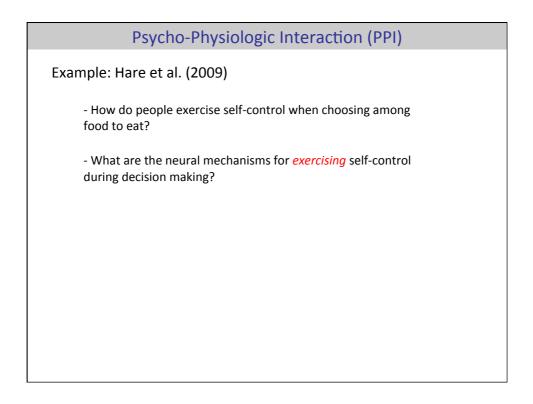


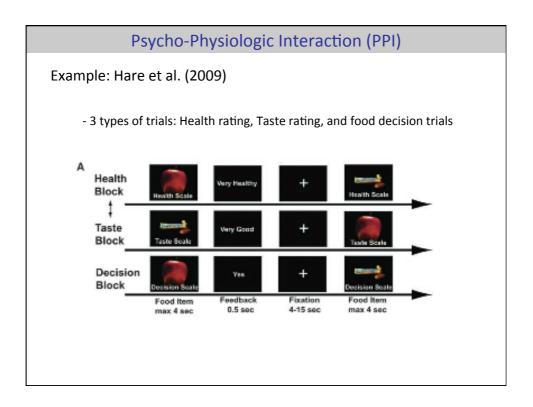


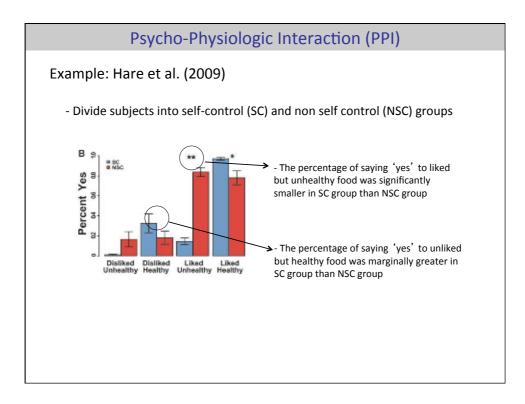


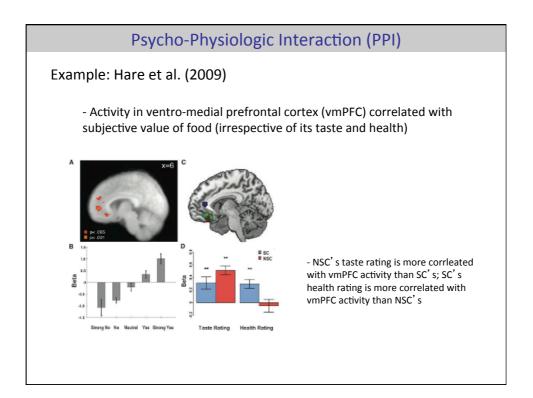


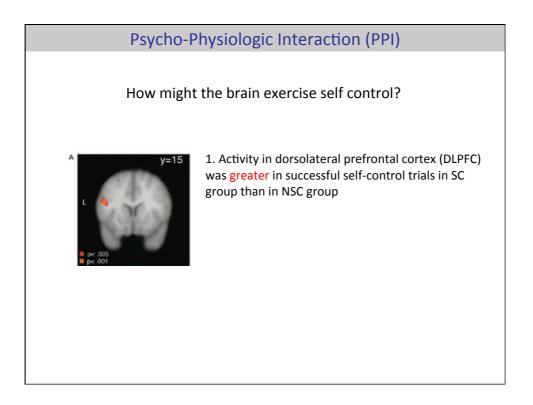


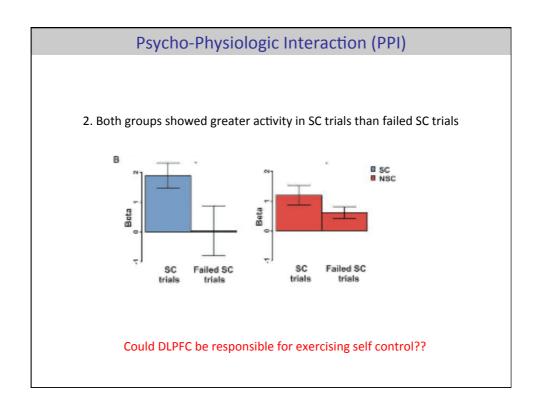


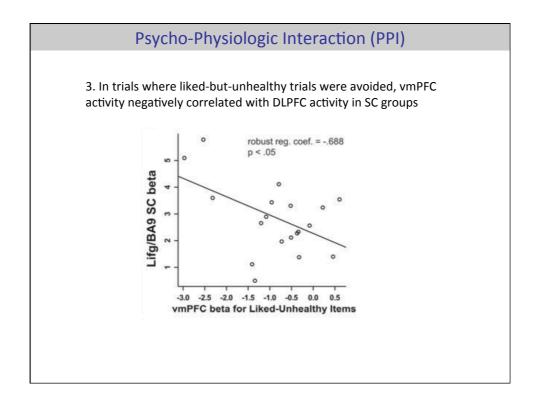


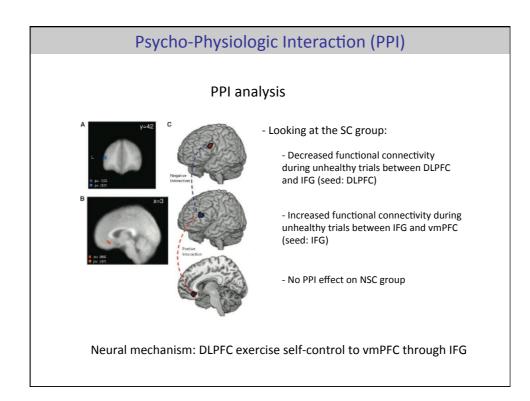


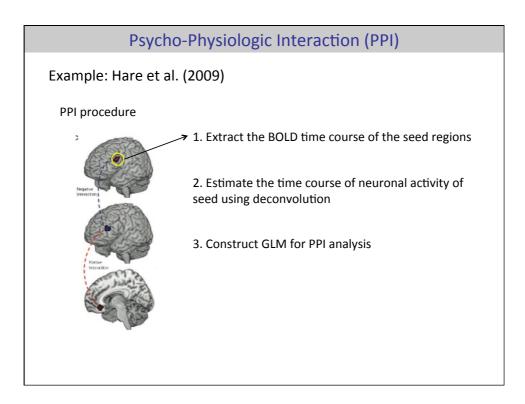


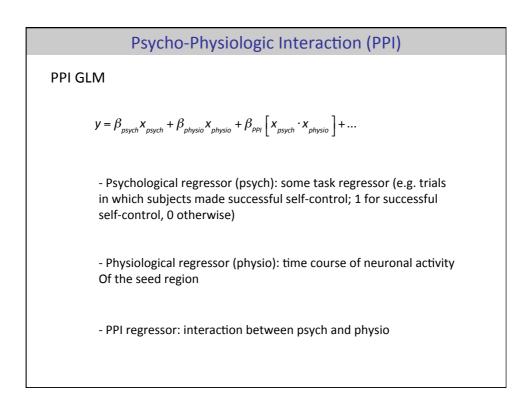


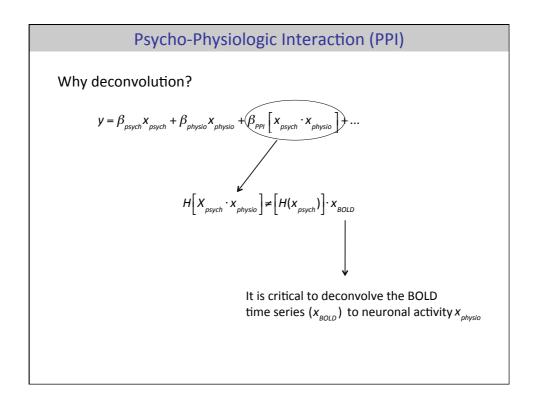












Psycho-Physiologic Interaction (PPI)

Discussion PPI

- PPI can address task-related changes in functional connectivity between 2 regions

- Beware of efficiency of your PPI GLM (especially check the correlation between psych and physio regressors

- It is a model-based approach (GLM) to understand functional connectivity, but could definitely be more informative than simply correlating time course between 2 regions

- The results of PPI are often complementary to the main results; they are typically not the main results of the experiment

Task-related, time-dependent connectivity and the dynamics of decision making memory retrieval learning Something ...

