Memory Disorders Research Society Meeting, 1999

Wednesday Nov 10       Pre-Meeting Workshop

2:00 - 5:00       Event-Related fMRI (Mark d'Esposito)

Presentations by Geoff Aguirre (Issues in experimental design for fMRI), Randy Buckner (Event-related fMRI designs with rapid presentation rates) and Mark d’Esposito (Empirical studies using event-related fMRI)

Thursday Nov 11

8:00 - 9:45       Data Blitz


9:45 - 10:00       Refreshment Break

10:00 - 12:30       Symposium I: Imaging of the Medial Temporal Lobes (Dan Schacter)

D. Schacter: Neuroimaging of encoding and retrieval in the medial temporal lobe
A. Martin: The medial temporal lobe and the automatic encoding of events
J. Gabrieli: Content specificity in medial temporal lobe activations
R. Buckner: Frontal and medial temporal contributions to episodic memory formation

12:30 - 1:30       Lunch Break

1:30 - 4:00       Symposium II: Topographical Amnesia (Mark d’Esposito)

M. d’Esposito: An introduction
M Moscovitch: Topographical memory in patients with medial temporal lobe damage
A.D. Redish: From place cells to episodic memory: Lessons from the animal literature

4:15       Bus >> Arizona Sonora Desert Museum

4:45 - 8:30       Tour of Museum and Dinner
Friday Nov 12

8:00 - 10:30  Symposium III: Nicotine and memory  (Paul Solomon)

  J. Disterhoft: Cholinergic contributions to trace eyeblink conditioning
  D. Woodruff-Pak: Nicotinic modulation in a form of associative learning and memory
  C. Barnes: Nicotine, long-term potentiation and memory
  P. Solomon: Emerging treatments for AD: The possible role of nicotine

11:00 - 12:30  Open Papers I

  H. Markowitsch: “Functional imaging results of affective old memories”
  B. Wilson: “How does errorless learning work?”
  M. Kopelman: “Retrograde amnesia and structural brain pathology: quantitative MRI findings”
  M. Rugg: “Neural correlates of memory encoding: fMRI and electrophysiological findings”

12:30 - 1:30  Lunch

1:30 - 4:00  Symposium IV: Relation Between WM and LTM  (Sue Corkin)

  A. Baddeley: The episodic buffer: A suggested interface between long term and working memory
  S. Grossberg: Neural dynamics of speech perception and word recognition
  R. Kesner: Working (episodic) memory and long-term (perceptual) memory: Double dissociation between the hippocampus and parietal cortex
  J. Cohen: Prefrontal cortex and the interactions between attention, working memory, and associative learning

4:00 - 4:30  Break

4:30 - 6:30  Open Papers II

  A. Mayes: “Encoding and retrieval activations: A summary of our neuroimaging Results”
  C. Grady: “Altered Functional Connectivity of Medial Temporal Cortex and Impaired Face Memory in Alzheimer’s Disease”
  G. Dalla Barba: “confabulation in Alzheimer’s disease and frontotemporal dementia”
  K. Graham: “Correlating performance on source monitoring and degree of medial temporal lobe atrophy in semantic dementia”
Saturday Nov 13

8:00 - 10:30  Symposium V: Animal Models of Amnesia (Betsy Murray)

  D. Mumby: Memory consolidation and animal models of retrograde amnesia
  S. Zola: Recognition memory in rats, monkeys, and humans: hippocampus, hippocampus, hippocampus
  B. Murray: Perceptual-mnemonic functions of the perirhinal cortex
  D. Gaffan: Dense amnesia in the monkey

10:30 - 11:00  Break

11:00 - 1:30  Symposium VI: Source Memory (Betty Glisky)

  B. Glisky: Source memory deficits in older adults: An encoding or retrieval problem.
  C. Van Petten: Electrophysiological comparisons of source and item memory
  M. Johnson: fMRI evidence for age-related feature binding deficits at encoding: Part of the aging and source memory story.
  A. Shimamura: The role of attention in encoding and recollecting source information.

1:30 - 2:30  Lunch

2:30 - 5  Desert Hike