MDRS SCHEDULE  Tucson 2005

Wednesday Sept 28

5:30 PM – 7:30 PM  Opening Reception – Ventana Room

Thursday Sept 29

7:30 – 8:00  Registration and Coffee  Foyer

8:00 – 10:00  SYMPOSIUM:  Control of retrieval processing: Cognitive mechanisms and their neural correlates

ORGANIZER:  MICK RUGG

8:00  M. Rugg  ERP and fMRI investigations of retrieval orientation
8:30  I. Dobbins  Decision rules versus retrieval operations: The role of right PFC during episodic retrieval
9:00  S. Bunge  Relational representation in anterior prefrontal cortex
9:30  A. Budson  The Distinctiveness heuristic as a retrieval orientation

10:00 – 10:30  BREAK

10:30 – 12:30  SYMPOSIUM:  Single case studies of amnesia

ORGANIZER:  NEAL COHEN

10:30  M. Moscovitch  Hippocampal contributions to recollection in retrograde and anterograde memory: Evidence from a person with bilateral fornix and left basal forebrain lesions
10:50  E. Maguire  Navigation in an amnesic London taxi driver
11:10  R. Morris  Allocentric spatial memory in a patient with selective hippocampal damage
11:30  S. Corkin  Neuroimaging H.M.: A Ten-year Follow-up Examination

12:10  N. Cohen & M. Duff  Intact collaborative learning of descriptive labels for novel shapes in a patient with profound amnesia: Implications for issues of ‘common ground’, semantic learning, and relational memory

12:30 – 1:45  LUNCH  (on your own)

2:00 – 4:00  SYMPOSIUM:  Can neuroimaging inform theories of mental structure?  The nature of inferences in neuroimaging

ORGANIZER:  RUSS POLDRACK
2:00  R. Poldrack:  The nature of inference in neuroimaging
2:25  R. Henson:  Qualitative differences in brain activity inform psychological theories
2:55  M. Johnson:  Using fMRI to explore components of reflective processing
3:25  P. Fletcher:  Can brain observations inform models of associative learning?
3:55  M. D’Esposito  Comment

4:00 – 4:30  BREAK

4:30 – 5:30  CERMAK TRAVEL AWARD TALKS

4:30  S. Rosenbaum  The Fractionation of Remote Spatial Memory
4:50  A. Gazzaley  Top-down modulation of visual processing: At the crossroads of attention and memory
5:10  D. Ghahremani  Comparing the influences of informational feedback and monetary reward on probabilistic classification learning: an investigation using fMRI.

6:15  Transport to Banquet  (gather in hotel lobby)

6:30 – 10:30  Banquet at Stillwell House

Friday Sept 30

7:30 – 8:00  Registration and Coffee

8:00 – 10:05  SYMPOSIUM: Neuroimaging and patient studies of autobiographical memory

ORGANIZERS: ROBERTO CABEZA AND MORRIS MOSCOVITCH

8:00  M.P. McAndrews:  The hippocampus is the hub of the autobiographical retrieval network
8:25  M. Conway:  Experiencing fantasies as memories: Dysfunctional autonoetic consciousness
8:50  P. Piolino:  Neuroimaging of life-long episodic autobiographical memory
9:15  D. Rubin:  What it takes to have an autobiographical memory: Theory and data.
9:40  S. Steinworth:  Remote Autobiographical Memory: Evidence for a Role of MTL Structures from Behavioral, fMRI, and EEG Data.

10:05 – 10:30  BREAK

10:30 – 11:30  DATA BLITZ
10:30  A. Baddeley: Working memory and binding in a case of developmental amnesia
10:40  K. Norman: Tracking the dynamics of memory cuing using fMRI
10:50  P. Reuter-Lorenz: "False" working memories: Memory distortion in a mere four seconds
11:00  P. Reber: Acquisition of expertise
11:10  K. Paller: Subjective familiarity is neurally distinct from fluent conceptual processing
11:20  B. Postle & E. Feredoes: Does size matter? Quantitative and qualitative discrepancies between single-subject and normalized-group analysis approaches to fMRI

Box Lunch available for $14.20 (ham or turkey sandwich, chips, beverage, cookie) -- orders MUST be placed no later than Thursday afternoon.

12:00   Eleanor Maguire: Cognitive Science Brown Bag
        Cognitive maps, relational memory, sequences; what's the human hippocampus for?
        Marriott Hotel, Room TBA

1:45 – 3:15  OPEN PAPER SESSION

1:45  R. Buckner: A Theory of Alzheimer's Disease That Begins With Activity Patterns in Young Adults
2:00  C. Van Petten: Transfer appropriate processing reduces prefrontal engagement in a source memory task
2:15  C. Grady: Neural networks for autobiographical, 'laboratory' episodic and semantic memory
2:30  M. D'Esposito: "Where is the top in top-down control?"
2:45  M. Kopelman & Peter Bright: Hippocampal and parahippocampal atrophy: more means worse, not different.
3:00  D. Montaldi: Exploring the effects of fornix lesions on human memory

3:15 – 3:45  BREAK

3:45 – 6:15  SYMPOSIUM: Relational binding in implicit, explicit and working memory: evidence from amnesia and neuroimaging

ORGANIZER: CHARAN RANGANATH

3:45  C. Ranganath: Background, introduction, and objectives
4:15  D. Hannula: Hippocampus and Relational Memory Processing
4:45  J. Quamme: When does familiarity support associative recognition in amnesia?
5:15  M. Verfaellie: Scope and limits of hippocampal binding: evidence from amnesia
5:45  M. Kahana: Temporal Context and Episodic Memory
6:25 – 7:45  BUSINESS MEETING

Agenda Items

• Next year’s meeting venue
• Process for selection of new members
  ▪ Does limited membership still make sense
• Balance of “disorders” and “normal memory” in society’s meetings
• Open session paper length: 15, 20, 25 min?
• Structure of MDRS – need for planning continuity and some access to funds
• Should there be a journal of Memory Disorders? If so, what role should MDRS play?

Saturday Oct 1

8:00  Registration and Coffee

8:30 – 11:30  SYMPOSIUM: Memory functions of the hippocampus and parahippocampal regions: Are they dissociable?

Organizer: Stefan Kohler

8:30  S. Kohler: Introduction to the symposium and selected findings illustrating the controversy

9:00  L. Ryan & L. Nadel: Comparing spatial and nonspatial components of episodic and semantic memory retrieval

9:30  L. Davachi: Evidence for functional dissociations within MTL during episodic encoding

10:00  C. Stark: Items, Associations, And Pattern Separation

10:30  A. Yonelinas: Amnesia ROCks

11:00  A. Mayes: Memory processing differences in the medial temporal lobes: How do we resolve conflicts in the evidence and its interpretation?

SCIENTIFIC MEETING ENDS

Afternoon hike in desert for those who are interested (organized by Lee Ryan)