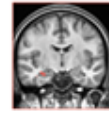


HIPPOCAMPAL SUBFIELDS

Towards a unified hippocampal subfield segmentation method



3rd Hippocampal Subfield Segmentation Summit (HS3.3)

University of California, Irvine

Sunday, August 17, 2014

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|----------|---|
| 8:30 AM | Coffee and pastries |
| 9:00 AM | Introduction
Michael Yassa, UC Irvine |
| 9:15 AM | Working Group Update: Questionnaire
Valerie Carr, Stanford University |
| 9:45 AM | Working Group Update: Subfield Boundaries
Geoff Kerchner, Stanford University |
| 10:15 AM | Coffee Break |
| 10:30 AM | Discussion (questionnaire and boundaries) |
| 12:00 PM | Lunch |
| 1:00 PM | Working Group Update: Acquisition Protocols
Craig Stark, UC Irvine |
| 1:30 PM | Discussion (acquisition) |
| 2:15 PM | Coffee Break |
| 2:30 PM | Update on quantitative evaluation of subfield segmentation protocols
Paul Yushkevich, University of Pennsylvania |
| 3:00 PM | Using ASHS for automatic segmentation of the parahippocampal gyrus
Craig Stark, UC Irvine |
| 3:30 PM | General Discussion I
Moderators: Susanne Mueller and Geoff Kerchner |

Conference Program

Monday, August 18, 2014

- 8:30 AM Coffee and pastries
- 9:00 AM **Anatomical and histological delineation of hippocampal subfields on post-mortem human tissue**
Jean Augustinack, Harvard Medical School (via Skype)
- 9:30 AM **High-resolution functional MRI of hippocampal subfields**
Arne Ekstrom, UC Davis
- 10:00 AM **Reliable manual segmentation of hippocampal subfields from high-resolution MRI scans: Association with biomarkers and cognitive performance**
Ana Daugherty, Wayne State University
- 10:30 AM Coffee Break
- 10:45 AM **Tracing the hippocampal white matter: Manual segmentation of the fornix, fimbria and alveus on high-resolution 3T MRI**
Robert Amaral, McGill University
- 11:15 AM **Working Group Breakout Session I**
- 12:00 PM Lunch
- 1:00 PM **Working Group Breakout Session II**
- 2:00 PM Coffee Break
- 2:15 PM **General Discussion II**
Moderators: Valerie Carr and Paul Yushkevich
- 3:45 PM Summary and Future Plans
- 4:00 PM Meeting adjourns