Print this Page

Presentation Abstract

Program#/Poster#:	417.4
Title:	R.E.M. revealed
Location:	Room 209A
Presentation Time:	Monday, Nov 17, 2008, 1:45 PM - 2:00 PM
Authors:	***P. S. LOW**[1,2], S. C. BARTON[1,2,3], R. LANDRETH[1,2,3], T. J. SEJNOWSKI[1]; [1]Crick-Jacobs Ctr. and CNL, Salk Inst., La Jolla, CA; [2]NeuroVigil, Inc., La Jolla, CA; [3]UCSD VA, La Jolla, CA
Abstract:	6 Human subjects were analyzed during REM sleep at both a 30 sec and a 1 sec resolution, computationally, using the SPEARS algorithm, and manually. Human REM sleep was broken down into 11 different 1 sec rhythms: Alpha, Delta, Theta, High Frequency Artifact, Low Frequency Artifact, Movement Arousal, Eye Movement, Rapid Eye Movement Baseline, Spindle, K-complex and Vertex Sharp Wave. We report correlation between these fine micro EEG graphoelements and the stable and unstable stages of REM sleep as identified by temporal fragmentation analysis (Low Thesis, UC San Diego, 2007).
Disclosures:	**P.S. Low** , NeuroVigil, Inc., A. Employment (full or part-time); **S.C. Barton**, None; **T.J. Sejnowski**, NeuroVigil, Inc., F. Consultant/Advisory Board; **R. Landreth**, None.
Support:	Kavli

[Authors]. [Abstract Title]. Program No. XXX.XX. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2008. Online.