

## Faculty

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Virginia Affective Neuroscience Lab  
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Functional Brain Imaging  
Kennedy Krieger Institute  
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Carlo Pierpaoli, M.D., Ph.D.  
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James Thompson, Ph.D.  
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# MARYLAND NEUROIMAGING RETREAT

OCTOBER 24, 2013  
9 AM- 6PM

THE ATRIUM  
STAMP STUDENT UNION  
UNIVERSITY OF MARYLAND

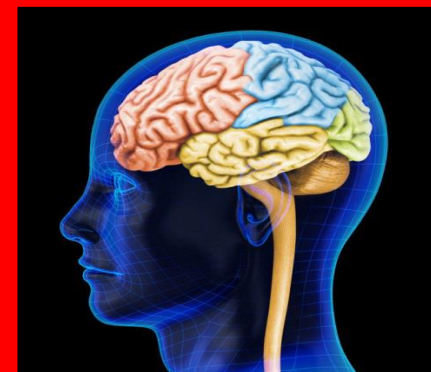
## Planning Committee

Rao Gullapalli, Ph.D., M.B.A.  
Diagnostic Radiology and Nuclear  
Medicine  
University of Maryland, Baltimore

Luiz Pessoa, Ph.D.  
Maryland Neuroimaging Center  
University of Maryland, College Park

David Seminowicz, Ph.D.  
Neural and Pain Sciences  
University of Maryland, Baltimore

Chandler Sours, B.S.  
Program in Neuroscience  
University of Maryland, Baltimore



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## Program

8:00 am- 9:00 am	<b>Registration/Breakfast</b>
9:00 am- 9:20 am	<b>Welcome Address</b>
9:20 am- 9:50 am	<b>Carlo Pierpaoli, M.D., Ph.D.</b> <i>Anatomical accuracy of brain connectivity assessed by Diffusion MRI Tractography</i>
9:55 am- 10:25 am	<b>Peter Kochunov, Ph.D.</b> <i>Using schizophrenia as the model to study white matter deficits</i>
10:30 am- 11:00 am	<b>James Pekar, Ph.D.</b> <i>Magnetic Resonance Imaging of Functional Networks in the Never-Resting Brain</i>
11:00 am- 11:15 am	<b>Coffee Break</b>
11:15 am- 11:27 am	<b>Jun Hua, Ph.D.</b> <i>Whole brain BOLD functional MRI at Ultra-high Magnetic Field</i>
11:30 am- 11:42 am	<b>Sarah Blankenship, B.S.</b> <i>Structural Development of the Hippocampus and Episodic Memory in Early Childhood</i>
11:45 am- 11:57 am	<b>Catherine Hubbard, Ph.D.</b> <i>Pain-related functional MRI brain changes in a rat model of chronic neuropathic pain</i>
12:00 pm- 12:12 pm	<b>Feng Xu, Ph.D.</b> <i>Empirical Bayesian Estimation Improves Analysis of Task and Resting-State fMRI Data from Multi-Echo BOLD Data</i>
12:15 pm- 1:15 pm	<b>Lunch</b>
1:15 pm- 1:40 pm	<b>Vasiliki Ikonomidou, Ph.D.</b> <i>Osteoporosis detection from clinical brain MRI</i>
1:45 pm- 2:10 pm	<b>Michael Dimyan, M.D.</b> <i>Physiological &amp; Imaging Markers of Post-Stroke Recovery &amp; Rehabilitation</i>
2:15 pm- 2:40 pm	<b>James Thompson, Ph.D.</b> <i>Brain Mechanisms for the Perception of Basic Social Stimuli</i>
2:40 pm- 3:00 pm	<b>Coffee Break</b>

3:00 pm- 3:20 pm

**Jens Herberholz, Ph.D.**

*Structural and functional neuroimaging of crayfish with manganese-enhanced MRI*

3:25 pm- 3:55 pm

**James Coan, Ph.D.**

*Social Regulation of the Neural Response to Threat*

4:00 pm- 4:55 pm

**Keynote Speaker**

**Introduced by Elias Melham, M.D., Ph.D.**

**Gregory Sorensen, M.D.**

5:00 pm- 6:00 pm

**Poster Session and Reception**

## Keynote Speaker

Gregory Sorensen, MD, is the President and Chief Executive Officer of Siemens Healthcare in North America, charged with leading the USA organization and providing additional oversight for Canada and Latin America.

Previously, Sorensen served as Professor of Radiology and Health Sciences & Technology at Harvard Medical School; faculty member of the Harvard-MIT Division of Health Sciences and Technology; and Co-Director of the A.A. Martinos Center for Biomedical Imaging at Massachusetts General Hospital, as well as a visiting professor of neuroradiology at Oxford University.

