



**Preliminary Program Schedule (as of 4/16/15)
CSF Flow Group / IHIWG Meeting
Thursday, April 30 – Friday, May 1, 2015
Sheraton Chicago Hotel & Towers
Columbus AB (Lobby Level)
Chicago, Illinois**



Thursday, April 30, 2015

10:00am – 12:00pm

Seminar on VIIP program at NASA

10:00am – 10:30am

The Visual Impairment Intracranial Pressure Syndrome in Long Duration Astronauts: Epidemiology and Pathophysiology
Christian Otto, MD

10:30am – 11:00am

Orbital and Intracranial Effects of Microgravity at 3T
Larry Kramer, MD

11:00am – 11:30am

Structural Brain Changes Following Long-term 6° Head-down Tilt Bed Rest as an Analog for Spaceflight
Donna Roberts, MD

11:30am – 12:00pm

Analyses of Magnetic Resonance Imaging of Cerebrospinal Fluid Dynamics Pre and Post Short and Long-Duration Space Flights
Noam Alperin, PhD

12:00pm – 1:00pm

Hosted Box Lunch Service

1:00pm – 2:30pm

Point of Obstruction in Hydrocephalus

1:00pm – 1:30pm

Classification of Hydrocephalus
Harold L. Rekate, MD

1:30pm – 2:00pm

The Critical Role of Neuroradiology in Determining Site of Obstruction in Hydrocephalus
Ari M. Blitz, MD

2:00pm – 2:30pm

Evaluating CSF Flow Studies, Can We Do Better?
Christopher G. Filippi, MD

2:30pm – 3:00pm

Presentations of Cases

David S. Titelbaum, MD

3:00pm – 3:30pm

Hosted Afternoon Break



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Thursday, April 30, 2015 (continued)

3:30pm – 5:00pm	NPH
3:30pm – 4:00pm	<i>TimeSLIP in NPH</i> Meng Law, MD, MBBS, FRACR and Wende N. Gibbs, MD, MA, BA
4:00pm – 4:30pm	<i>Faster PC MRI Using Segmented K-Space</i> William G. Bradley, Jr., MD, PhD, FACR
4:30pm – 5:00pm	<i>Secondary NPH in MS and Parkinson's</i> Murray A. Solomon, MD
6:00pm – 7:00pm	Reception – Michigan AB
7:00pm – 9:30pm	Dinner – Michigan AB
<i>what time is this presentation?</i>	<i>TimeSLIP</i> Shinya Yamada, MD, PhD



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Friday, May 1, 2015

7:00am – 8:00am

Hosted Continental Breakfast

8:00am – 9:30am

Glymphatic System (online)

8:00am – 8:25am

Impairment of Glymphatic Pathway Function in The Aging Brain
Jeffery J. Iliff, PhD (online)

8:25am – 8:50am

Relationship Between Interstitial Fluid (ISF) and CSF Compartments in The Human Brain
Prof. Roy O. Weller (online)

8:50am – 9:15am

Pathology of Periarterial Lymphatic Drainage of The Brain in Man and Mouse
Roxana Carare, MD, PhD (online)

9:15am – 9:30am

Discussion

9:30am – 10:00am

Hosted Morning Break

10:00am – 12:00pm

Pathophysiology of Chiari I: Part I

10:00am – 10:24am

Physiology-based Quantitative Assessment of CSF Flow in Chiari I Malformation
Rafeeqe A. Bhadelia, MD

10:24am – 10:48am

Title: TBD
Victor M. Haughton, MD

10:48am – 11:12am

Posing The Questions for Fluid Dynamics in The Pathogenesis of Syringomyelia
Kent-Andre Mardal, MD

11:12am – 11:36am

Assessment of Cephalometric Measurement Reliability in Type 1 Chiari I Malformation
Bryn A. Martin, PhD

11:36am – 12:00pm

Automated Cephalometric Measurement of the Posterior Fossa in Chiari I Malformation
Noam Alperin, PhD

12:00pm – 1:00pm

Hosted Box Lunch Service



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Friday, May 1, 2015 (continued)

1:00pm – 2:00pm

Chiari I Malformation: Part II

1:00pm – 1:20pm

Defining Anterior Pathologies
Craig I. Horenstein, MD

1:20pm – 1:40pm

Dysautonomia/Basilar Impression
Harold L. Rekate, MD

1:40pm – 2:00pm

General Discussion of Chiari I Malformation

2:00pm – 3:00pm

Case Presentations: All Are Welcome

Interesting Cases and Problematic Physiologies
David S. Titelbaum, MD

3:00pm

Closing and Welcome to Banff