

November 7th & 8th
Conquer Chiari Research Conference '14
Advancing Diagnosis, Management & Understanding

The
University
of Akron

CONQUER  CHIARI
RESEARCH CENTER

A reception will be held at Sheraton Suites, Thursday, Nov. 6th from 7-9 PM. Food and drinks will be served.

The University of Akron

Polymer Engineering Academic Center
S. Forge St. at Hill St. Intersection
Akron, OH 44325

Conference Hotel

Sheraton Suites Akron Cuyahoga Falls
1989 Front St, Cuyahoga Falls, OH 44221
<http://www.sheratonakron.com/>

Transportation between hotel and conference venue will be provided (Van will leave from hotel at 7:15am & 7:45am)

Transportation to/from Airport will be provided (email Loth@UAkron.edu to schedule pick up times)

UIC UNIVERSITY OF ILLINOIS
AT CHICAGO

CONQUER  CHIARI
From Knowledge, Strength. Through Research, Hope.



Column of Hope

Chiari & Syringomyelia Research Foundation

All presentations are 25 min (20 min talk + 3 min questions + 2 min change over)

7:30 Breakfast

- 8:00 **Mr. Rick Labuda**, Conquer Chiari
Building an effective research portfolio: Lessons from early stage investing
- 8:25 **Dr. Rebecca Santelli**, University of North Carolina
Maternal Depression, Prenatal SSRI exposure, and Chiari I Malformations
- 8:50 **Dr. Phil Allen**, UA/CCRC
Influence of Chiari malformation I on affective and cognitive performance
- 9:15 **Dr. Kenan Arnautovic**, Semmes-Murphey Clinic
Association of increased body mass index (BMI) with Chiari I malformation and syrinx formation in adults

9:40 Break & Posters

- 10:00 **Dr. John Oro**, Chiari Care Center
Unravelling the Chiari/pseudotumor puzzle
- 10:25 **Dr. Mark Luciano**, Cleveland Clinic
TBD
- 10:50 **Dr. Cormac Maher**, University of Michigan
TBD
- 11:15 **Dr. Mario Ammirati**, The Ohio State University
Surgical outcomes using wide suboccipital decompression for adult Chiari I malformation with and without syringomyelia
- 11:40 **Dr. Konstantin Slavin**, UIC *Morning Discussion*

12:00 Lunch & Posters

- 1:15 **Dr. Francis Loth**, UA/CCRC
CMI Hydrodynamics – Update key advances
- 1:40 **Dr. Bryn Martin**, UA/CCRC
Measuring Brain Motion in CMI
- 2:05 **Dr. Malena Espanol**, UA/CCRC
Morphometric-Based Classification for Chiari Malformation I

2:30 Break & Posters

- 2:45 **Dr. Marcus Stoodley**, Australian School of Advanced Medicine
TBD
- 3:10 **Dr. Jennifer Strahle**, University of Michigan
Syrinx morphology predicts syrinx etiology: Implications for Chiari-associated syrinx
- 3:35 **Dr. Nic Liepzig**, UA/CCRC
Transcriptomics and metabolomics analyses to reveal the syrinx biochemical environment in a rat model of cervical syringomyelia
- 4:00 **Dr. Konstantin Slavin**, UIC *Afternoon Discussion*

Speaker Dinner at Sheraton Suites



Sponsored by Column of Hope

6:30 Cocktails

7:00 Dinner Served

Keynote Speaker:

Dr. Yvens Fernandes

Chiari I: a new brain inside an ancient skull base

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7:30 Breakfast

8:00 [Dr. Roger Kula](#), The Chiari Institute
The Cervical Medullary syndrome

8:25 [Dr. Aintzane Urbizu](#), CCRC (visiting)
Combined exome sequencing and whole genome linkage analysis in familial Chiari malformation type I

8:50 [Dr. Leah Shriver](#), UA/CCRC
Metabolomic Analysis of Disorders of CSF Flow

9:15 [Fatema Ghasia](#), Cleveland Clinic
Eye Manifestations in Chiari Malformations

9:40 Break

10:00 [Dr. John Heiss](#), NIH
Chiari Epidemiology

10:25 [Dr. John Oshinski](#), Emory University
Measurements of CSF Flow in Pediatric Patients with Chiari

10:50 [Drs. Michelle Chyatte](#), [Denise Kropp](#), [Rebecca Fischbein](#), NEOMED
Voices of Chiari: Patient Experiences

11:15 [Dr. Andrea Poretti](#), Johns Hopkins
Diffusion Tensor Imaging in Chiari I

11:40 [Dr. Konstantin Slavin](#), UIC *Morning Discussion*

12:00 Lunch & Poster Winners

1:00 [Dr. Kevin Kaut](#), UA/CCRC
Understanding the Developmental and Psychoeducational Implications of Chiari Malformation: An Integrative Approach

1:25 [Dr. Maureen Lacy](#), University of Chicago
Cognition in Chiari Malformation I: Impact of Herniation level, Surgery, Mood, and Training

1:50 [Dr. Georgy Koentges](#), University of Warwick
Chiari 1 as a neural crest disorder: CO2 sensing and the origins of apnea and hypopnea in Chiari patients

2:35 [Dr. Konstantin Slavin](#), UIC *Conference Wrap-Up*