

Conquer Chiari Research Center

OPEN HOUSE



July 21st, 2018
9:00 am - 6:00 pm
The University of Akron



C Blake McDowell Law Center | 150 University Ave | Akron, OH 44325

★ **FREE TO ATTEND!**

★ **TAKE A TOUR OF THE LAB**

★ **Enjoy Fun Activities**

★ **Meet the Research Team**

★ **ENGAGE IN WORKSHOPS**

★ **See the Latest Research & Education Materials**

★ **PARTICIPATE IN RESEARCH STUDIES**

★ **FAMILY FRIENDLY**

★ **Lunch Provided**

★ **Attend Research Presentations**

Who Should Attend?

Everyone with an interest in Chiari is welcome! Patients, Parents, Families, Supporters, Donors, Students, & Medical Professionals

To attend, please register at www.conquerchiari.org

Questions? Contact Dorothy Loth: dloth@uakron.edu | (303) 972-5714

Details

Tentative Schedule - Subject to Change

Schedule

9:00 - 9:30	Registration Posters
9:30 - 10:00	Welcome Introductions Key Findings
10:00 - 10:45	Research Presentations Session 1
10:45 - 11:00	Break Posters
11:00 - 11:45	Research Presentations Session 2
11:45 - 1:00	Lunch Posters Lab Visits Research
1:00 - 1:45	Behind the Scar: A Story of Strength Research
1:45 - 2:00	Posters
2:00 - 2:45	Research Presentations Session 3
2:45 - 3:00	Break Posters
3:00 - 3:45	Research Presentations Session 4
3:45 - 4:00	Break Posters
4:00 - 5:00	Workshops Lab Visits Research
5:00 - 6:00	Posters Lab Visits Research

Research Presentations

- Advancing Understanding Through Morphometric Analysis
- Cognitive Effects of Chiari and Pain
- Chiari Packs A Punch: Analyzing the Emotional Impact
- Chiari & Genetics: Clues Starting to Emerge
- Results from the Chiari 1000 Project: How do you compare?
- ACT Therapy & Aquatic Exercise to Treat Chronic, Chiari Related Pain
- Assessing the Educational & Vocational Impact of Chiari
- Using Advanced Engineering & Imaging Techniques to Investigate the Biomechanics of Chiari
- Investigating Syringomyelia at the Cellular Level to Develop New Treatment Options
- Pain: What, Why and How

Workshops

- Getting Involved with Conquer Chiari
- Talking about Chiari
- Chiari 101: The Basics and Misconceptions

**We will be conducting research during the open house.
If you're interested in participating, please contact dloth@uakron.edu**

Poster Displays

Tentative - Subject to Change

Research

- A Retrospective 2D Morphometric Analysis of Adult Female Chiari Type I Patients with Commonly Reported and Related Conditions
- An Electrophysiological Study of Cognitive and Emotion Processing in Type I Chiari Malformation
- Machine Learning Applied to Neuroimaging for Diagnosis of Adult Classic Chiari Malformation: Role of the Basion as a Key Morphometric Indicator
- Chiari 1000 Registry Project: Assessment of Surgical Outcome on Self-Focused Attention, Pain, and Delayed Recall
- A Morphometric Assessment of Type I Chiari Malformation Above the McRae Line: A Retrospective Case-Control Study in 302 Adult Female Subjects
- Spinal Cord Transcriptomic and Metabolomic Analysis after Excitotoxic Injection Injury Model of Syringomyelia
- Cephalometric Oropharynx and Oral Cavity Analysis in Chiari Malformation Type I: a Retrospective Case-Control Study
- A Hydrogel Bridge Incorporating Immobilized Growth Factors and Neural Stem/Progenitor Cells to Treat Spinal Cord Injury
- Task-Specific and General Cognitive Effects in Chiari Malformation Type I
- Hydrodynamic and Longitudinal Impedance Analysis of Cerebrospinal Fluid Dynamics at the Craniovertebral Junction in Type I Chiari Malformation
- Selected Results from the Chiari 1000: How do you compare?
- 3D CT Analysis of the Clivus Bone in Adult Women with Chiari
- Morphometric Comparison: Pre-Post Decompression Surgery
- Advanced DTI Imaging Shows Cognitive Damage Associated with Chiari
- Extending Morphometrics into 3 Dimensions
- Semi-automated Morphometric Analysis of the Posterior Fossa Region in Chiari Patients

Educational

- What is Chiari?
- Symptoms
- Diagnosis
- MRI
- Treatment
- Related Conditions
- Taking Chiari to School
- Chiari & Sleep
- Chiari & Weather
- Symptom Triggers
- Neck Muscles
- Tips For Finding A Neurosurgeon

Accommodations

Courtyard Marriott (1.2 miles)

41 Furnace Street
Akron, OH 44308
330-252-9228
888-236-2427

Ask for University of Akron rate-\$122

Sheraton Suites (4.23 miles)

1989 Front Street
Cuyahoga Falls, OH 44221
330-929-3000
888-627-7020

Ask for University of Akron rate- \$129

Hilton Garden Inn Akron (2.28 miles)

1307 E. Market Street
Akron, OH 44305
330-733-2900
877-782-9444

Ask for CCRC Open House rate- \$119

Conquer Chiari Research Center Open House Map

