6th Annual Center for Children's Surgery Research Symposium

Friday, February 17, 2023

Overview and Target Audience

Through specific lectures and discussions led by experts in the field of Surgical Research, the goal of the conference is for participants to enhance their foundation of knowledge and practical research strategies to better care for their patients. This year’s Research Symposium will highlight multidisciplinary collaborations across our campus and will be of interest to pediatric and adult surgeons, research specialists, registered nurses, advanced practice nurses, and interested care providers in surgical research disciplines.

Educational Objectives

At the conclusion of the activity, participants should be able to identify the advances in:

* Clinical outcomes research with the wide spectrum

of surgical disciplines.

* Basic science research with the wide spectrum

of surgical disciplines.

* Translational science research with the wide spectrum of surgical disciplines.
* Quality improvement research with the wide spectrum of surgical disciplines.
* Multidisciplinary team science research with the wide spectrum of surgical disciplines.

Registration

Registration is required.

Detailed instructions to participate will be provided.

Completion of the online evaluation is required to obtain CME credit.

Please support our speaker(s) and the accreditation requirement.

This activity is hosted on Continuing Education at Children’s Hospital Colorado Log-In to Register. Mobile device is required for mobile check in on the day of the event. Check-In opens at 07:30a on day of event. Check in to mark attendance and evaluate. CODE is KEXBAG

[Symposium Registration Here](https://ce.childrenscolorado.org/content/6th-annual-center-childrens-surgery-research-symposium" \l "group-tabs-node-course-default6)

Our CE home: <https://ce.childrenscolorado.org/>

Desktop Check-In - <https://ce.childrenscolorado.org/code>

**Continuing Education Credit**

Medical: Children’s Hospital Colorado is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Children’s Colorado designates this Live activity for a maximum of 5 *AMA PRA Category 1 Credit(s)™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Other: A general certificate of attendance will be provided for all other health care providers.

**Location**

This conference will be hosted in-person at the Children’s Hospital Colorado Conference Center.

**Further Information**

If you have questions or to request arrangements to accommodate a disability, please contact Claudia Mata, MPH, Program Coordinator, Research in Outcomes for Children’s Surgery (ROCS),

Center for Children’s Surgery. (720) 777-0798 or email [claudia.mata@childrenscolorado.org](mailto:claudia.mata@childrenscolorado.org)

**Disclosures**

Planners, faculty, and others in control of content (either individually or as a group) have no relevant financial relationships with ineligible companies.

See symposium schedule – next page

CCS Research Symposium Schedule

Friday, February 17, 2023

8:30 AM – 8:35 AM Opening Remarks

**Duncan Wilcox, MBBS, MD**

Surgeon-in-Chief

Director, Center for Children’s Surgery

Chair, Pediatric Urology

Professor, Pediatric Urology

8:35 AM – 9:35 AM Keynote Address

*A Glimpse of the Future – The Power of Cloud Computing to Transform Clinical Care and Research*

**Rowland Illing, DM, MRCS, FRCR**

Chief Medical Officer

Director of International Public Sector Health

Amazon Web Services (AWS)

9:35 AM – 10:15 AM Break/Poster Session (non-CE)

10:15 AM – 11:05 AM Panel: The Importance of Considering Health Inequities & Health Literacy in Clinical Research

Moderators: Shannon Acker, MD & Dan Wood, PhD, MBBS, FRCS

**Panelists:** Michael Puente, MD

Brandi Freeman, MD

Vijay Vemulakonda, MD, JD

11:05 AM – 12:10 PM Quality Improvement & Multidisciplinary Team Science Podium Session

Moderators: Sarah Gitomer, MD & Kyle Rove, MD

**Austin Zhu, XX:** *The Impact of Mental Health Symptoms in Children with Tinnitus and Misophonia: A Multi-Disciplinary Approach*

**Claire Giachino, XX:** *Time from ACL Injury to time of Surgery: Evaluating a Multifaceted Set of Potential Predictors*

**Samantha Wilson, MS:** *Design and Implementation of a Screening Protocol to Improve Diagnosis of Visual Sequelae in Children with Primary Brain Tumors*

**Ann Kulungowski, MD & Taizo Nakano, MD:** *Treatment of Localized Intravascular coagulopathy in Venous Malformations*

**Kellie Woodfield, MD:** *Using a Virtual Training Series to Increase Pediatric Primary Care Providers’ Knowledge and Confidence in Adolescent Reproductive Health*

**Obinna Diala, MBBS, MPH:** *Reclassification of High-Risk Children for Overnight Adenotonsillectomy Monitoring: An Outcome Analysis*

12:10 PM – 1:10 PM Lunch

1:10 PM – 2:15 PM Basic/Translational Science Podium Session

Moderators: Allyson Alexander, MD PhD & Michael Puente, MD

**Mohammed Alshareef, MD:** *Complement Inhibition Reduces Hydrocephalus Following Neonatal Intraventricular Hemorrhage in a Murine Model*

**Ali Teimouri:** *Late Effects of Systemic Doxorubicin on Detrusor Contractility in Murine Model*

**Lauren Gallagher, MD:** *Intrauterine Growth Restriction is Associated with Upregulated MicroRNA-15B in an In-Vitro Model*

**Connor Elkhill, BS:** *Non-Invasive and Quantitative Surgical Outcome Evaluation of Patients with Sagittal Craniosynostosis Undergoing Sagittal Craniectomy*

**Paige Hoffman, XX:** *Focal Cortical Dysplasia: Insights into Development and Mechanisms of Epileptogenesis*

**Naoko Iguchi, PhD:** *Detrusor Dysfunction Accompanied with Mast Cell Accumulation in the Bladder Following Systemic Vincristine Exposure in a Murine Model*

2:15 PM – 3:20 PM Outcomes Podium Session

Moderators: Todd Hankinson, MD, MBA & Jill L. Kaar, PhD

**Megan Masten, MD:** *Higher Body Mass Index Percentile is Associated with LNG-IUS Expulsion in Adolescents and Young Adults*

**Jordyn Adams, XX:** *The Optimal Age for Surgical Management of DDH Differs by Treatment Method*

**Tiffany Lien, XX:** *Comparison of the Timeliness of Diagnosis and Treatment of Strabismus Based on Race and Preferred Language*

**Keanu Chee, XX:** *Tumor Surveillance of Pediatric Adamantinomatous Craniopharyngioma using Unenhanced Magnetic Resonance Imaging*

**Kelly T. Harris, MD:** *Can We Predict the Need for Long-Term Follow-Up in Men with a History of Posterior Urethral Valves?*

**Bailey Lyttle, MD:** *Prenatal Total Lung Volumes Predict Outcomes Among Fetuses with Congenital Genitourinary Anomalies*

3:20 PM – 3:30 PM Closing Remarks

Evaluation

4:00 PM – 5:30 PM Awards & Happy Hour Reception