

# May 15, 2026

## CHRI Heart & Vascular Diseases Mini-Summit Children's Nebraska

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### Speaker Information

**8 a.m.**

**Keynote Speaker: Michael Goldsmith, MD**, Director of Cardiac Informatics, Children's Hospital of Philadelphia

Dr. Goldsmith led the institution-wide evaluation and implementation of a large-scale patient-monitoring integration engine, enabling continuous capture and visualization of high-frequency and waveform data across the CHOP enterprise. This platform fuels his research at the intersection of real-time physiology, advanced analytics, human-centered design, and clinical decision support—work aimed at improving recognition of evolving patient states and enhancing team situational awareness.

Trained in cardiology and cardiac critical care at Boston Children's Hospital/Harvard Medical School, he has collaborated on NIH-supported predictive analytics studies, led initiatives to develop and implement advanced predictive-analytics models in the ICU environment, serves as co-lead for the Pediatric Cardiac Intensive Care Society's Subcommittee on Informatics, and recently authored *The Case for the Pediatric Cardiologist Informaticist in Pediatric Cardiology*. His current work focuses on building data-driven tools that bring tomorrow's Cardiac ICU into today's clinical practice.

Talk Title: *"From Monitors to Meaning: Building Real-Time Intelligence in the Cardiac ICU"*

**9:15 a.m.**

**AOE Updates: Jeffrey Salomon, MD**, Associate Professor, UNMC Departments of Pediatrics and Physiology ([jeffrey.salomon@unmc.edu](mailto:jeffrey.salomon@unmc.edu))

**9:30 a.m.**

**Featured Speaker: Ayisha Bashir, MBBS, PhD**, Clinical Research Associate, Child Health Research Institute ([abashir@childrensnebraska.org](mailto:abashir@childrensnebraska.org))

Dr. Bashir is currently working with Pediatric Cardiology, managing multisite databases, data integration of genetically positive aortopathy, and other patients. During graduate school in clinical informatics and biomechanics/kinesiology, her research focus was on physical activity, cardiovascular health promotion, technological interventions, including telehealth for cardiovascular/chronic diseases.

Talk Title: *"Telehealth and Single Ventricle Interstage Monitoring: (Tele-IHM)"*

**Featured Speaker: Ling Li, MD, PhD**, Assistant Professor, UNMC Division of Pediatric Cardiology ([ling.li@unmc.edu](mailto:ling.li@unmc.edu))

Dr. Li is specializing in fetal and pediatric cardiovascular imaging. Her research integrates advanced ultrasound and artificial intelligence to improve early detection and risk stratification of congenital heart disease, with a focus on scalable solutions for rural and underserved populations. She leads multidisciplinary efforts to translate AI-enabled imaging innovations into real-world clinical practice.

Talk Title: *"AI-Enabled Fetal Cardiac Imaging: From Acquisition to Clinical Translation - Integrating AI, ultrasound and rural data to improve prenatal CHD detection"*

**Featured speaker: Jason Christensen, MD**, Associate Professor, UNMC Division of Pediatric Cardiology ([jaschristensen@childrensnebraska.org](mailto:jaschristensen@childrensnebraska.org))

Jason Christensen, MD, is the director of Non-Invasive Imaging for the Criss Heart Center at Children's Nebraska. Dr. Christensen's clinical expertise focuses on advanced imaging techniques, 3D printing and virtual reality assessments of complex heart disease and surgical planning. His research and innovation efforts are aimed at diagnostic ultrasound at a distance. As a Midwest farm kid, he wants to improve rural health using robotics and computer vision.

Talk Title: *"Necessity and Invention"*

