



Research Now | March 2017

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Please learn more about our recent achievements in research and academics, including a new study on contraception for women with diabetes and a quality improvement project that increased survival for young heart surgery patients.

- **John Barnard, MD, President, The Research Institute**



Hormonal Contraception Safer Than Expected for Women With Diabetes

Women with diabetes often fall through the cracks when it comes to prescription contraception, but new research funded by the American Diabetes Association illuminates the issues and highlights safe options for this patient population. Sarah O'Brien, MD, principal investigator in the Center for Innovation in Pediatric Practice in The Research Institute and hematologist at Nationwide Children's Hospital, is lead author of the study, which was published in the journal *Diabetes Care*.

How a QI Project Dramatically Increased Pediatric Survival After Cardiopulmonary Arrest

In 2010, The Heart Center at Nationwide Children's Hospital decided to change the way it reviewed code events, in an effort to improve patient outcomes. Andrew R. Yates, MD, cardiologist and critical care physician at Nationwide Children's, is senior author of the recent *American Journal of Critical Care* publication that describes the new, multidisciplinary process and how it helped achieve an 81 percent survival rate among vulnerable young heart surgery patients.



Two Investigational Antitumor Agents Work Better Together Against MPNST and Neuroblastoma

New research published last month shows that the combined use of two agents show significant efficacy in models of malignant peripheral nerve sheath tumor (MPNST) and neuroblastoma, rare cancers which are difficult to treat. Timothy Cripe, MD, PhD, chief of Hematology/Oncology & BMT and principal investigator in the Center for Childhood Cancer and Blood Diseases in The Research Institute at Nationwide Children's, is senior author of the study, which was published in the journal *Oncotarget*.

Recent Publications

View recent publications from investigators and clinicians affiliated with Nationwide Children's Hospital.



Apply by March 31 for DISCOVERYx 2017, Our Second Annual TEDx Event

Enthusiasts from all disciplines at Nationwide Children's are encouraged to apply for DISCOVERYx, a TEDx-inspired event that will showcase ten presenters sharing their "story behind discovery." Selected speakers will receive professional coaching in preparation for the live event on June 23, and recordings from last year's inaugural event can be found on [the DISCOVERYx 2016 website](#).

Kim McBride, MD, MS, Appointed Chief of Molecular and Human Genetics

Dr. McBride is a physician in the Division of Molecular and Human Genetics at Nationwide Children's Hospital and the director and founder of the Cardiovascular Genetics Clinic at Nationwide Children's, as well as a principal investigator in the Center for Cardiovascular Research in The Research Institute. He is also an associate professor of Pediatrics and a member of the faculty for the Biomedical Sciences Graduate Program and the Molecular, Cellular, & Developmental Biology Graduate Program at The Ohio State University.



Sarah Keim, PhD, Co-Investigator on \$2.6M NIH Grant to Study Childhood Obesity Prevention

Dr. Keim, the site principal investigator for Nationwide Children's Hospital, will be leading recruitment of families and interacting directly with research participants throughout the project, which will focus on better understanding how parent-child interactions at mealtimes can affect children's obesity risk.

Multi-Institutional Trial Investigates Therapeutic Hypothermia after In-Hospital Cardiac Arrest

Eric A. Lloyd, MD, attending physician in the Pediatric Intensive Care Unit at Nationwide Children's Hospital, is co-author of a recent publication in *The New England Journal of Medicine* that compared two temperature interventions in children who had had in-hospital cardiac arrest, in a trial conducted at 37 children's hospitals. The study was funded by the National Heart, Lung, and Blood Institute.



Kelly Kelleher, MD, Selected for 2017 Distinguished Contribution to Child Advocacy Award from American Psychological Association

Dr. Kelleher, director of the Center for Innovation in Pediatric Practice and vice president of Health Services Research at The Research Institute at Nationwide Children's Hospital, was selected by the executive committee of the Society for Child and Family Policy and Practice (Division 37 of the APA).

Spring Research Live Show on March 20 at 12 Noon in Discovery Auditorium

Everyone is invited to learn more about pediatric trauma research at Nationwide Children's Hospital as John Barnard, MD, president of The Research Institute, interviews Julie Leonard, MD, MPH, director of clinical research for the Center for Injury Research and Policy on Monday, March 20 from 12-12:30PM in Discovery Auditorium. Snacks and drinks will be provided, but please be sure to bring your lunch!



Events Calendar

View a listing of weekly seminars and upcoming events for academics and research at Nationwide Children's Hospital.

Save the Date: Bremer Foundation Lectureship on April 26

The Annual Bremer Foundation Lectureship in Pediatrics is open to everyone at Nationwide Children's Hospital, and provides an opportunity for world-renowned scientists to present their research. Kim Lewis, PhD, University Distinguished Professor and Director of the Antimicrobial Discovery Center at Northeastern University, will present on "The Quest for New Antibiotics" on April 26 at 3PM in Discovery Auditorium, with a reception to follow in Research II lobby.



Clinical Studies

For a listing of studies at Nationwide Children's that are currently recruiting participants, visit our clinical research studies website.

Research News Room

To keep up with more of the latest Nationwide Children's research news, visit the Research News Room. To be notified when our news release section is updated, please [sign up to receive e-mail updates](#) or stay connected with our RSS feeds.

To submit content for consideration in Research Now, or to give feedback, email
ResearchNow@NationwideChildrens.org

The next issue will be distributed on April 3, 2017. The deadline to submit content is Wednesday, March 22, 2017.

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