



Research Now | May 2017

nationwidechildrens.org/research-now

Learn more about our recent accomplishments and collaborations in research and academics, from a cloud-based platform for the exchange of genomic sequencing data, to shared instrumentation to support biomedical research.

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



New Study Finds that U.S. Poison Control Centers Receive 32 Calls a Day About Children Exposed to Prescription Opioids

Gary Smith, MD, DrPH, director of the Center for Injury Research and Policy at Nationwide Children's Hospital, is senior author of the *Pediatrics* study, which found that there were more than 188,000 calls to U.S. Poison Control Centers for pediatric exposure to opioids from January 2000 through December 2015, averaging 32 calls a day or one call every 45 minutes. The study was conducted in collaboration with the Central Ohio Poison Center.

Cognitive Behavioral Therapy Can Help Kids With Persistent Post-Concussive Symptoms

Kelly McNally, PhD, a pediatric neuropsychologist at Nationwide Children's Hospital, along with colleagues, evaluated a brief cognitive behavioral intervention program for children and teens who experienced symptoms lasting for months or even years after a concussion. Results of the pilot study, which was published in the journal *Child Neuropsychology*, suggest that this type of intervention may be a promising treatment for reducing symptoms and increasing function and quality of life for these children and adolescents.



Nationwide Children's Hospital Research Team Awarded Innovative Development Grant from American Heart Association

A multidisciplinary research team at Nationwide Children's was recently awarded a grant from the American Heart Association (AHA) to harness the power of big data to improve outcomes in cardiovascular care. The team will be leveraging a cloud-based collaboration platform known as CardioGenomics eXchange commons to allow for the analysis and exchange of genomic sequencing data among the cardiovascular researchers.

Recent Publications

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



Louise Rodino-Klapac, PhD, Recognized as 2017 Forty Under 40 Honoree by Columbus Business First

A panel of *Business First* judges evaluated 283 nominations and selected Dr. Rodino-Klapac, principal investigator in the Center for Gene Therapy at The Research Institute at Nationwide Children's, as one of 40 honorees this year, due to her achievements related to commercialization, innovation, mentorship, and professional and community service.

Nationwide Children's Hospital Research Partnership Receives 2017 Distinguished International Engagement Award

Nationwide Children's "NCH-China Pediatric Violence and Injury Prevention and Research International Program" began in 2004 in partnership with collaborators in the U.S. and China, and was selected by The Ohio State University for this year's Distinguished International Engagement Award. The program is led by Henry Xiang, MD, MPH, PhD, director of the Center for Pediatric Trauma Research and principal investigator in the Center for Injury Research and Policy in The Research Institute at Nationwide Children's.



Community Outreach by The Research Institute's Trainee Association

The Research Institute's Trainee Association (RITA) activities are open to all graduate students, postdoctoral scientists and fellows at The Research Institute. Their outreach efforts include hands-on science activities with students in a weekly after-school program and at Science Night, as well as judging research posters and science fair projects.

NIH Grant to Support Biomedical Research at Nationwide Children's Hospital and The Ohio State University

The National Institutes of Health (NIH) recently awarded Aaron J. Trask, PhD, principal investigator in the Center for Cardiovascular Research at The Research Institute, a \$315K Shared Instrumentation grant (S10) to support existing, federally-funded researchers at Nationwide Children's and The Ohio State University in a multitude of basic science and clinical disciplines, including cardiovascular research, tissue engineering, microbial pathogenesis, biomedical engineering, perinatal research and childhood cancer.



DISCOVERYx 2017 on Friday, June 23 from 1-4PM

Join us for our second annual TEDx-inspired event at Nationwide Children's Hospital, as ten presenters share their stories behind discoveries that have made a difference to improve pediatric health. Recordings from last year's inaugural event can be found on [the DISCOVERYx 2016 website](#).

FDA Approves First Treatment for CLN2, a Form of Batten Disease

Every year, approximately 20 children are born in the U.S. with ceroid lipofuscinosis type 2 (CLN2) disease, an ultra-rare, rapidly progressive fatal brain condition. Emily de Los Reyes, MD, attending pediatric neurologist at Nationwide Children's Hospital, is principal investigator for the studies of Brineura™, which the FDA recently approved to slow the loss of ambulation in symptomatic pediatric patients 3 years of age and older with late infantile neuronal CLN2.???



Events Calendar

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

Register for Megan's Mile on Sunday, May 28 at Noon in Grove City

Learn more or register for the 10th and final year of this annual event, a 4 mile run / 1.5 mile walk to honor Megan, a late employee of the Center for Gene Therapy. The cost of the event is \$12 and all proceeds support muscular dystrophy research at Nationwide Children's Hospital. Please email Kristen.Heller@NationwideChildrens.org if you are interested in ordering a shirt for the race.



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 June 5, 2017. The deadline to submit content is Thursday, May 24, 2017.

To view past issues, visit our [website](#).

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