



Research Now | December 2016
nationwidechildrens.org/research-now

Please take this opportunity to learn more about our quality improvement project to lower NEC rates in the NICU, our research on the causes of preterm births, and our biobehavioral study on the impact of stress on health outcomes for survivors of congenital heart disease.

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



Simple, Inexpensive Interventions Reduce Necrotizing Enterocolitis in the NICU

A 26-month initiative has significantly lowered the NEC rate for one of the leading causes of morbidity and mortality in neonatal intensive care units (NICUs). The team was led by Maria M. Talavera, DO, a member of the Section of Neonatology at Nationwide Children's Hospital, and included specialists from Neonatology, Pediatric Surgery and Infectious Diseases, as well as clinical pharmacists, dieticians and quality improvement specialists.

New Study Points to a Possible Cause of Many Preterm Births

One in 10 babies is born preterm – before 37 weeks of pregnancy – and may face long-term health problems as a result. Learning why these births occur is critical to preventing them, and novel research led by Irina Buhimschi, MD, director of the Center for Perinatal Research at The Research Institute at Nationwide Children's Hospital, may have solved part of the mystery.



Understanding Stress Experienced by Survivors of Congenital Heart Disease

A recent study led by Jamie L. Jackson, PhD, principal investigator in the Center for Biobehavioral Health at The Research Institute at Nationwide Children's Hospital, examines how perceptions of disease-related stress uniquely contribute to the health outcomes reported by adolescent and adult survivors of congenital heart disease.

Recent Publications

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



Nationwide Children's Hospital Representation at 2016 SOCRA Annual Conference

A variety of professionals from multiple departments and Clinical Research Services in The Research Institute at Nationwide Children's Hospital presented posters at the 25th national meeting for the Society of Clinical Research Associates (SOCRA).

2016 Excellence in Innovation Awards Reception Patent Plaque Recipients

The Office of Technology Commercialization recognized over 20 physicians and researchers at Nationwide Children's Hospital at the inaugural Excellence in Innovation Awards Reception on November 14.



Irina A. Buhimschi, MD, Receives 2016 USPTO Patents for Humanity Award

Irina A. Buhimschi, director of the Center for Perinatal Research in The Research Institute at Nationwide Children's Hospital, was one of four recipients of this prestigious award from the U.S. Patent & Trademark Office, which recognizes innovators for using game-changing technology to meet global humanitarian challenges.

2016 Research Retreat Award Winners

Congratulations to all of the award winners for the 2016 Research Retreat, which included oral presentations and poster presentations from postdoctoral fellows, clinical fellows, graduate/medical students, research staff and undergraduate/high school students.



Events Calendar

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

NIH Implements Final RPPR and Prior Approval of Applications Greater than \$500K Now in Commons

The National Institutes of Health (NIH) is replacing the final progress report with the Final Research Performance Progress Report (F-RPPR) and now allows principal investigators to electronically submit prior approval requests for grants exceeding \$500,000, direct through eRA Commons. View this announcement for more information.



Clinical Studies

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

New FDA Policy for Drug & Device Development Services at Nationwide Children's Hospital

A Nationwide Children's Hospital policy has been issued to direct researchers and clinicians towards Drug and Device Development Services (DDDS) resources available when interacting with the Food and Drug Administration (FDA). View this announcement for details.



Kelly Kelleher, MD, Director of the Center for Innovation in Pediatric Practice, Featured on Nationwide Children's Hospital Tumblr

Nationwide Children's Hospital Tumblr endeavors to increase visibility and awareness of all roles and experiences among our 10,000-employee staff, all of whom uniquely shape the care we provide for our patient families. Together, we can foster a strong sense of inclusion and pride, because every one of our employees is critical to the hospital's mission.

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 January 4, 2017. The deadline to submit content is Monday, December 19, 2016.

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