



**Research Now | November 2016**  
[nationwidechildrens.org/research-now](http://nationwidechildrens.org/research-now)

Please check out the latest in research and academic programming at Nationwide Children's -- from virtual reality for hemophilia patients and a novel collaboration among pediatric Level 1 trauma centers, to the upcoming Research Retreat on November 17 and our Technology Showcase on December 5.

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

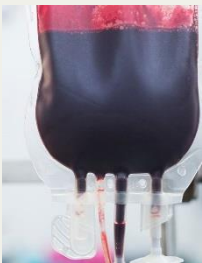


### **Pediatric Clinic Tests Virtual Reality for Hemophilia Patients during Procedures**

The first of its kind virtual reality environment, customized specifically for hemophilia patients, was developed by Nationwide Children's hemophilia team and the team of Jeremy Patterson, lead of User Experience Technology R&D, as well as students from The Ohio State University's Advanced Computing Center for the Arts and Design.

### **Gene Therapy for Sanfilippo Syndrome Shows Promise, Safety and Efficacy**

An interdisciplinary translational research team at Nationwide Children's, including Kevin Flanigan, MD, Haiyan Fu, PhD, and Douglas McCarty, PhD, principal investigators in the Center for Gene Therapy in The Research Institute, have developed effective adeno-associated viral (AAV)-based gene therapy approaches for treatment of Sanfilippo Syndrome.



### **From Military Zones to Pediatric Trauma Centers, Implementing Massive Transfusion Protocols**

While military and adult research has shown massive transfusion protocols to be lifesaving, implementation and validation in pediatrics lags. Julie Leonard, MD, MPH, pediatric emergency medicine subspecialist and associate director of the Center for Pediatric Trauma Research, is senior author of a study examining these protocols in pediatric Level 1 trauma centers, along with a team of physicians from Nationwide Children's, Emory University and St. Louis Children's Hospital.

## Recent Publications

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



### Intramural Funding Process Update

In an effort to streamline the Intramural Application and Reporting process, the Intramural Funding Program application is now available via REDCap. **The next deadline for intramural applications is December 1 by 5PM.** For the latest updates, changes and details, visit the Intramural Funding page on ANCHOR.

## New Center of Research Translation (CORT) at Nationwide Children's Hospital

The Center of Research Translation in Muscular Dystrophy Therapeutic Development, which will be led by Kevin Flanigan, MD, in The Research Institute at Nationwide Children's, is funded by a prestigious award from the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) of the National Institutes of Health.



### 2016 Research Retreat on November 17

Drs. Elaine Mardis and Rick Wilson, co-directors of the new Institute of Genomic Medicine at The Research Institute at Nationwide Children's, will be keynote speakers at this year's Research Retreat at the Ohio Union at The Ohio State University.

## Save the Date: David Newsom Memorial Lecture on December 1

Clyde A. Hutchinson III, PhD, distinguished investigator at the J. Craig Venter Institute in San Diego, CA, will present on "Construction and Analysis of a Minimal Bacterial Genome" from 3-4PM in Discovery Auditorium (WA1020), with a reception to follow in the lobby.



### Events Calendar

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

## 2016 Health Sciences Technology Showcase on December 5

Hosted by Nationwide Children's Hospital and the Office of Technology Commercialization, the 2016 Showcase will be held from 1-4PM in Discovery Auditorium (WA1020) and feature inventors and their solutions to leading issues within the healthcare industry. A networking reception will follow from 4-5PM.



### Clinical Studies

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

## New Financial Reporting Request Form for Research

The Financial Planning Department at The Research Institute now has a REDCap form for clients to fill out if they would like to request a report. To access the form, click on this link or visit the Admin Resources section of the Research ANCHOR page.



### Jennifer Lundine, PhD, CCC-SLP, Research Leader for Speech Pathology and Inpatient Rehabilitation, 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](mailto:ResearchNow@NationwideChildrens.org)

**The next issue will be distributed on December 5, 2016. The deadline to submit content is Friday, November 18, 2016.**

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

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