



E-news: NANN South East Florida Chapter SEFANN

2018 SEFANN Meeting Schedule: January 23 at Nicklaus Children's Hospital; March 27 at Holtz Children's Hospital; May 22 at South Miami; July 24 at Salah Children's Hospital; September 25 at Baptist Children's Hospital; Nov. 27 at Joe DiMaggio Children's Hospital.

SEFANN E-News

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SEFANN Meeting Minutes 5/22/2018

Thank you to South Miami Hospital NICU for hosting the meeting. Thank you to GE for sponsoring the SEFANN May 2018 dinner meeting.
 Thank you to Cathy Lopez, RN for her presentation on: Pulmonary Conditions of the Neonate.
 Meeting minutes from the March meeting reviewed and approved.
Treasury report: TBA. Totals not available yet for Hot Topics.
Community: Derek and Mercedes participated in the March of Dimes walk. Derek is working on some ideas for community service that can be ongoing for SEFANN members.
Programming: Salah Foundation Children's Hospital is next meeting on July 24.
Fundraising: Position open for chair. Please let members know.
Membership: Total is currently 70.
Advocacy : TBA
Research: Position is open due to Melissa moving away, Please let member know of opportunity to participate.
New Business:
 Meeting adjourned.

SEFANN Meeting Minutes 7/24/2018

Thank you to Salah Foundation Children's Hospital NICU for hosting the meeting.
 Thank you to Abbott for sponsoring the SEFANN July 2018 dinner meeting.
 Thank you Dr. Tryzmel, MD for his presentation on NEC.
 Meeting minutes from the May meeting reviewed and approved.
Treasury Report: TBA
Community Report: Fundraising Happy Hour at a popular location. Other org's. have had success with this. Derek will explore idea and locations for possible October event.
Programming: Look into another location for Hot Topics that would not be as \$\$ and still have qualities we need. Nova may be a possibility. Jennifer will look into it. Derek will keep looking while he is traveling the area. September meeting at Baptist.
Fundraising: Still looking for someone to head up committee.
Membership: 72
Advocacy: No report
Research: Mercedes will be research chair. She will still help with membership as needed.
New business: none
 Meeting adjourned.

NANN news: NANN's 2018 conference October 17-20, 2018

promises to deliver impactful presentations, knowledgeable industry experts, and key information to take back to your unit. Our keynote speakers will help you navigate your nursing career using empowerment, look at physical assessment in the digital

SEFANN NEWS: SEFANN meets on Sept. 25 at Baptist Children's Hospital for dinner lecture at 6 PM. Check the website for updates on topic and sponsor. <http://www.sefann.org>

March of Dimes News: A New Blood Test May (Finally) be Able to Predict Premature Birth:

Premature birth is the most serious health threat facing moms and babies. It cuts across ethnic, racial and socio-economic lines and affects 15 million babies and their moms of all ages worldwide every year. If science could tell us which women were going to deliver prematurely, that knowledge would create the opportunity to develop interventions specifically targeted to those women. But no one seems to be able to predict which women will deliver their babies early and which will carry their babies to term. **Until now, that is...** New research funded in part by March of Dimes shows that a simple blood test identifying biomarkers in the mother's blood may be a cost-effective and accurate predictor of which pregnancies will end prematurely. In addition, the same test is proving to be an accurate predictor of gestational age—at least as accurate as an ultrasound, the only such predictor currently available—but at a lower cost.
Team science at its finest : Published in the June 8 issue of the respected journal, Science, this work was led by Stephen Quake, Ph.D., a professor of bioengineering and of applied physics at Stanford and an investigator at the March of Dimes Prematurity Research Center at Stanford University. He shares senior authorship with Mads Melbye, M.D., visiting professor of medicine. Lead authors on the study are Thuy Ngo, Ph.D., a former Stanford postdoctoral scholar and Stanford graduate student Mira Moufarrej. But the actual collaboration that brought about these remarkable results spanned a worldwide group of researchers and scientists.
 "This work is the result of a fantastic collaboration between researchers around the world," said Quake, who is also the Lee Otterson Professor in the Stanford's School of Engineering. "We have worked closely with the team at the Stanford March of Dimes Prematurity Research Center, and the Center at the University of Pennsylvania, as well as scientists in Denmark and Alabama. It's really team science at its finest."

The test Professor Quake and his team devised is the result of years of work from different quarters of the scientific community studying gestational age and represents one of the first real scientific breakthroughs in our ability to predict premature birth. By assessing maternal blood levels of cell-free RNA—the messenger molecules that carry the body's genetic instruction to its protein-making factories—and measuring the activity of maternal, placental and fetal genes in the samples, the team was able to identify which genes gave reliable signals about gestational age and prematurity risk. The next step is to validate these results in much larger studies.
 Predicting birth without disrupting it Quake Lab, Stanford University.
 David K. Stevenson, M.D., principal investigator of the March of Dimes Prematurity Research Center—Stanford University, likened the blood test approach to "eavesdropping on a conversation" between the mother, the fetus and the placenta, without disturbing the pregnancy. "With further study," he added, "we might be able to identify specific genes and gene pathways that could reveal some of the underlying causes of premature birth and suggest potential targets for interventions to prevent it." This cutting-edge research is but one example of the many successes March of Dimes is investing in to help improve the health of moms and babies around the world. Through the work of our more than 200 researchers, scientists, doctors and clinicians, and with your help, we're fighting every day to end prematurity and give every baby the best possible start.

NANN continued: age and focus your passion to lead to success.

Register at: <http://www.nann.org>