

Agenda

MONDAY, MAY 18, 2026



5th Annual Nemours Children's Health Research Week | Delaware Valley

The 5th Annual Nemours Children's Health Research Week is an enterprise-wide event. We encourage you to join us in person in the 3rd Floor Lecture Hall at Nemours Children's Hospital, Delaware!

WELCOME

- 8:00 a.m. Breakfast and Registration**
- 8:30 a.m. Enterprise Welcome Message**
Matthew Davis
- 8:40 a.m. Local Welcome and Delaware Proclamation for Nemours**
Laura Kowal

KEYNOTE

- 9:00 a.m. Collaborative Science to Advance Care for the Whole Child**
Brigitte Widemann

PANEL DISCUSSION

Moderator: Taylor Sundby

- 10:00 a.m. A Multidisciplinary Approach to Improving Care for Children with Cancer**
Dyane Bunnell, Kim Canter, Stephanie Guarino, Doug Harrison, Mary Newman and Brigitte Widemann
- 11:00 a.m. Break**

ORAL ABSTRACTS

Moderator: Eric Hall

- 11:15 a.m. Adherence promotion interventions in sickle cell care: Findings from a crowdsourcing study with healthcare providers**
Aimee Hildenbrand
- 11:30 a.m. Sudden Cardiac Arrest Preparedness in Delaware Public Schools Does Not Differ by Neighborhood Socioeconomic Status**
Sean Connolly
- 11:45 a.m. Functional Cardiac Output as Ventilation Approximate of Trend in Change in Cardiac Output in Pig Endotoxemia Model**
Jigar Chauhan
- 12:00 p.m. Faster Opioid Treatment for Pediatric Sickle Cell Pain in Pediatric Emergency Departments: A Real-World Analysis**
Ibrahim Gwarzo

- 12:15 p.m. Clinical Validation of Functional Cardiac Output in Children**
Jigar Chauhan

- 12:30 p.m. Evaluation of the Cerebral Palsy Profile of Health and Function (CP-PRO) Short Forms**
Max Downey

POSTER SESSION

- 12:45 p.m. Poster Session**
First Floor Atrium

Lunch provided in the Red Carpet Room (adjacent to the Lecture Hall)

BREAKOUT SESSIONS

- 1:30 p.m. Beyond Silos: Understanding Your Impact Across the Clinical Research Lifecycle**
Classroom 3
Dawn Pittinger

Leveraging LinkedIn Social Media for Nemours Research
Classroom 4
Amy Romagnoli

Best Practices for Reviewing Grants: Strategies for Providing Rigorous, Unbiased, and Constructive Scientific Reviews
3rd Floor Lecture Hall
Julia Price, Aimee Hildenbrand, Kim Canter, Amanda Hernan, Anne Kazak

PATIENT STORY

- 2:30 p.m. Department of Orthopedic Surgery: Research Overview and Highlights**
Jeanne Franzone, Alice Taylor, Maelyn Arcodia, Nancy Lennon, Chris Church
- 3:30 p.m. Break**
- 3:45 p.m. Closing Reflections, Day 1 Highlight Video and Raffle**
David Brousseau
- 4:30 p.m. Adjourn**



For more details, register at CE.Nemours.org or scan the QR code.



Agenda

TUESDAY, MAY 19, 2026



5th Annual Nemours Children's Health Research Week | Delaware Valley

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WELCOME

- 8:00 a.m. Breakfast and Registration**
- 8:30 a.m. Local Welcome**
David Brousseau
- 8:45 a.m. Prenatal Diagnosis and Fetal Intervention: The Research Behind the Clinical Practice**
Julie Moldenhauer, Eric Bergh, and Nina Paidas Teefey
- 9:45 a.m. Jefferson Academic Partnerships**
Judith Ross
- 10:00 a.m. Current Research at Nemours**
Moderator: Judith Ross
Erica Sood, Elizabeth Wright-Jin, David Blauvelt, Scott Weiss
- 11:00 a.m. Break**

KEYNOTE

- 11:15 a.m. The Role of Early Life Adversity on Children's Mental Health**
Erin Dunn
- 12:00 p.m. Break**

PANEL DISCUSSION AND LUNCH

Moderator: Rob Akins, PhD

- 12:15 p.m. Panel: The Role of Early Life Adversity on Children's Mental Health**
Erin Dunn, Eric Bergh, Diana Corao, Stephanie Manasse, Elizabeth Wright-Jin
- Lunch provided in the Red Carpet Room**

BREAKOUT SESSIONS

- 1:15 p.m. Bring Your Hypothesis and Navigate the Epic Cosmos with BRIC**
3rd Floor Lecture Hall
Eric Hall, Abigail Storm, Vanessa Thompson, Harish Dega
- Leveraging AI at Nemours**
Classroom 3
Rishi Muchhala
- Clinical Research Financial Success: Know Your Budget**
Classroom 4
Judith Ross, Kim Deyling, Kim Myers-McCombs, Shawkita Wilder, Jasmine Boyce, Kim Klipner

POSTER SESSION

- 2:15 p.m. Poster Session**
First Floor Atrium

IDEA CHALLENGE

- 3:15 p.m. Idea Challenge: Innovation in Research**
Research Tech Transfer Office
- 4:00 p.m. Closing Reflections, Day 2 Highlight Video and Raffle**
David Brousseau
- 4:30 p.m. Adjourn**



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Agenda

WEDNESDAY, MAY 20, 2026



5th Annual Nemours Children's Health Research Week | Delaware Valley

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WELCOME

7:30 a.m. Breakfast and Registration

PEDIATRIC GRAND ROUNDS

8:00 a.m. **Increasing Vaccination Rates Through Digital Technologies**
Melissa Stockwell
Virtual via Microsoft Teams

PANEL DISCUSSION

Moderator: Rodney Scott

9:00 a.m. **The Future of Pediatric Research in Neuroscience**
Mohamed Khalife, Sigrid Langhans,
Amanda Hernan

ORAL ABSTRACTS

Moderator: Melissa Alderfer

10:00 a.m. **Automated Tungsten Microwire Electrode Tip Modification for Chronic Neural Recording Applications**
Christian Endres

10:15 a.m. **Daily Relationships Between Sleep Disturbance and Binge Eating and Moderating Effects of Day of the Week: An Ecological Momentary Assessment Study of Adolescent Girls with Binge-Spectrum Eating Disorders**
Stephanie Manassee

10:30 a.m. **The Effects of Peer Mentorship on Psychosocial Outcomes Among Adolescents with Type 1 Diabetes: Interim Results from a Pilot Randomized Controlled Trial**
Paul Enlow

10:45 a.m. **Computational Fluid Dynamics Optimization of a Microfluidic Oxygenator Blood Flow Path**
Sean Hughes

11:00 a.m. **Differences in Bone Mineral Density Response to Bisphosphonate Treatment by Stage in Puberty in Children with Cerebral Palsy**
Laura Owens

11:15 a.m. **Genotype-Guided Antidepressant Prescribing for Depression: A Randomized Clinical Trial**
Benjamin Duong

LUNCH AND MENTORING SESSION

11:30 p.m. **Show Me the Money: The Path from Idea to Funded Project**
Moderator: Rob Akins

Lunch provided in the Red Carpet Room

FELLOW AND RESIDENTS: RAPID FIRE TALKS

Moderator: David Blauvelt

12:30 p.m. Rapid Fire Talks

POSTER SESSION AND AWARDS

2:00 p.m. **Poster Session**
First Floor Atrium

3:15 p.m. **Award Ceremony**
Moderator: Elizabeth Wright-Jin

3:30 p.m. **Enterprise Closing Reflections**
Matthew Davis
Virtual via Microsoft Teams

4:00 p.m. **Closing Reflections, Day 3 Highlight Video and Raffle**
David Brousseau

4:15 p.m. Adjourn



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