

# SECTION ON NEONATAL-PERINATAL MEDICINE

## NEWSLETTER - Winter 2021



American Academy  
of Pediatrics



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Section on Neonatal-Perinatal Medicine

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### Neonatal Resuscitation Program 8th Edition Launches in June 2021

The Neonatal Resuscitation Program (NRP) Steering Committee has announced that the NRP 8th edition will launch on June 1, 2021. Hospitals may implement the NRP 8th edition materials at that time or continue with NRP 7th edition, but 8th edition materials must be in use by January 1, 2022. Almost 500 participants attended the NRP Current Issues Seminar at a live session at NCE, where the new NRP 8th edition was announced.

#### The Science

The International Liaison Committee on Resuscitation (ILCOR), composed of seven councils from around the world, evaluates resuscitation science for adults, children, and newborns. The Neonatal Life Support (NLS) Task Force of ILCOR, made up of neonatologists and other resuscitation experts including several members of the NRP Steering Committee, reviews the scientific literature as PICOST (Population, Intervention, Comparison, Outcome, Study Designs, Time Frame) questions using the Grading of Recommendations Assessment, Development, and Evaluations (GRADE) system. From these evaluations, ILCOR develops a Consensus on Science with Treatment Recommendations (CoSTR) document. After a public comment period and editing, the NLS Task Force publishes the results. The current review and treatment recommendations were published in *Circulation* in October 2020 <sup>(1)</sup>.

#### The Guidelines

The ILCOR resuscitation councils around the world use these consensus guidelines to develop guidelines appropriate for their systems of care and available resources. The AHA Neonatal Writing Group wrote the 2020 AHA Guidelines for Cardiovascular Care and Emergency Cardiac Care: Part 5: Neonatal Resuscitation. These guidelines for the United States and Canada were released on October 21, 2020 and

### Perinatal News “At a Glance”

Mary Nock, MD, FAAP, Editor  
Vivian Thorne, Production

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## Neonatal Resuscitation Program 8th Edition Launches in June 2021

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co-published in the November editions of *Pediatrics* and *Circulation* (2).

### The NRP 8th Edition Curriculum

The NRP Steering Committee used these guidelines to create the NRP 8th edition education materials. The CoSTR documents and the AHA guidelines for neonatal resuscitation yielded no major changes in practice. However, scientific research over the past five years has resulted in new and higher grades of evidence to support previous recommendations. In addition, several practices have been revised in the interest of patient safety and educational efficacy (Table 1).

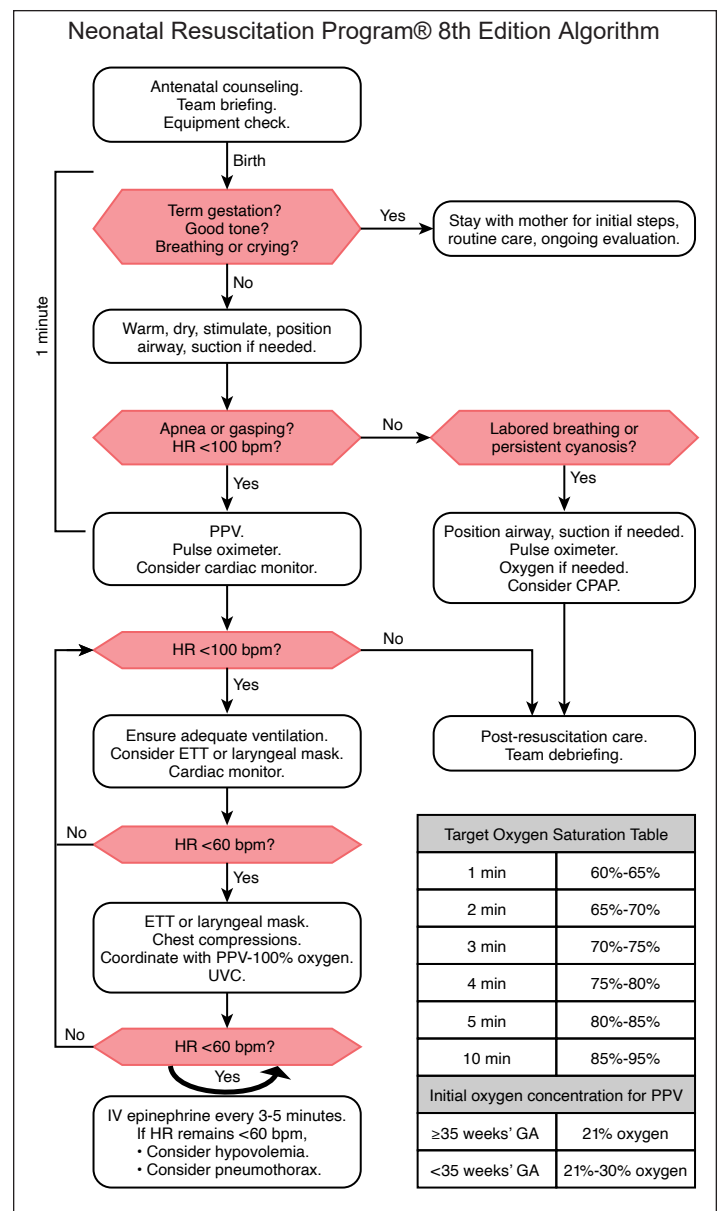
Table 1. Overview of Significant NRP 8th Edition Practice Changes

Change	NRP 7th Edition	NRP 8th Edition
Umbilical cord management plan added to 4 pre-birth questions, replacing "How many babies?"	The 4 pre-birth questions: 1. Gestational age? 2. Amniotic fluid clear? 3. How many babies? 4. Additional risk factors?	The 4 pre-birth questions: 1. Gestational age? 2. Amniotic fluid clear? 3. Additional risk factors? 4. Umbilical cord management plan?
Initial steps reordered to better reflect common practice.	Initial steps: Warm and maintain normal temperature, position airway, clear secretions if needed, dry, stimulate.	Initial steps: Warm, dry, stimulate, position airway, suction if needed.
An electronic cardiac monitor is recommended earlier in the algorithm.	An electronic cardiac monitor is the preferred method for assessing heart rate during cardiac compressions.	When an alternative airway becomes necessary, a cardiac monitor is recommended for the most accurate assessment of the baby's heart rate.
Epinephrine intravenous/intraosseous (IV/IO) flush volume increased.	Flush IV/IO epinephrine with 0.5 to 1 mL normal saline.	Flush IV/IO epinephrine with 3 mL normal saline (applies to all weights and gestational ages).
Epinephrine IV/IO and endotracheal doses have been simplified for educational efficiency. The dosage range is unchanged. The simplified doses (IV/IO and ET) do not represent an endorsement of any particular dose within the recommended dosing range. Additional research is needed.	Range for IV or IO dose = 0.01 - 0.03 mg/kg (equal to 0.1 - 0.3 mL/kg)  Range for endotracheal dose = 0.05 - 0.1 mg/kg (equal to 0.5 - 1 mL/kg)	The suggested initial IV or IO dose = 0.02 mg/kg (equal to 0.2 mL/kg)  The suggested endotracheal dose (while establishing vascular access) = 0.1 mg/kg (equal to 1 mL/kg)
Expanded timeframe for cessation of resuscitative efforts	If there is a confirmed absence of heart rate after 10 minutes of resuscitation, it is reasonable to stop resuscitative efforts; however, the decision to continue or discontinue should be individualized.	If confirmed absence of HR after all appropriate steps performed, consider cessation of resuscitation efforts around 20 minutes after birth (decision individualized on patient and contextual factors).

IV = intravenous IO = intraosseous ET = endotracheal HR = heart rate

The NRP 8th edition algorithm incorporates only minor changes from the NRP 7th edition algorithm (see Figure). The algorithm shown here will appear in the *Textbook of Neonatal Resuscitation, 8th edition* and the accompanying educational materials. It differs from the algorithm in the AHA guidelines for neonatal resuscitation document in style and word choice for educational efficiency, but it does not conflict with the published science.

In addition to updated familiar content, the 8th edition textbook will feature Supplemental Lessons that will include information about ethics, choreography of codes, resuscitation outside of the delivery room, and quality



improvement practices related to resuscitation. These new chapters will not be subjects of test questions, but will provide useful practice recommendations.

Two Provider tracks will be offered by the NRP 8th edition curriculum: NRP Essentials (includes skills through facemask ventilation and laryngeal mask insertion) and NRP Advanced (all resuscitation skills for term and preterm newborns). Each facility will determine who should take NRP Essentials or NRP Advanced.

### A New Collaboration

The AAP and RQI Partners, LLC announced their collaboration at NCE on October 6, 2020. RQI® for NRP will also launch in June 2021 as a self-directed, simulation-based, mastery learning and quality improvement resuscitation program designed to use low-dose, high-frequency quarterly learning and skills sessions. A webinar on February 18, 2021 will provide comprehensive

information about RQI for NRP and the NRP 8th edition curriculum.

### NRP 8th Edition Resources

- RQI for NRP: register to receive upcoming information here: <https://rqipartners.com/nrp/>
- Available on-line:
  - AHA Neonatal Guidelines
  - ILCOR Consensus on Science with Treatment Recommendations
  - ILCOR Neonatal Task Force members Myra Wyckoff and Jonathan Wyllie discuss the recent evidence evaluation process

### References

1. Wyckoff MH, Weiner GM, et al. Neonatal Life Support 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. *Pediatrics*. 2020; doi: 10.1542/peds.2020-038505C
2. Aziz K, Lee HC, Escobedo MB, et al. Part 5: Neonatal Resuscitation 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Pediatrics*. 2020; doi: 10.1542/peds.2020-038505E

## View from the Chair – Strong Tributaries Flow Together

Lily J Lou MD, FAAP

What a remarkable year! We remain in the throes of a historic pandemic, we've missed a full calendar of holiday feasts and hugs and we have just come through one of the most contested presidential elections in history. We've had unexpected gains: Our grandparents have learned to Zoom, a vaccine is on an impressive trajectory and dolphins are swimming in the clean water of Venice canals. Our country is deeply polarized. Who ever thought the single question of wearing a mask would become a shibboleth for political rivals on both sides of the divide - for diametrically different reasons? Although the antagonistic muscles of diverse views and the balance of power between our three branches of government are set up to yield fresh ideas and direct our energy to mutually beneficial directions, I think we are all ready for a coming together of our country.

Despite the recent turmoil, our Section has been unprecedentedly productive. We have seen the birth and development of robust special interest groups (SIGs). However, our efforts have become fragmented. The progress of each our subgroups is a point of great pride, but - like the country as a whole - we will thrive best if we row together, coordinated as a section. Let's take some time to reflect on each of our special interest groups:

**TECaN** (Trainees and Early Career Neonatologists) was started in 2008. This group includes fellows and

neonatologists within 7 years of completion of fellowship and focuses on advocacy, career development, education, global health, leadership, quality improvement (QI) and research. Their "Navigating NAS" campaign was engaging and widely lauded. The current Chair is Ashley Lucke and mentors are Heather Burris and Dmitry Duchovny. TECaN members continue to rise to leadership roles where they consistently shine and hone their skills as the neonatology leaders of tomorrow. Watch for their excellent podcasts on career development. TECaN serves as an award-winning model for similar SIG development in other sections.

**MidCaN** was formed 4 years ago to attend to the interests and needs of neonatologists at the peak of their professional trajectories, between 7-17 years from fellowship training. The current Co-Chairs are Alexis Davis and Dena Hubbard. MidCaN has focused on wellness, negotiation, education skills, mentorship, advocacy, promotion and QI. They recently produced an outstanding series of webinars on leadership with Ms. Laurie Baedke which can be accessed from their web page.

**WiN** has a wonderful acronym and addresses the needs and interests of women neonatologists, who will soon comprise 75% of incoming fellowship cohorts. This group promotes networking of female neonatologists, recognizes inspiring women colleagues and recently hosted a stellar two-part webinar series with Dr. Bonnie Koo on finances for women neonatologists, and a leadership webinar featuring Dr. Catherine DeAngelis (the first woman editor of *JAMA*). These can still be accessed through their web page. An article by Marilyn Escobedo in this newsletter issue recaps what WiN has accomplished in a few short years.

Rounding out our career stage interest groups, the Well-Established Career Neonatologists (**WECaN**), led by Stephen Pearlman, provides a forum for the challenges and new opportunities of neonatologists as careers mature. WECaN includes neonatologists beyond 17 years from training and has focuses on career alternatives, mentor development and leadership. They have hosted interesting conference sessions and their web page highlights resources helpful in addressing issues related to retirement, quality, and assessing competence as we age.

We have had 12-14 neonatologists attend the AAP Legislative Conference for the past several years. The **Advocacy Committee**, led by myself and Shetal Shah, is taking shape and focuses on legislative actions, as well as internal advocacy issues - like the ALF resolution process. SONPM has submitted a dozen resolutions over the past 3 years; all have passed, with 2 making it into the Top Ten. If you are interested in honing your advocacy voice, consider attending LegCon (it will be virtual on April 11-13, 2021) and watch for announcements of SONPM scholarship opportunities. Keep an eye out for legislative alerts - with templates and talking points about the MOMS Act - in the



## Getting to Know... Mike Posencheg, District III Representative

**Medical School and Training** I attended Brown University School of Medicine from 1995-1999 then did my pediatrics residency at Mount Sinai Medical Center in New York. I completed my fellowship in Neonatal-Perinatal Medicine at Children's Hospital of Philadelphia in 2005.

**Current Position** Currently, I am an attending neonatologist at Children's Hospital of Philadelphia and Professor of Clinical Pediatrics at the Perelman School of Medicine at the University of Pennsylvania. I also serve as Chief Medical Officer and Associate Executive Director at Penn Presbyterian Medical Center.

**Family and Pets** My wife, Christina, and I have been married for 25 years. We have three children – Hannah and Hayden are twin 22 year-old women and Dylan is our 17 year-old son. We have had Mac for 5 years, he is our Yorkie-Bishon (a “Yorkishon” apparently!).

**What Would People Be Surprised to Learn About You?** I graduated from college and went into business consulting. I was there for four years and one of our clients was a health insurer. Despite my love for science and math, I did not think medicine was for me. After my experience with that client, I decided to enroll in a post-bacc program and go to med school. The rest is history!



**Favorite Vacation of All Time** Our daughters studied in Italy last year (right before the pandemic) and we visited them for 10 days, eating and sightseeing our way through many cities. I absolutely loved my five-mile run through Florence at dawn!

**Best Gift You Ever Received** I actually much prefer to give gifts than to receive them. I like to show my appreciation and love the look on someone's face when they appreciate the effort.

**If You Were Not a Neonatologist, You Would Be...** I guess the easy answer is a consultant given my initial career choice. I always wanted to be good enough to be a golf professional. Unfortunately, my short game was never good enough!

**Best Advice For Early Career Neonatologists** Keep your options open! Experience many things in your area of interest – whether it be clinical, administrative, or research. You never know what opportunities will present themselves or where your true interest and strengths lie.

**Hobbies or Interests** I love to exercise – running, biking, CrossFit. I enjoy golf with my son. I am trying to learn the guitar, but am a frustrated musician!

**What Books Are You Reading Right Now?** Right now, a Lee Childs book. I love the Jack Reacher character. I tend to alternate between fiction and non-fiction. I have Barack Obama's autobiography on my nightstand; it is next on the list!

**Most Important Thing You Have Learned in Your Career** You never know what the future will bring. My career direction has changed a few times (big shifts, like between business and medicine, as well as little shifts within a field, like between a clinical research career, unit administration, QI and hospital administration).

**Best or Favorite Childhood Memory** Visiting my grandparents when they lived in St. Croix!

**The Best Thing About Where You Live** Great places to exercise and awesome food/culture.

**I Have Recently Been Inspired By...** My daughters, who have been negotiating being college seniors who play lacrosse and having to come to grips with the fact that their college experience is not ending as they thought it would. Their attitude has been fantastic.

**Favorite Movie** Anything with action/drama. Although, if I had to name one, it would be *Top Gun*!

**Favorite Way to Relax after a Hard Day** That depends on how hard of a day! Either a conversation with my wife, an IPA, or a great run! One of those usually does the trick!

**Who Would You Like to Swap Lives With For a Day?** I would love to see what it would be like to be a professional baseball player. I am a Yankees fan and would love to go back to one of the many great plays Derek Jeter made and experience what it was like to have pulled one of those off!

## View from the Chair

*Continued from Page 3*

near future, along with tips on how to be an effective advocate in the presidential transition.

The **Quality Metrics Task Force**, conceived by David Burchfield, began so that neonatologists would set how our own performance is measured, rather than *US News and World Reports*. Several years of work culminated in about 80 neonatologists gathering in a Quality Metrics Summit hosted at AAP headquarters in September of 2019. Thanks to John Zupancic, Munish Gupta, Heather Kaplan, Michael Prendergast, Mark Hudak, and many others for making this such a valuable meeting of the minds. Look for a white paper to come from this work to guide how we calibrate our clinical care in the near future.

Ron Ariagno has focused the Section's attention on the importance of **Neonatal Therapeutics** to assure that the safety and effectiveness of treatments and devices used in our NICUs receive the attention that our patients deserve. This group has explored how to facilitate participation in clinical trials networks, liaison relationships with the FDA and other regulatory organizations and we are now in the process of transitioning from an exploratory task force to a systematized strategy for including neonates in sound therapeutic investigation.

Many of our members hold leadership roles - as NICU medical directors, practice managers, quality directors, transport directors or fellowship directors. They share the need for skills in management of people, budgets, data, QI and leading teams through the process of change. The **Clinical Leaders** working group brings these colleagues together to learn collaboratively. Following an initial virtual conference, a series of webinars was launched in 2020. The first covered quality dashboards; subsequent sessions will address advance communication skills and change management.

**Global Health** in the perinatal period is of interest to neonatologists in many phases of their careers. All of us have trained in NRP and many of us are familiar with Helping Babies Breathe and the HBS suite. A new project will partner with local stakeholders through an ECHO platform. Carl Bose has long been a leader in these efforts, along with other experienced neonatologists and rising stars like Danielle Ehret and Sharla Rent. We partner with organizations like VON to improve care and outcomes for babies around the world.

A new area of interest is **NICU Follow-up**. We have just launched a working group to explore strategies to assure that appropriate guidance sets the standard for the care received by graduates of our NICUs. We look forward to the recommendations of this group, led by Ricki Goldstein.

We have standing committees for **Research, Fellow Education, ONTPD, Member Education, Website, Media**

**and Communications**, as well as liaison relationships with partner organizations. We continue to devote resources and energy to our regular conferences and recognition events. All of these will benefit from the engagement and cross-talk of all of our members.

In this message, I celebrate the strength of neonatologists joining together with other like-minded Section members to make impressive progress. However, similar and overlapping passions - advocacy, leadership, QI, career development, wellness, global health, equity and disparities - are interesting to many of our SIGs. In 2021, you will see us work to coordinate and unify the work of all of our groups through the website and other centralized Section channels so that we foster synergy, avoid duplicated effort and make it easier for members to find what they're seeking. We also want to realize economies of scale that can be shared across the Section—such as the new Section Zoom accounts provided to several SIGs to support their webinars and virtual meetings. Like the many braided rivulets on a glacial outwash plain coalescing into a river, when we join together we will be a force to be reckoned with.

## TECaN Update

### Ashley Lucke MD, FAAP

Despite an international pandemic, TECaN (Trainees and Early Career Neonatologists) tried to make the most of 2020 with more virtual content and remote mentorship opportunities for members. Our 2020 spring Newsletter article listed eight TECaN Resolutions, which I report on below, along with some new 2021 goals.

1. **TECaN Website:** Our TECaN website continues to be updated every two months with new content like our career spotlights, TECaN introductory video and recorded zoom sessions.
  - a. **2021:** Build and share the AAP members-only TECaN Collaboration site! Log in at the bottom left of the main SONPM site then click "About the Section."
2. **Travel grants** to Workshop on Perinatal Practice Strategies and the National Conference and Exhibition were derailed by COVID.
  - a. **2021:** Once travel is safe again, TECaN promises to offer travel grants for our most popular conferences!
3. **TECaN podcast launch:** Find sneak peek episodes on the Cross Section podcast (hosted by Dr. John Zupancic)
  - a. **2021:** TECaN will be officially joining Cross Section podcast this year! More frequent episodes and TECaN-specific issues will be covered.
4. **Quality Improvement Road Map** completed! You can find this great resource to kick-start a career in QI on our TECaN website in the QI section. Also, find

**TECAN Update***Continued from Page 5*

roadmaps for clinical research, basic science research and global health.

- a. **2021:** Health Services and Early Career Roadmaps already in progress
5. **Graduating Fellows Job Offer Data:** TECaN successfully surveyed the last five years of fellowship graduates on their first job stats.
  - a. **2021:** Data is being analyzed and will be released in 2021. We plan to continue annually surveying graduating classes to continue offering members current workforce information.
6. **Pass boards:** Hooray for one good thing to come in 2020 for many early career neonatologists!
  - a. **2021:** Studying for the 2022 board exam? The TECaN Education Committee has already identified four fantastic group leaders for the next virtual study group! More info to come in TECaN Newsflashes.
7. **Medical Student and Resident Leadership Membership:** TECaN hosted a well-received Section on Pediatric Trainees virtual breakout session at the NCE. There was significant interest, so TECaN is officially expanding the pipeline to include medical students and residents!
  - a. **2021:** Virtual panels for medical students and residents interested in neonatology are coming this summer in partnership with ONTPD!
8. **Plan the next TECaN Advocacy Campaign:** Dr. Ali Slone (Kentucky), Dr. Katie Hoge (Texas) and Dr. An Blake (Texas) were elected as our advocacy leaders and charged with planning the next campaign.
  - a. **2021:** The 2021-2022 national advocacy campaign focused on the mental health and well-being of our NICU families will launch at NCE 2021! Email [tecan@aap.org](mailto:tecan@aap.org) to join a working group now, it's never too late!

More great things to keep an eye out for in 2021: A second cohort of TECaN Summer School, the growth and work of our Equity and Anti-Racism Group, monthly membership experience videos, virtual Journal Clubs, monthly career spotlights and so much more! Be sure you're receiving the TECaN newsflash and check out our website frequently for updates!

**ONTPD Update****Heather French MD, MEd, FAAP**

While COVID-19 continues to hinder our abilities to gather in person, this crisis has served to fuel innovation in education and connectivity. Albeit virtual and condensed, the fall ONTPD meeting was a wonderful opportunity to connect with colleagues and hear updates from the ACGME (Caroline Fischer, Susie Buchter), ABP (Suzanne Woods), and Council on Pediatric Subspecialties (Renate

Savich) and discuss best-practice approaches to fellow recruitment and virtual education. Dr. Renate Savich provided an informative yet sobering talk about the future of the neonatology workforce. One-third of the current neonatology workforce is over the age of 60 and there are not enough fellow applicants into neonatology to replace our retiring colleagues! Conversations and action plans to recruit into and increase the neonatology pipeline are essential and ongoing. Dr. Angela Ellison, the Associate Chair of Diversity and Equity at The Children's Hospital of Philadelphia, spoke about "Diversity and Inclusion in Pediatrics and Neonatology." Dr. Ellison's take-home message is to focus efforts on retention and recruitment of faculty and fellows under-represented in medicine and that individual divisions need to think about both a short and a long-term plan to do this.

The ONTPD Boot Camp, directed by Melissa Carbajal, Liz Bonachea, and Melissa Bauserman, continues to draw a crowd. This workshop provides educational and programmatic basics of running a fellowship program in a collegial and entertaining forum.

Fellowship training programs have just completed their first virtual recruitment season. Overall, the informal feedback has been reassuring that fellowship programs were able to effectively convey programmatic information, provide a glimpse into institutional culture, and have meaningful conversations with applicants. Increasing comfort with videoconferencing, flexible scheduling of interviews, and decreased costs for programs and applicants have the ONTPD community wondering if in-person recruitment will ever return to its former model. Fellowship programs located in smaller cities report that in-person visits are incredibly helpful for recruitment, suggesting that hybrid models, comprised of both virtual and in-person activities, may be preferred. It will be important to ascertain a broad understanding of strengths and challenges of virtual recruitment from both fellowship programs and applicants moving forward.

Many ONTPD members are reporting a five to ten percent increase in fellowship program applications. The overall applicant numbers are not yet available from the National Resident Matching Program but it does appear as though individual applicants are applying to more programs given the ease of virtual interviewing. Match Day is rapidly approaching. Best of luck to all programs!

The "ONTPD Online with Experts" lecture series continues to hold twice monthly seminars led by national experts on clinical and physiologic topics relevant to fellowship education. These seminars occur the first and third Wednesday of the month at 12pm pacific/3pm eastern. Recordings of these seminars are archived on [MedEdOnTheGo.com](http://MedEdOnTheGo.com). ONTPD Virtual Cafes are now occurring quarterly and provide NPM fellowship PDs/APDs an opportunity to meet informally to discuss current issues



impacting fellowship training. Activity on the ONTPD group chat through GroupMe continues to provide the community with real-time crowd sourcing and support.

We will hold our annual ONTPD spring meeting during virtual PAS. Date and time are TBD. As in years past, we will focus this meeting on scholarship aspects and needs of fellowship training.

Our ONPTD sub-committees remain active and continue to work on initiatives to support our NPM PD/APD community. We encourage your feedback and participation in the ONTPD through communication with the council, attendance at meetings, and involvement with committees.

### **National Neonatology Curriculum Committee (NNCC) (Chair Heather French)**

We are very excited to announce the publication of all of the completed simulation cases to the ONTPD website: <https://services.aap.org/en/community/aap-sections/sonpm/ontpd/educational-resources/>. The cases are located under the section entitled “Facilitator Guides” on ONTPD’s education page. This project has been a success due to tremendous effort on the part of >80 educators (including Editor Lindsay Johnston and Associate Editors Rita Dadiz, Kristen Glass, Christie Bruno, and Carol Lynn O’Dea) who participated in authoring, reviewing, and piloting 57 simulation cases. Where appropriate, simulation cases are linked with physiology topics to provide additional opportunities to reinforce physiologic concepts. Additionally, an online neonatology-focused ECMO course, led by Lindsay Johnston, continues to be developed by national experts, with some of the initial programs recently published. This course includes flipped classroom guides to work through ECMO scenarios and emergencies. MedEdOnTheGo.com is continuing to support this work by providing a free, online platform to house videos and supporting educational materials for learners. Supporting educational materials for facilitators have been moved to the ONTPD website.

### **Annual PD Survey (Chair Lindsay Johnston)**

Given the very positive response by our community, ONTPD continues to conduct an annual survey of all NPM PDs each spring. The 2020 survey focused on assessment, procedural training, PD scholarship and wellness. Data was shared with the ONTPD community during the AAP meeting. Access to this information allows programs to benchmark performance, advocate for additional funding/resources, and share best practices.

### **Standard Forms Committee (Chair Heidi Karpen)**

Standard forms that are useful for fellowship PDs are uploaded to the ONTPD website. We will continue to update this resource for PDs.

### **Fellowship Director Mentorship Committee (Chair Melissa Carbajal)**

We continue to facilitate pairing mentor/mentee relationships among APDs and PDs. For programs with recent changes in leadership, please reach out to us so we can support you and help you connect with our community! For current PDs and APDs, it’s never too late to sign-up. If you are interested in serving as a mentor or would like to be paired with a mentor, please email Melissa Carbajal ([mmcarbaj@bcm.edu](mailto:mmcarbaj@bcm.edu)).

### **Website Committee (Chair Patrick Myers)**

The ONTPD Website Committee continues to work on building a repository for neonatology fellowship information and job listings. The website also hosts educator guides for the NNCC and recordings of the TECaN and ONTPD Job Search Series. In addition, the Committee organizes a GroupMe chat for PDs and APDs. The ONTPD website can be found at [aap.org/ONTPD](http://aap.org/ONTPD). If you have job listings or would like to join the GroupMe chat, please contact Patrick at [pmyers@luriechildrens.org](mailto:pmyers@luriechildrens.org).

### **Important Dates to Remember:**

- ONTPD Scholarship Meeting during Virtual PAS 2021 (April 28 to May 5) – Meeting time TBD
- Annual ONTPD Bootcamp and Reception at the AAP NCE in Philadelphia – October 7, 2021
- Fall ONTPD Annual Meeting at the AAP NCE in Philadelphia – October 8, 2021

## **MidCaN Update**

### **Dena K Hubbard MD, FAAP**

As we look forward to 2021, the COVID vaccine, and reuniting for future in-person conferences, we take a moment to reflect back on MidCaN activities in the second half of 2020. Thanks to Mark Hudak for his leadership and support of MidCaN during his time as SONPM Chair. Welcome to our new SONPM Chair Lily Lou!

### **What’s New?**

Thanks to the leadership of Eric Horowitz, we launched the MidCaN monthly Newsflash in July. If you are on the MidCaN listserv, this quick and convenient way to keep up with MidCaN news and events should have been delivered to your inbox. We are focusing on updates from current committees, advertising upcoming events, sharing opportunities for involvement in SONPM and AAP, linking to resources on the MidCaN website, and celebrating promotions of your MidCaN colleagues. Please submit “Shout Outs” or ideas for the Newsflash to Eric Horowitz at [ehorowitz@aap.net](mailto:ehorowitz@aap.net) or Kurlen Payton at [kurlen.payton@cshs.org](mailto:kurlen.payton@cshs.org). If you are not on the MidCaN listserv, please email [MidCaN@aap.org](mailto:MidCaN@aap.org) or any of the MidCaN leaders.

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Ramesh Krishnan developed the Wellness Newsletter, sharing inspiration and hope. Just what the doctor ordered for 2020! This resource includes practical solutions for self-care, quotes, recipes, book recommendations, and more. Check it out! Previous issues dating back to August are available on the MidCaN Wellness page. Submit your ideas for resources on health and wellness to Wellness Committee Co-Chairs: Ramesh Krishnan (rkrishn4@uthsc.edu) and Fola Kehinde (folasade.kehinde@drexelmed.edu).

**Leadership**

MidCaN activities this year have continued to focus on leadership development. Committee leaders include Alexis Davis, Heather Kaplan, and Liz Rogers. In September, we kicked off a six-month MidCaN Leadership Webinar Series led by Laurie Baedke, a leadership expert in the health care sector who heads Creighton University's Healthcare Leadership Program. Spring into 2021 with the next three MidCaN leadership development sessions! Dates will be announced soon. The first three leadership sessions are available on the MidCaN Collaboration Site for a short time:

- Leading Self: Self-Awareness and Strengths-Based Leadership.
- Leading Others: Emotional Intelligence and Influence
- Resilient Leadership: The Roll of Well-Being in Individual and Organizational Performance

Save the date for MidCaN Leadership Fireside Chats in January:

- Leadership in Academics: January 7, 2021 at 3pm EST with panelists Robin Steinhorn, Lucky Jain, DeWayne Pursley, Trent Tipple, and Valencia Walker
- Leadership in Clinical Neonatology and QI: January 29, 2021 at 2pm EST with panelists Joe Kaempf, Kathleen Weatherstone, and Dan Ellsbury

**Advocacy**

Tara Randis and Josh Petrikin are the MidCaN Advocacy Committee Co-Chairs and are eager to involve members in upcoming MidCaN and SONPM advocacy work. It is more important than ever to advocate for public health, science, our profession, and most importantly, our patients and families.

Whether your current needs and interests are related to leadership/career development, mentorship, wellness, advocacy, QI (stay tuned), or research (new committee coming soon to MidCaN), we have a place for you! We are looking for new committee members! If you would like to join the MidCaN listserv or are interested in becoming more involved, please email MidCaN Co-Chairs Alexis Davis (asdavis@stanford.edu) and Dena Hubbard (dkhubbard@cmh.edu).

**Section Sponsored Fellow Research Conferences Go Virtual****Ann R Stark MD, FAAP**

The national and regional research conferences for fellows sponsored by the NPM Section Education Committee get consistently high marks for the wonderful learning and networking opportunities they provide. Therefore, when the pandemic forced cancellation of the national Perinatal and Developmental Medicine Symposium in Snowmass, CO, in June, we decided to go virtual. As with all other meetings and events this year, we would of course prefer to be together in a wonderful place than sit alone in front of our computers, however, I am pleased to report that our virtual approach has provided the next best thing.

Virtual fellows meetings held to date include the Northeastern Regional Conference on Perinatal Research in October, typically held in Chatham, MA, and the national Perinatal and Developmental Medicine Symposium in November, typically held in Bonita Springs, FL. The chair of each meeting strategized with their co-chairs to develop programs that contained the best elements of the in-person meetings, while accommodating a shorter meeting time and, for the national meeting, four time zones. As always, fellows each gave a ten-minute talk on their research with time for questions. Faculty and advisory board members provided written anonymous feedback on the individual presentations as previous attendees have valued this. Invited faculty members gave talks on their research program that included their own career trajectory. Since career advice panel discussions led by the faculty and co-chairs have always been a favorite, we arranged simultaneous chat rooms so that small groups of faculty and fellows could discuss a variety of career topics such as job applications, negotiation, and balancing work and life. To incorporate some fun activities, Jeff Reese, the national meeting Chair, officiated a scavenger hunt and Zoom Bingo games. Professional technical support for the meetings made them run smoothly.

Program Directors and Division Chiefs receive invitations for their fellows to participate three to four months before the meeting. Both the Perinatal and Developmental Medicine Symposia and the Regional Conferences on Perinatal Research require an abstract with the application and attendees are selected by the co-chairs based on abstract quality. For the national conferences, the Program Director selects one fellow to apply. For the regional conferences, any number of fellows may apply from each fellowship program.

**Regional Conferences scheduled for 2021:**

Western (WA, OR, CA, UT, HI, TX, OK, NM, CO) - January 6-8, 2021



Southeastern (FL, GA, SC, AL, MS, TN, MD, VA, Washington DC, NC, LA, AR, Philadelphia PA) - February 10-12, 2021  
 Central (MN, IA, IL, WI, OH, MI, IN, WV, KY, MO) - Louisville KY, April 7-9, 2021  
 Northeastern (NH, MA, VT, RI, CT, NJ, NY, Hershey and Pittsburgh PA) - Chatham MA, October 26-28, 2021

#### **National Conferences scheduled for 2021:**

Perinatal and Developmental Medicine Symposium - Snowmass CO, June 8-10, 2021  
 Perinatal and Developmental Medicine Symposium - Bonita Springs FL, November 9-12, 2021

These conferences are generously supported by an unrestricted educational grant from Mead Johnson Nutrition to the Section.

#### **For additional information, contact:**

Ann Stark (astark@bidmc.harvard.edu), Chair, Fellow Education Committee, AAP SONPM  
 Jim Couto (jcouto@aap.org), Director, Hospital and Surgical Subspecialties, AAP

## **Women in Neonatology: What's Up and What's Next?**

### **Marilyn Escobedo MD, FAAP for the WiN Steering Committee**

#### **The Facts:**

Women have become half of all neonatologists and the majority of new neonatologists finishing fellowships, a welcome milestone. Yet, women in neonatology and medicine:

- Hold a minority of subspecialty leadership positions as division chiefs (only ~20%), medical directors, committee chairs, speakers/panelists at scientific and educational meetings
- Earn less than male peers of the same age, rank and responsibility (\$30,000 less annually)
- Report fewer mentor relationships
- Find work/life balance difficult, almost unattainable
- Suffer more microaggressions, sex discrimination, and harassment than men
- Have diminished opportunities, awards, and honors than male peers

They recognize that these problems exist not only in our subspecialty but in our society as a whole. In addition, recent data would indicate that women are not making any progress in these areas.

A few women decided to quit complaining and DO something about it. Christiane Dammann, Renate Savich, Marilyn Escobedo, Clara Song, Krithika Lingappan, and Shazia Bhombal met in a quiet corner of a bar at a PAS meeting and discussed possibilities. They decided that as

women neonatologists we need to help ourselves and each other to achieve leadership positions, develop individual careers, practice self-care, advocate for the things we are passionate about, communicate effectively with each other, support our colleagues (both male and female) and use the power of the group to achieve these aims. In other words: Let's find our voice and take action!

An organizational meeting was planned for the 2018 Workshop in Scottsdale and a survey was sent out. The survey confirmed the need and identified five areas of concern: Leadership, career development, advocacy, wellness, and communication. Over 70 women gathered for the inaugural meeting. Women in Neonatology (WiN) was off and running! The purpose of WiN was determined to be:

- To promote the professional careers and personal well-being of women in neonatology
- To create a peer network to foster women's leadership and professional development
- To support advocacy by and for women in neonatology
- To address issues of gender inequity and disparity in our field

Subsequently, at the 2018 NCE meeting, over 100 women gathered to hear Jennifer Arnold, neonatologist of TV fame, speak inspirationally on "Think Big." In 2019, the WiN meeting at the Scottsdale Workshop featured Dr. Mangurian from UCSF leading a program on "What's Holding Women Back?" and the NCE meeting in New Orleans featured a lively discussion led by Dr. Rhonda Achonulu from Montefiore on "Implicit Bias." The interaction and enthusiasm of all participants at these meetings was amazing.

Namrita Jain Odackal, the creator of the catchy WiN logo, was invited to be the Newsflash Editor in late 2018. She publishes the Newsflash monthly. With continued awareness of and support for WiN from the AAP and SONPM, the WiN Steering Committee met in Itasca, IL in 2019 to plan our future. The WiN Steering Committee drafted a vision, a mission, and a strategic plan (and a budget!). Given increasing member participation, Jessica Madden and Karen Hussein became WiN Website Editor and Co-Editor in 2019 to improve WiN's online presence and communication.

The pandemic year of 2020 required a total rewrite of plans. Our face-to-face meetings have become webinars:

- August - "Our Money, Ourselves" – Women taking control of their finances with Dr. Bonnie Koo had 324 registrants and 158 live participants.
- September - "Dollars and Sense" - Smart money management for women docs by Dr. Koo with 169 registrants and about 91 participants.

**WiN What's Up and What's Next?***Continued from Page 9*

October – Dr. Catherine DeAngelis, “Leadership Challenges for Women Physicians,” 294 registrants and 164 live participants.

November - “2020 Journey” with the WiN Steering Committee and breakout sessions for the standing Committees for Leadership (Kris Reber), Advocacy (Christiane Dammann), Wellness (Dena Hubbard), Communications/Networking (Clara Song with Jessica Madden and Karen Hussein), Membership (Namrita Odackal and Shazia Bhombal) and Career Development (Jasmeet Kataria-Hale and Krithika Lingappan).

The advocacy effort, headed up by Christiane Dammann, in concert with several other sections in the AAP, has made huge progress on the effort to get physicians paid family leave. The proposal made the top 10 AAP Annual Leadership Forum list.

Efforts are in the making for mentors for leadership and career development pairing, surveys to identify inequities for action, workshops for negotiation skills, and platforms for virtual meetings. Many more ideas are in development.

The WiN Steering Committee has been chaired by Marilyn Escobedo, who has handed the gavel to Renate Savich as the 2020 Chair and Christiane Dammann as the Chair-Elect. Two more members for the Steering Committee will be needed. Interest in these positions should be directed to Renate Savich or any one of the current Steering Committee members: Marilyn Escobedo, Renate Savich, Christiane Dammann, Shazia Bhombal, Krithika Lingappan, Namrita Odackal, and Clara Song.

Margaret Mead, the famous anthropologist, said, “Never doubt that a small group of thoughtful, committed citizens can change the world.” We should have no doubt that women in neonatology are thoughtfully committed to make changes for a better world for women in neonatology.

**How Old is Too Old?****Stephen A Pearlman MD, MSHQS, FAAP**

As I am writing this column in early November, the outcome of the election seems certain. Obviously, age has been an issue raised in our presidential election with both major party candidates in their seventies. Concerns for the candidates’ physical and mental well-being have been raised by the political parties, as well as by journalists. Yet, we have many other people in the public eye who are very active in their own fields who are over seventy. In journalism, there are Leslie Stahl and Bob Woodward. Active musicians such as Mick Jagger, Eric Clapton, Paul McCartney and Bob Dylan are all over 70 and Tony Bennett is over 90. Actors in the same age bracket who are still performing include Robert DeNiro, Dustin Hoffman,

Sophia Loren and Al Pacino. Probably nobody but WECaN members will know who some of these people are.

Which brings me to my central question: How old is too old to be taking care of sick newborn babies? It might help us to answer this question by first considering other industries. For example, the aviation field has very strict policies around retirement. Establishing such policies can be tricky because of age discrimination laws. In fact, the aviation industry received a congressional exemption for the age discrimination rules in order to enforce their policy. But is aging an accurate proxy for competence? Many think not.

Aging is a growing concern in the practice of medicine. In 2015, over 240,000 physicians over 65 years of age were still practicing. In 2020, Skarupski *et al.* from the Bloomberg School of Public Health at Johns Hopkins published in *Academic Medicine* that physicians over 55 years of age constitute 32% of medical school faculty, a greater percentage than people of that age in the general population. Their study also showed that only 42% of institutions had a policy around the late career physician. White *et al.* from the University of Washington and UT Austin published another paper of interest on this subject in *BMJ Quality and Safety* in 2019. They performed a qualitative study, through interviews and focus groups, with stakeholders including medical board members, CMOs, senior and junior physicians, nurses, and patient advocates. The themes they identified included lax professional self-regulation of late career physicians and that key factors to be addressed in policies are patient safety and physician well-being.

Who should be developing these policies? Since there are many stakeholders, it is probably best to have a multidisciplinary group work on establishing the rules around the assessment of competence of late career physicians. Late career physicians deserve a place at the table as institutions ponder these issues. Institutions should take the lead in developing and enforcing these policies rather than state or certifying boards, but they may encounter resistance from late career physicians when asked to comply.

WECaN obviously has a stake in how these policies are developed and how they apply to those in our specialty. One could ask many questions: Should there be a mandatory retirement age? Should there be cognitive or dexterity testing done beyond a certain age? If so, how often should testing be done? If you are interested in participating or leading an effort to define which factors should be considered in policies related to late career neonatologists, please contact me at [Spelman@christianacare.org](mailto:Spelman@christianacare.org).

There is no question that our next president is in his eighth decade and we do not have a national policy to assess the competence of our leaders. However, the stakes are high

in medicine and we should be providing input into the policies that will impact our lives. In the words of a couple of old guys named Paul Simon and Art Garfunkel, “Old friends, sharing a park bench like bookends...”

## 2020 AAP Virtual NCE SONPM Scientific Session

### James Barry MD, FAAP

I had the honor of chairing the Scientific Abstract Session on the first day of the SONPM Program, along with the remarkable Program Chair, Dr. Clara Song. Transitioning an in-person, live conference to an all virtual conference was a monumental undertaking by the AAP and Dr. Song which, I think we can all agree, they pulled off quite well!

We had a strong showing for abstract submissions with a total of 264 submitted for our Section Program. These abstracts were reviewed and 90 were accepted for either the virtual poster hall or for oral abstract presentations. The following were the 10 abstracts that were chosen for oral presentation:

- 1) Randomized Trial of Surfactant Therapy via Laryngeal Mask Airway vs. Brief Tracheal Intubation, **Jacqueline Gallop**
- 2) Identification of Diazoxide Analogues That Stimulate Oligodendrocyte Proliferation, **Keith Shopa**
- 3) Optimal Inspired Oxygen Weaning Strategy Following Return of Spontaneous Circulation after Perinatal Asphyxial Arrest, **Deepika Sankaran**
- 4) Treatment of Human Pulmonary Microvascular Endothelial Cells with NO Leads to Increased PDE3A Protein Expression and AMPK Activation, **Amy Brown**
- 5) A Bundle of Care That Led to Sustained Low Incidence of Necrotizing Enterocolitis in Very Low Birth Weight Infants: A 10-Year Quality Improvement Project, **Maria-Fe Villosis**
- 6) Evaluating Care in Safety Net Hospitals: Clinical Outcomes and NICU Quality of Care in California, **Emily Pang**
- 7) Hospital Variation in Admissions to Neonatal Intensive Care Units by Diagnosis Severity and Category, **Eman Haidari**
- 8) A Randomized Controlled Trial: How Do Flipped Classrooms and Traditional Didactics Compare for Knowledge Acquisition and Retention among Neonatal-Perinatal Medicine Fellows? **Rita Dadiz**
- 9) The Effect of Socioeconomic Risk Factors on Post-Discharge Special Services Utilization in ELGANS, **Adharsh Ponnappakkam**

The presentations were outstanding and all of the authors should be congratulated on their efforts and important studies. After a very close competition, two oral presentations rose to the top and were awarded the Young Investigator Awards for the 2020 Program.

Overall, despite the pivot to a virtual format, the abstract session was well-attended, well-received, and quite enlightening. During the session, we had a maximum of 222 attendees that joined the virtual meeting.

We hope to see you in person next year at the NCE in Philadelphia, October 8-12, 2021! The Section Program will feature an enriching, collaborative environment with topics focused on how the environment impacts pregnancy and newborn development; cutting-edge topics in genetics including diagnosis and therapies; and a session on state-of-the-art developments in neonatology such as machine learning, a system approach to care, and caring for the brain-injured newborn.

If you have any feedback from the Section’s 2020 virtual scientific session, posters, or program please contact me at james.barry@cuanschutz.edu.

## 2020 SONPM Program at the Virtual AAP NCE

### Clara H. Song MD, FAAP

This year’s fall meeting in October was the first ever virtual National Convention and Exhibition for the AAP! We opened the 2020 SONPM program, #SONPM2020, on Saturday after a brief technical kerfuffle. Once the link was all sorted out, we were Zooming! (Literally)

Day One of #SONPM2020 included the Scientific Abstract Session, the weekend-long Poster Session, an update from the Committee on Fetus and Newborn (COFN) and a report from *NeoReviews*. Congratulations to all of our top abstract presenters, especially the two Young Investigator Awardees, Drs. Jacqueline Gallup and Deepika Sankaran. We also heard about the competitive Marshall Klaus Research Awards and the ten astounding 2020 recipients. The day continued with a COFN update from Chair, Dr. James Cummings, who at the spry young age of 63 will soon be getting his private pilot’s license. Our first day concluded with the 20th anniversary *NeoReviews* report from Editor Dr. Dara Brodsky, who also happens to be an international ski sensation having skied on 21 different mountains.

The main attraction of Day Two was the Neonate with Cardiac Disease and the Multidisciplinary Team Care Approach. This Joint SONPM session with the Section on Cardiology and Cardiac Surgery (SOCCS) opened strong with an introduction of the Neonatal Cardiac Care Collaborative (NeoC3) by Dr. Victor Levy who is a neonatal and cardiac intensivist, as well as a pediatric cardiologist. Pediatric cardiologist Dr. Nelangi Pinto, and pediatric interventional cardiologist Dr. Laurie Armsby, then joined Dr. Levy for a case-based conversation on pre-operative assessment and management. Another triple threat, neonatal and cardiac intensivist and pediatric cardiologist Dr. Rune Toms, discussed feeding controversies for these



**2020 SONPM Program***Continued from Page 11*

vulnerable neonates with increased pulmonary blood flow. His tips: Early protein, zinc and vitamin D (protocols included!). Neonatal intensivist Dr. Maria Fraga discussed an individualized approach for monitoring systemic perfusion and oxygen delivery with minimally invasive technologies such as cardiac MRI, targeted neonatal ECHO (TnECHO), transcutaneous Doppler, electrical biosensing technology, and NIRS. Dr. Patrick McNamara - neonatal intensivist, PanAmerican Hemodynamics Collaborative Chair and father to a Division I collegiate soccer player - carried on the torch of defining the hemodynamically significant ductus arteriosus and advocated for a rational approach emphasizing shunt volume, architecture and individualized precision medicine using non-invasive monitoring technologies. Neonatal intensivist, pediatric cardiologist and father to a high school football star, Dr. Carl Backes, Jr. followed with detailed insights on the FDA-approved transcatheter closure device for the ductus, the Amplatzer Piccolo

Occluder. All faculty of Day Two chimed in for rich discussion after a case presentation by our TECaN Chair, Dr. Ashley Lucke, who brilliantly presented with a toddler in her lap (the reality for many Women in Neonatology!).

Day Three kicked off with an SONPM update from our now Past Chair, Dr. Mark Hudak, who delivered his final set of awards and shout-outs as Chair. Notably, Cleanest Basement was awarded to Dr. Shetal Shah, who moderated from his basement on Sunday. Dr. Hudak reminded us of the amazing accomplishments from our Section despite the significant perturbations of this past year. We continued right along with discussions on cardiopulmonary dysfunction in the preterm and critically ill neonate from our neonatal hemodynamic experts. Dr. Shahab Noori, another veteran TnECHO guru, who resuscitated his own son at delivery then sat for the neonatal-perinatal medicine boards two hours later, detailed the monumental changes that occur in transitional circulation in the minutes after delivery and showed early NIRS patterns for preterm infants with and without

**Coding Question**

Edward Liechty MD, FAAP

An infant with critical aortic stenosis was admitted to your NICU on DOL 0 and is now two days of life. She has required mechanical ventilation since admission, as well as prostaglandin infusion. She is going for surgical repair today, after which she will go to the PICU, cared for by the PICU team. You round on her before surgery, make ventilator and fluid adjustments, and discuss her condition with the anesthesiologist and cardiac surgeon. Rounding, writing orders, discussions with surgical team, and note completion takes 70 minutes.

Correct CPT codes for this encounter:

- A. 99469 - Subsequent inpatient neonatal critical care, per day, for the evaluation and management of a critically ill neonate, 28 days of age or younger
- B. 99291 - Critical care, evaluation and management of the critically ill or critically injured patient; first 30-74 minutes
- C. 99239 - Hospital discharge day management; more than 30 minutes
- D. 99291, 94993 - Ventilation assist and management, initiation of pressure or volume preset ventilators for assisted or controlled breathing; hospital inpatient/observation, each subsequent day

*Answer on page 14.***Calendar of Meetings****District VI Conference**

Chicago, IL (Virtual)

September 11, 2021

**AAP National Conference & Exhibition****SoNPM Program**

Philadelphia, PA

October 8-12, 2021

**VON Annual Quality Congress**

Chicago, IL (Virtual)

September 30 – October 4, 2021

**Hot Topics in Neonatology**

Washington, DC

December 5-8, 2021

**34th Annual Gravens Conference on the Physical & Development Environment of the High Risk Infant**

VIRTUAL

March 2-5, 2021

**California Association of Neonatologists (CAN)****27 Annual Conference**

VIRTUAL

March 3-4, 10 &amp; 17, 2021

[www.TheGravensConference.com](http://www.TheGravensConference.com)**Perinatal Workshop**

VIRTUAL

March 9 &amp; 10, 2021

**Southeastern Association****of Neonatologists**

Marco Island, FL

May 26-30, 2021

intraventricular hemorrhage. Neonatal intensivist and TnECHO/hemodynamics authority, Dr. Regan Giesinger scrutinized the challenges of defining and managing hypotension in our neonates, and reminded us the “kidney is boss” in determining the systemic vascular resistance, except when cardiac function is compromised. Dr. McNamara returned on Day Three to plunge into precise approaches to pulmonary hypertension with use of TnECHO (Key points: Physiologic shunts can be your friend, iNO is not always the answer). Dr. Gabriel Altit - neonatal intensivist, hemodynamic expert, and spinning instructor - detailed these friendly shunting patterns that occur with myocardial dysfunction in disease states such as hypoxic-ischemic encephalopathy and congenital diaphragmatic hernia. Another neonatal intensivist/cardiologist and TnECHO/ POCUS phenom, Dr. Shazia Bhombal of Stanford University, who is ambidextrous, emphasized the critical importance of left ventricular diastolic function and the deleterious effects on the pulmonary vascular bed when dysfunction is present (think of HLHS with intact septum and the nutmeg lung). Dr. Noori returned for an encore performance for a final overview of precision medicine and management of neonatal hemodynamic compromise. Interspersed in the afternoon were two noteworthy case scenarios presented by TECaN members Drs. Jasmeet Katerina-Hale and Ahmed Almaazmi, inspiring conversation on the care of shock for term versus preterm infants.

Given the virtual platform, the heavy lifting was executed by the moderating mavens of the weekend - Drs. Michael Posencheg, District III Rep, who is separated by one degree from Kevin Bacon; Pui Lai, TECaN Early Career Rep and a former VP of the UC Berkeley Scrabble Club; Beena Sood, District V Rep, who is also a sourdough bread baker thanks to COVID; Jenny Koo, TECaN Research/QI Chair and children’s book author; Antonio Cabrera, 2020 SOCCS Program Chair, a pediatric cardiology section chair and an ex-31 week preemie; Sarah Bernstein, TECaN Career Development/Leadership Chair who was once “murdered” on an episode of “The Vampire Diaries”; Shetal Shah, District II Rep, who rode a bicycle across Africa to commemorate college graduation; Ali Stone, TECaN Advocacy Chair and new mom to a pandemic puppy, Bruce Wayne Slone; Brian Hackett, District IV Rep, who also has a PhD in plant physiology; Shweta Parmekar, TECaN Early Career Rep, who is a new mother to a four-month old; Alexis Davis, District IX Rep and now a proficient hairdresser in pandemic times; Sai Mukthapuram, TECaN Communication Chair and cricket player; and Jim Barry, District VIII Rep, the #SONPM2020 Abstract Chair who set his eyes on neonatal medicine at the keen age of six after witnessing the birth of a baby calf in his farming hometown, population ~100 (plus new baby calf).

Some things that #SONPM2020 missed were the annual Gerald Merenstein Lectureship, planned to be given by Dr.

Mark Mercurio from Yale School of Medicine, an expert on ethics in the NICU. Another neonatal legend, Dr. Richard Polin from Columbia University, was scheduled to give the Thomas E. Cone, Jr. Lecture on Perinatal History. Our annual Section on Neonatal-Perinatal Medicine (SONPM) Awards - Apgar, Education, Landmark and Pioneer - to our most esteemed and deserving colleagues were announced for 2020. Yet, we were unable to gather to deliver them with the grace and distinction with which these honorees deserved. Stay tuned for the plans for a separate SONPM award ceremony. TECaN, MidCaN, WECaN, and WiN were also unable to gather at their annual receptions given the condensed virtual agenda. Fret not, webinars-a-plenty have been scheduled since the summer from all our Special Interest Groups, including the TECaN-WECaN sponsored Virtual #52in52RCTchallenge Journal Clubs, MidCaN Leadership series, SONPM Clinical Leaders QI webinars, and WiN monthly webinars.

Many thanks to those who joined from cyberspace! Though we missed the coffee breaks and mingling, I myself learned to appreciate the Zoom panel selfies and love the rewind/review option of recorded sessions. The #SONPM2020 program will be available for all registrants until end of January 2021. Also, the Q/A discussion that was answered directly by faculty speakers and the “In Case You Missed It” Twitter highlights (thank you, #tweetensivists!) are accessible on the SONPM Collaboration site at <https://bit.ly/CollabSONPM2020>. I am incredibly grateful for this opportunity to gather so many experts for a collaborative weekend of teaming and insight. Until we Zoom again...

## 2020 Young Investigator Awardees

*Optimal Inspired Oxygen Weaning Strategy Following Return of Spontaneous Circulation after Perinatal Asphyxial Arrest*

**Deepika Sankaran** completed her medical training and a two-year pediatric residency at Madras Medical College, India. She proceeded to pediatric residency at Flushing Hospital Medical Center in Queens, NY and neonatal fellowship training at State University of New York, Buffalo where she worked on an ovine model of perinatal asphyxial arrest. She evaluated the effect of different epinephrine doses and flush volumes on the incidence of and time to achieving return of spontaneous circulation, under the guidance of her mentors Dr. Satyan Lakshminrusimha and Dr. Praveen Chandrasekharan. She is currently an Assistant Professor of Pediatrics and a board certified neonatologist at University of California Davis, Sacramento, CA. Her current research is on oxygen use during neonatal resuscitation and following recovery



**2020 Young Investigator Awardees***Continued from Page 13*

from asphyxial arrest. She has received research grant funding from the Children's Miracle Network at UC Davis to investigate the cardiovascular effects of prenatal methamphetamine exposure and the prevalence of prenatal methamphetamine use among the pregnant women delivering in a community hospital vs. university hospital (clinical) setting.

*Randomized Trial of Surfactant Therapy via Laryngeal Mask Airway vs. Brief Tracheal Intubation*



**Jacqueline Gallup** received her Bachelor of Arts in Biological Sciences from Binghamton University and her Doctor of Medicine degree from State University of New York Upstate Medical University. She completed pediatric residency at Albany Medical Center and is board certified in pediatrics. She received fellowship training in Neonatal and Perinatal Medicine at Albany Medical

Center, which she completed in September of 2020. Her research during fellowship included a randomized control trial comparing surfactant administration via laryngeal mask airway vs. the INSURE (intubation-surfactant-extubation) approach, in collaboration with Dr. Joaquim MB Pinheiro. Her manuscript won first place for the Albany Medical Center 2020 Scholarly Research Prize. Additionally, she was involved in a project evaluating a

prediction model for bronchopulmonary dysplasia in collaboration with Drs. Gina Geis and Joaquim Pinheiro. She was also involved in a quality improvement project in collaboration with the Department of Pediatric Anesthesiology aimed at reducing post-operative hypothermia and improving communication between the neonatology and anesthesiology teams. She is now a neonatologist with Mednax in Utica, NY.

**2021 Spring Workshop March 9-10****Krithika Lingappan MD, MS, PhD, FAAP**

The 2020 Perinatal Practice Strategies Workshop was canceled because of the travel restrictions imposed due to the COVID-19 pandemic. After much thought and consideration, the Planning Committee had to make the difficult decision of canceling the conference and refunding the registration fees. After much deliberation, we will be hosting the 2021 workshop on the virtual platform in lieu of the in-person meeting. The meeting will be held on March 9 (Tuesday) and 10 (Wednesday) from 1 pm to 6:30 pm CST to accommodate the time zones from around the country and allow clinicians to attend after they are done with their rounds in the NICU. The content has been modified for the virtual format and will be a mix of live interactive sessions and pre-recorded webinars. All the sessions will be available to the registrants for offline viewing at their convenience.

*Continued on Page 34***Coding Answer** (Question on page 12)

The correct answer is B - 99291, hourly critical care 30-74 minutes.

If > 74 minutes of care were required, additional segments of 30 minutes may be added by reporting 99292. When hourly critical care codes (99291/2) are reported, it is imperative that the total critical care time be recorded in the progress note.

Ventilator management is bundled with hourly critical care, making D incorrect.

Answer A, 99469, is incorrect. When transferring the critical patient to a different individual in a different group, the transferring individual reports time-based critical care services while the receiving individual from the different group reports the inpatient neonatal/pediatric critical care code. The PICU physician receiving the infant in transfer of care, by virtue of being of a different medical specialty from the neonatologist, would be considered a different group even if they are both part of the same large multi-specialty group.

Answer C, 99239, is incorrect as the infant is being transferred to another physician, not discharged from the hospital.

Correct ICD-10 codes include:

Q23.0 Congenital stenosis of aortic valve

P28.5 Respiratory failure of newborn

Be careful in using your EMR code selection tool. If you simply search aortic stenosis you may be directed to a code in Chapter 10, such as I35.0 Nonrheumatic aortic (valve) stenosis. For all congenital heart defects, the correct ICD-10 code should begin with Q. Also note that if the infant was born in your hospital, the appropriate Z code denoting a live birth would also be used. These codes are only for the birth hospital. If the infant was transferred to you from a different hospital, the Z code would not be used.



## MidCaN Rising Star... Mobolaji E. Famuyide



### What has been your education and career path so far?

I completed medical school at the University of Ibadan College Of Medicine in Ibadan, Nigeria and served a year of rotational

internship at the University College Hospital in Ibadan. As the 1st child of parents (both psychologists) who were educated in colonial Nigeria/England, their plan for me was to continue my education “abroad”. I moved to Mississippi (another story!) and completed a Master’s in Public Health at Jackson State University and went on to serve my pediatric residency at the Bronx Lebanon Hospital Center, NY (part of Albert Einstein College of Medicine) and fellowship at the University of Maryland Medical Center in Baltimore. I joined the Division of Newborn Medicine at University of Mississippi Medical Center following my fellowship. With the staffing limitations, research was not a viable option and the initial years were heavily clinically oriented, for which I am thankful. As the Division expanded, opportunities for scholarly activities opened up and I proceeded to obtain a Master’s in Bioethics and Health Policy at Loyola University in Chicago and a Certificate in Pediatric Bioethics at Children’s Mercy in Kansas City. My research interests have focused on a combination of public health aspects of maternal-child health conditions and perinatal bioethics, particularly in the periviable period. I have received funding for my work on identifying factors impacting breastfeeding in marginalized groups and also to implement statewide programs to improve breastfeeding and reduce disparities in breastfeeding. I have also had the opportunity to work with collaborators, both in medicine and in the community, that continue to motivate me. I started my leadership path as Director of Subspecialty Collaboration for the Division and subsequently became NICU Medical Director. This was definitely a big learning experience! I assumed my current role as Division Chief right in the thick of the COVID epidemic in March, and every day has been a journey!

### What do you hope to accomplish in the next 5 years?

Still striving for that R01... Really, lead my Division in a path of continued growth and hopefully lay the foundation to perinatal regionalization in Mississippi.

### What is the best advice you’ve gotten?

Do not underestimate the power of effective mentoring! I have been fortunate to have strong and effective mentors that continue to support me both professionally and in life.

### What advice would you give to your TECaN colleagues?

Remember, the pathway to leadership is a marathon and not a sprint. Keep the fires in perspective and the big picture in mind. Your network is truly your net worth.

### What was smartest career move you’ve made thus far?

Joining a small division in a state with significant challenges in perinatal health i.e. coming to Mississippi!

### What would you like to change about your career or life if you could have a do over?

I really am content with my path, both in my career and my life. Every path has led me in the direction ordained for me.

### What helps you to balance career and out of hospital life?

My family and my faith (sounds cliché but it is the whole truth!). Going home to my son and my husband brings me joy. We love to travel the world and enjoy a “Big Fat Nigerian Celebration” every now and then. I also love to dance; some SONPM eyes have even seen me dancing!



### What made you get involved with MidCaN and what do you hope that the group will do?

A well-respected senior partner, Renate Savich, shared the vision of MidCaN with me. Joining was a no-brainer as the vision was in alignment with my personal goals and I had been exploring opportunities to be more involved with my peers and serve on a national level. I hope we will be an effective bridge between TECaN and WECaN. As a member of the Mentoring Subcommittee, largely because of the impact of mentoring on my life and career, I hope we are able to provide mentoring opportunities/structure that will promote individual professional growth and provide an effective transition between the various stages of a neonatologist’s career.

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Munish Gupta**

**CONNECTICUT**

*Connecticut Children's Medical Center, Hartford*

This July we welcomed two new fellows. **Hala Saneh** joined us from Lincoln Medical Center in New York as a 1st-year fellow after pediatric and neonatology training in Lebanon. We also welcomed **Usha Prasad** as a 2nd-year fellow, who transferred from Jefferson back home to UConn.

We congratulate **James Moore** who was promoted to Professor of Pediatrics this summer at the University of Connecticut School of Medicine.

**Ted Rosenkrantz** gave a well-received virtual invited talk on "HIE in the Preterm Infant: Brain Injury, Therapies, and Outcomes" at the Newborn Brain Society.

Fellows **Mishika Malik, Aditya Chhikara, and Poonam Thakore** presented their research virtually at three different national meetings.

Congratulations to graduating fellows **Bette Ford**, who will be heading to Gwinnett Medical Center in Atlanta, GA, and **Rachel Koski**, who will be heading to the University of Minnesota

Welcome to **Nancy Louis** who joined the Connecticut Children's faculty as an Associate Professor of Pediatrics and is Medical Director for the NICU at Hospital of Central Connecticut and Midstate Medical Center. Nancy was also appointed Chair of Pediatrics for the Hartford Healthcare Central Region.

**Naveed Hussain** developed the Program for Resuscitation and Active Training for Better Infant and Mother's Outcomes after Birth (PRATIBIMB), a five-day training program that incorporates key elements of Helping Babies Breathe (HBB), Helping Babies Survive (HBS including ECEB and ECSB), Helping Mothers Survive (HMS including both PPH and pre-eclampsia modules from JHEPIGO) along with basics of infection control and QI adapted for low- and middle-income countries. He led a team of neonatologists, nurses, and nurse-midwives on a trip to India earlier this year that used this program to train 95 birth attendants in three states. The PRATIBIMB program is ready to provide initial training in the US for those interested in adopting it and there are plans for expansion in other regions of India after COVID restrictions are lifted.

*Yale New Haven Children's Hospital*

**Matthew Bizzarro** will be stepping down as Medical Director of the NICU at Yale New Haven Children's Hospital on January 1, 2021 to become the Vice Chair for Clinical Affairs of the Department of Pediatrics at Yale School of Medicine. In addition to added leadership duties for the Department and the network of hospitals supported, Matt will continue as Systems Medical Director for the Yale NICU Network, and will continue to attend in the NICU at Yale New Haven Children's Hospital.

Our Division thanks Matt for a decade of outstanding clinical leadership, which has included expansion and improvement in nearly every aspect of our NICU. Notable among Matt's many leadership contributions are his role in the opening of a new 68-bed unit in New Haven, greater coordination of all NICUs in our system, important contributions locally and nationally in the reduction of nosocomial infections, and guidance of the clinical service during the pandemic. Our Division congratulates him on this well-deserved promotion and looks forward to ongoing collaboration.

**Yeisid Gozzo** has been selected as the next Medical Director of the NICU at Yale New Haven Children's Hospital, York St. Campus. Dr. Gozzo is currently the Medical Director of the NICU and the Chair of Pediatrics at Waterbury Hospital. In addition, she has served as an attending neonatologist at the York St. NICU since 2009 and Director of Transport for Yale Neonatology since 2013. Yeisid has a record of being a gifted and dedicated clinician, an outstanding teacher, a reliable colleague, and capable and respected leader. Dr. Gozzo will assume this role on July 1, 2021. Our Associate Medical Director, **Steve Peterec**, will serve as Interim Medical Director from January through July 2021.

**Bunmi Olaloye** was awarded a Patterson Trust Mentored Research Award to support her work, "Peripheral Immune System Development of Preterm Infants at Risk of Necrotizing Enterocolitis."

Our newest MRI unit at Yale New Haven Children's Hospital was recently delivered and will be operational by January 2021. This new unit, designed specifically for newborns, is only the second of its kind in the US and is located within our NICU. It will serve as an important resource for clinical care and research.

**MAINE**

*Maine Medical Center, Portland*

We welcome **Jennifer James** who has joined the Division of Neonatology at the Barbara Bush Children's Hospital at Maine Medical Center from Children's Hospital of Philadelphia.

**MASSACHUSETTS**

*Baystate Medical Center, Springfield*

We welcomed **Joanna Beachy** as our new Division Chief of Newborn Medicine in October. Dr. Beachy was most recently Medical Director at Cohen Children's Medical Center. She brings a wealth of experience, a fresh set of eyes and an array of new ideas!

We welcomed **Kate Horan** in July. With **Rob Rothstein**, Kate will begin exploring the role that telemedicine can play in the outpatient support of opioid exposed infant/mother dyads.

**Amy Blake** and **Rob Rothstein** continue to enroll newborns in a multicenter study examining the role, if any, probiotics may play in the prevention of NEC.

We are thrilled that our "family" of per diem neonatologists, **Stephen Bean, Thomas Campfield, Barbara Kelly, Kathleen Meyer** and **Gary Rockwell** have returned home to our NICU.

*Beth Israel Deaconess Medical Center, Boston*

**Ann Stark** has been appointed Professor in Residence of Pediatrics at Harvard Medical School, reflecting her sustained national and international reputation and impact as a leader and innovator in clinical care, teaching, and scholarship.

In recognition of their national and international contributions, **Dara Brodsky** and **Cami Martin** have been elected to the 2021 membership class of the American Pediatric Society. BIDMC Neonatology now proudly boasts six members of this organization, whose mission is to shape the future of academic pediatrics through engagement of distinguished child health leaders.

**Cami Martin** has been awarded a grant by the Massachusetts Life Science Center Women's Health Capital Grant Program. Cami shares the award with our colleague **Rimi Sen** at BWH, and the funding will support lactation-based translational research.

**Jennifer Lee** and her team at Beverly Hospital are featured in a video produced by the Massachusetts Health Policy Commission highlighting a statewide Neonatal Abstinence Syndrome improvement initiative. The video celebrates years of innovative and family-centered work by Beverly Hospital in the care of families impacted by perinatal opioid use.

**Jane Smallcomb**, Senior Nursing Director for Perinatal Services, was presented with the March of Dimes Excellence in NICU Leadership Award at Synova Associates' 24th Annual NICU Leadership Forum, which was held virtually on September 16.

NNP **Rosanne Buck** received a National Certification Corporation credential in Obstetric and Neonatal Quality and Safety. She earned this by meeting educational and practice requirements and taking a rigorous national examination specific to perinatal care. This is a superb professional achievement and recognition reflective of Rosanne's vast experience, expertise, and professional standing as a national expert in NICU quality.

We welcome **Alejandra (Ale) Barrero-Castillero** to our faculty! Born and raised in Mexico City, Ale trained at Boston University, Stanford, and Harvard, and stayed at BIDMC following completion of fellowship. She will continue her work on assessing psychosocial stress in infants and caregivers at high risk for mental and physical illness.

We welcome two neonatologists based at Anna Jaques Hospital (AJH) to the Beth Israel Lahey Health Neonatology Network. **Olga DeSimone** has been the Medical Director at AJH since 2012. **Marianne Anderson** joined AJH in 2018 after relocating from California.



**Ariana Rudnick** has joined our team of pediatric hospitalists after completing her residency at Massachusetts General Hospital. Her interests include neonatal nutrition and quality of care.

*Boston Children's Hospital*

2nd-year fellow **Matthew Lin** won the 2020 Ethics Essay Contest lead by the Section on Bioethics of the AAP and the Ethics Special Interest Group of the APA for his essay titled, "Moving beyond the Debate on Withdrawing and Withholding Life Sustaining Therapies in the Neonatal Intensive Care Unit." He also won this year's Conley Ethics Essay Contest, and his essay will be published in the *AMA Journal of Ethics* in April 2021.

**Amy O'Connell** was promoted to Assistant Professor of Pediatrics.

**Anne Hansen** and **Martha Sola-Visner** were elected to membership in the American Pediatric Society.

**Sarah Morton**, **Amy O'Connell**, **Elizabeth Taglauer**, and **Monica Wojcik** were elected to the Society for Pediatric Research.

**Sarah Morton**, **Amy O'Connell**, and **Banu Ahtam** were awarded OFD Career Development Fellowships.

**Kristen Leeman** received the inaugural John Cloherty Excellence in Clinical Teaching Award.

**Kiho Im** was awarded an R01 as Principal Investigator on, "Genetic and Hemodynamic Effects on Prenatal Cortical Development in Congenital Heart Disease."

**Sheng He** was awarded the 2020-22 Charles A. King Trust Fellowship Award.

**Lana Vasung**, **Hee Yeon Im**, **Ai Wern Chung**, and **Esra Abaci Turk** were promoted to Instructor of Pediatrics.

**Ellen Grant** was an invited speaker for the Mansfield Lecture and the President's Lecture at the International Society of Magnetic Resonance in Medicine Annual Meeting and the Society for MR Radiographers and Technologists Annual Meeting.

*Brigham and Women's Hospital, Boston*

In July 2020, 11 nurses from our BWH DPNBM Team received the Neuro-Neonatal Intensive Care Sub-Specialty Certification (C-NNIC). To receive this certification, Pediatric Nurses in the US and Canada complete a competency-based examination that tests specialty knowledge and the application of that knowledge to improve outcomes for at-risk or impaired neonates in intensive care environments.

In June 2020, **Sule Cataltepe** and **Lise Johnson** were named 2020 Distinguished Clinicians for their work in Neonatal-Perinatal Medicine at Brigham and Women's Hospital. The Distinguished Clinician title is awarded to a select group of the Hospital's most accomplished physicians who carry forward the Brigham's rich tradition of outstanding compassion and patient care.

**Sarbattama Sen** was awarded a \$1.1 million award from the Massachusetts Life Science Center Women's Health Program Capital Grant to establish The Lactation Lab, a state-of-the-art facility with clinical and laboratory infrastructure for investigating lactation outcomes and breastmilk composition. A collaborative effort with **Cami Martin** from BIDMC, The Lactation Lab will allow researchers to study and improve lactation outcomes for women in Massachusetts.

**Fotios Spyropoulos** is a finalist for the American College of Cardiology's 2021 Young Investigator Awards Competition. He received this national recognition for his abstract titled, "Transcriptomic and Metabolomic Signatures of Chemogenetic Heart Failure."

In June 2020, **Linda Van Marter** was named inaugural recipient of the Winovation Award 2020 by the AAP SONPM Women in Neonatology.

In September 2020, numerous members of our faculty and our combined fellowship were named to the 2019-20 Boston Combined Residency Program Faculty Teaching Honor Roll. Congratulations to faculty members **Katherine Bell**, **Sule Cataltepe**, **Saila Ghanta**, **Tanzeema Hossain**, **Stella Kourembanas** and **Annette Scheid**, and to fellows **Madeline Keyes**, **Kristin Leone**, **Tierney Morrison**, **Ravi Raju**, and **Julie Thai**.

On October 14, 2020, BWH Newborn Medicine physicians assisted in cesarean section delivery of the first male gorilla at Franklin Park Zoo in Boston, MA. **Linda Van Marter** and **Elizabeth Flanigan** joined their BWH colleagues **Julian Robinson**, **Thomas McElrath**, **Sara Rae Easter**, **James Greenberg**, and **Monique Williams** to ensure the safety of the newest member of the Franklin Park Zoo family and his mother.

We welcome **Deborah Cuddy** and **Yvonne Sheldon** to our Clinical Research Team.

*Massachusetts General Hospital, Boston*

After more than four decades of service at St. Elizabeth's Medical Center, where she also served as Chief of Pediatrics, **Silvia Testa** retired in December 2020. The St. E's community and the larger Boston neonatology community are grateful for her service and leadership.

**Sanjay Aurora** returned to the MGH team in August 2020 as Medical Director of Neonatology at Holy Family Hospital.

**Juan Matute** has received a Crohn's and Colitis Foundation Research Fellowship Award for his project entitled, "The Role of Intelectin-1 in Intestinal Homeostasis."

**Michael Prendergast** was appointed as the Neonatal Associate Medical Director of Boston MedFlight.

*South Shore Hospital, South Weymouth*

The NICU at South Shore Hospital recently celebrated the one-year anniversary of the launch of their Family Integrated Care program.

Under the leadership of **Zuzanna Kubicka**, the program continues to grow and thrive, with extremely positive feedback from families.

*Tufts Medical Center, Boston*

**Jonathan Davis** received his third U award, the latest from the FDA entitled, "Advancing Standards and Methodologies to Generate Real World Evidence from Real World Data in Neonates."

**Jonathan Davis** was an invited speaker to national conferences for NICHD. Talks included, "The Impact of the Opioid Epidemic on America's Children: How Can we Stop the Cycle?" and "Toward the Use of Buprenorphine in Infants: Scientific and Practical Considerations."

**Jill Maron** received her third U/R award from NICHD for her project, "Salivary Diagnostics for Sepsis Screening in the Newborn." She was also awarded the 2020 AMA Women Physicians Section (WPS) Inspiration Award for offering her time, wisdom and support throughout the professional careers of fellow physicians, residents and students.

**Elizabeth Yen** received her K12 award entitled, "Building Interdisciplinary Research Careers in Women's Health (BIRCWH), NCATS."

**Elizabeth Yen** received the Sydney Gellis award for the most outstanding junior faculty member in the Department of Pediatrics and was elected Chair of the Tufts Women in Medicine Committee.

**Romal Jassar** was awarded an AAP SONPM regional grant for Annual Senior Fellow Simulation Boot Camp and continues to be a leader in NPM fellow education in New England.

**Christiane Dammann** was appointed the Chair of the Appointments, Promotion, and Tenure Committee in the School of Medicine. She was also elected as an Executive Council Member of the Council of Pediatrics Subspecialties.

**MaryAnn Volpe** has been appointed Chair of the Tufts Health Sciences Institutional Review Board, a remarkable recognition of her long-standing commitment to human subjects research.

Under the leadership of Medical Director **Mario Cordova**, the Level II nursery at Lowell General Hospital was selected as the only Level II nursery in Massachusetts to participate in a multicenter NICHD-funded SAFE PREP Study, "The Study of Attitudes and Factors Effecting PREterm Infant Care Practices."

We are delighted to have welcomed three 1st-year Neonatal-Perinatal fellows. **Tamara Arnautovic** joins us after having completed her pediatric residency from Brown University and has a strong interest in clinical investigations.

**Timothy Marinelli** joins us from the University of Minnesota and plans to assess neurodevelopmental outcomes in ELGANS.

**Hayley Wilcox** joins us after having completed her pediatric residency at Albany Medical Center and working as a NICU Hospitalist in Boston, with interests in QI and telemedicine.

After more than 20 years of affiliation with us, we bid fond farewell to **Karen Harvey-Wilkes**, who stepped down from her role as the Medical Director of the Level II nursery at Melrose-Wakefield Hospital as she gets ready to enjoy her retirement. The Tufts family owes her much gratitude for years of excellent care provided to countless families.

*UMass Memorial Children's Medical Center, Worcester*

The UMASS NICU is thrilled to welcome new members to our team. **Eiisa Abdulehaglu** has joined as the new Medical Director. **Melissa Woythaler** has joined as the new Associate Medical Director. **Maushami Assad** will be joining as the new Associate Fellowship Director. Welcome!

**Kirsti Martin** has been selected as the fellow representative to the Neonatology National Curriculum Committee.

UMASS hosted a very successful 21st Annual Braden E. Griffin MD Memorial Symposium in November. The Doug Richardson Lecture was provided by **Betty Vohr** and the Braden Griffin Lecture was provided by **Satyan Lakshminrusimha**.

**Larry Rhein** received a \$1.3 million grant from PCORI for his multicenter project to implement home oxygen recording to optimize home oxygen therapy in premature infants.

**Larry Rhein** has joined the Editorial Board of Contemporary Clinical Trials.

## RHODE ISLAND

*Women & Infants Hospital of Rhode Island, Providence*

**Betty Vohr** was awarded the 2020 Virginia Apgar Award from the AAP SONPM. This high honor is well deserved and recognizes Dr. Vohr's many decades of impact on the care and outcomes of newborns and their families. Dr. Vohr was also awarded the Douglas Richardson Award from the New England Association of Neonatologists, in honor of her presentation at the 2020 Griffin Memorial Symposium at UMass Memorial Children's Medical Center on "Mediators of Survival and Outcomes of Extreme Premature Infants."

**Robert Insoft** was appointed the Interim Chief of Pediatrics/Neonatology, and he continues as the Chief Medical Officer at Women & Infants Hospital of Rhode Island.

**Adam Czynski** and **Laurie Hoffman** were appointed Associate Medical Directors of the NICU at Women & Infants Hospital/Alpert Medical School of Brown University.

**Joseph McNamara** was appointed Medical Director of the Mother-Baby Unit at Women & Infants Hospital of Rhode Island.

**Beatrice Lechner** was appointed Associate Director of the Neonatal-Perinatal Medicine Fellowship Program and Director of Perinatal Palliative Care at Women & Infants Hospital/Alpert Medical School of Brown University.

**Elisabeth McGowan** was promoted to Associate Professor of Pediatrics on July 1, 2020.

**Martin Keszler** continues to teach neonatal respiratory care all around the world. Recent presentations have been at NeoHeart 2020, the University of Calgary Neonatal Grand Rounds, and the 2020 Griffin Memorial Symposium at the UMass Memorial Children's Medical Center.

**James Padbury** was an invited speaker at the NIGMS/NIH IDeA Program Meeting on September 22, 2020. His talk was "Improving Testing Uptake and the Understanding of SARSCoV-2 Outcomes among Latinx Populations."

James Padbury was appointed to the External Advisory Board of the Hispanic Alliance IDeA CTR Award at the University of Puerto Rico.

## VERMONT

*University of Vermont, Burlington*

We welcome **Amara Heard** and **Esther King** to our NPM fellowship. Dr. Heard graduated from the University of Missouri-Kansas City School of Medicine and comes to us following her Chief Resident year at Cardinal Glennon Children's Hospital in Saint Louis, MO. Dr. King graduated from Ross University School of Medicine in Dominica and joins us following her pediatric residency at the University of Kansas in Wichita.

We welcome **Aaron Wallman-Stoke** to our Division.

Our Division celebrates the completion of fellowship for **Adrienne Pahl** and **Delia Horn**. As they closed out their fellowships, both Drs. Pahl and Horn were recognized for their continued excellence. Dr. Pahl received the AAP/VON Scholar Award for QI work centered on improving care for opioid-exposed newborns. Dr. Horn received the Jerold and Ingela Lucey Early Career Investigator Prize for Innovations in Infant or Child Health for her work entitled, "Association between Antenatal Ultrasound Findings and Neonatal Outcomes in Rural Uganda". The Division is fortunate to welcome both Dr. Pahl and Dr. Horn as they join us as faculty.

**Delia Horn** facilitated the participation of the University of Vermont Children's Hospital NICU in an international read-a-thon hosted by Babies with Books. Her enthusiasm for the program and that of our families earned the UVMCH NICU an award for 2nd place and provided our patients and families with the wonderful benefits of early reading.

**Deirdre O'Reilly** was promoted to Associate Professor at the Larner College of Medicine at the University of Vermont.

Our Division celebrates **Roger Soll** as he retires from clinical service. Though he will be missed by many at the bedside, we look forward to his continued engagement in the mentoring of our fellows and early-career faculty, as well as his continued roles with the Vermont Oxford Network and Cochrane Neonatal.

## DISTRICT II: Shetal Shah

### NEW YORK

*Columbia University/Morgan Stanley Children's Hospital, New York*

**Anna Penn** was recently appointed as the L. Stanley James Associate Professor of Pediatrics and was recently elected to the American Pediatric Society.

**Elvira Parravicini** at Columbia University Irving Medical Center received a \$1,000,000 donation from the Mother Cabrini Health Foundation. The donation is in support of the Neonatal Comfort Care Program ([www.neonatalcomfortcare.com](http://www.neonatalcomfortcare.com)), of which Dr. Parravicini is founder and Director.

**Amelie Collins** was awarded a NIH Career Development Award K08 entitled, "Mapping the Unique Features of Fetal and Neonatal Hematopoietic Stem and Progenitor Cells Conferring Susceptibility to Inflammation and Infection."

**Jen-Tien Wung** will retire at the end of December after 50 years of dedicated service at Columbia University Medical Center.

Fellow **Helen Hu**, with mentors **Tina Leone** and **Rakesh Sahni**, was awarded the NRP Young Investigator Award.

**Elvira Parravicini** was invited to speak on perinatal palliative care at the Russian Hospice Care Professionals Association Conference on October 6, 2020 via Zoom.

*New York Medical College/Maria Fareri Children's Hospital, Valhalla*

**Heather L. Brumberg** was promoted to Full Professor at New York Medical College this fall. As President of the Eastern Society for Pediatric Research, she is spearheading the organization's first-ever virtual meeting, scheduled for March 2021.

**Manual DeCastro** was promoted to Vice-Chair, Department of Pediatrics, Garnet Health Medical Center (formerly Orange Regional Medical Center) this November.

**Shetal Shah** received the Local Hero Award from the AAP Council on Community Pediatrics in October.

*NYU Langone Health, New York*

3rd-year fellow, **Sweta Bhargava**, received a PrMIER grant, funded by NYU Langone to promote educational research. The funds will allow her to develop curriculum and test its efficacy in use of point-of-care ultrasound in the NICU.

We will host a virtual version of our 3rd annual PICNIC Conference on November 12, 2021. The PICNIC: Pediatric Intensive, Cardiac and Neonatal Intensive Care Collaborative Conference is designed to promote the importance of collaboration and standardization of key practice principles across ICUs. Lectures will highlight differences in practice across units and use those differences to focus on areas

where we can learn from each other and identify possible future research goals.

**Erin Cicalese** has been named the Associate Program Director of the Neonatal-Perinatal Fellowship.

**Elena Wachtel** continues her work as a member of the DOH expert panel committee on perinatal regionalization and best practice guidelines in NYS.

**Sadaf Kazmi** has continued to expand our patient follow-up through our Neonatal Developmental Follow-up Program and has been focusing our outreach to our Congenital Cardiovascular Care Unit patients. Our multi-disciplinary team has also rolled out the use of the Bayley 4 assessment and adapted our virtual visits to incorporate the Ages and Stages assessments through the pandemic.

**Robert Angert** received the NYU Innovation Showcase Award at NYU Langone Health, which provided a grant to the NICU to develop and introduce an app-based communication platform and virtual family-centered rounds. The project went live in March 2020 and has been essential in connecting virtually with our families during the pandemic.

*NYU Langone Hospital-Long Island*

NYU Winthrop Hospital has officially changed its name to NYU Langone Hospital-Long Island, which is the primary hospital for the new NYU Long Island School of Medicine, a tuition-free medical school.

**Nazeeh Hanna**, Chief of Neonatology at NYU Langone Hospital-Long Island is PI of a recently awarded R01 NIH/NICHD grant titled, "Placenta-specific miR-519c-mediated Induction of Immune Tolerance in Human Placenta."

**Nazeeh Hanna** is PI of a recently awarded NIH/NICHD R21 grant titled, "Cold Milk as a Novel Therapy for Dysphagia in Preterm Infants."

NYU Langone Hospital-Long Island NICU has been chosen as one of the Most Innovative Children's Hospital NICUs in the USA by *Parents* magazine for our innovative Neonatal Dysphagia Program. The Program will be featured in the January 2021 issue.

*Steven and Alexandra Cohen Children's Medical Center/Northwell Health, New Hyde Park*

The Division of Neonatal-Perinatal Medicine at Cohen Children's Medical Center is thrilled to welcome **Annamarie Stroustrup** as System Chief of Neonatology and Vice-President and Director of Neonatal Services. Dr. Stroustrup joined our Division in August from Mt. Sinai Kravis Children's Hospital where she served as Division Chief of Neonatology. We thank **Richard Schanler** for his guidance and leadership for the past decade as Division Chief. Dr. Schanler will continue as Fellowship Program Director and presenting at virtual conferences around the world while looking forward to resuming his international travels.

We thank **Joanna Beachy** for her leadership as Medical Director and wish her well in her new role as Division Chief of Newborn Medicine at Baystate Medical Center, Springfield, MA. **Vita Boyar** has been appointed as Interim Medical Director.

We welcome **Margaret Pulju**, who joined us from NYP Lower Manhattan Hospital, New York, NY and **Alok Ezhuthachan** from Northwell Lenox Hill Hospital, New York, NY.

Congratulations to **Vita Boyar** on her promotion to Associate Professor of Pediatrics, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell.

**Vita Boyar** presented at the International Wounds Canada Conference on "Antimicrobial Resistance, Stewardship and Wound Care: Where Are We in 2020?"

For a second consecutive year, **Mariana Brewer** is a recipient of the Advancing Women in Science and Medicine (AWSM) Award for Collaboration to support her project, "The Developing Immune System of Premature Babies and Their Response to Severe Infection."

**Howard Heiman** received the C. Robert Chambliss Award for the best AAP Section on Transport Medicine scientific presentation for his work on "Novel Inhaled Nitric Oxide (iNO) Therapy Delivery through a Neonatal Transport High Frequency Percussive Flow Ventilator."

This November, **Shahan Perveen** was awarded an RXR Innovation Grant for her work on "New Therapeutic Modality for Better Lung Function in Babies with Congenital Diaphragmatic Hernia" from AWSM of the Feinstein Institute.

**Richard Schanler** is a recipient of the 2020 AAP Samuel J. Fomon Nutrition Award. He presented, "Investigations in Human Milk Research" to the Committee on Nutrition in October.

**Alla Zaytseva** presented and ran a workshop on unplanned extubations in the NICU at the New York State Regional Children's Hospitals Solutions for Patient Safety Meeting this November.

*University of Rochester Medical Center/Golisano Children's Hospital*

Congratulations to **Ronnie Guillet** on hosting of a very successful virtual Northeast Regional Perinatal Research meeting October 21-23.

**Kristin Scheible** was a featured keynote speaker.

Congratulations to **Gloria Pryhuber** on the publication of the first edition of her book, *Updates on Neonatal Chronic Lung Disease*. Additional authors from URM Neonatology include **Carl D'Angio**, **Andrew Dylag**, **Thomas Mariani**, **Ravi Misra**, and **Kristin Scheible**.

**Thomas Mariani** was the recipient of the American Thoracic Society Andy Tager Award for Excellence in Mentorship.

**David Dean** and **Arshad Rahman** received a NIH/NHLBI award entitled, "Mitigating Acute

Lung Injury by Cell-specific Targeting of mTOR."

**David Dean** received a NIH-sponsored R01 award titled, "A Multimodal Delivery and Treatment Approach for Acute Lung Injury."

**Andrew Dylag** received an American Lung Association award titled, "Airway Disease Due to Aberrant Matrix Remodeling after Neonatal Hyperoxia."

**Laurie Steiner** received a R01 entitled, "Investigation into the Function of RNA Polymerase II Promoter Proximal Pausing during Terminal Erythroid Maturation."

**Gloria Pryhuber** received two competitive supplements to her NIH/NHLBI-sponsored "Developing Lung Molecular Atlas Program (LungMAP)/Biorepository for Investigation of Diseases of the Lung (BRINDL)."

### DISTRICT III:

**Michael Posencheg**

### DELAWARE

*Nemours/Alfred I. duPont Hospital for Children, Wilmington*

**Mark Ogino** completed his Presidency of the Extracorporeal Life Support Organization in September 2020. Dr. Ogino was recognized as Fellow of ELSO at the Annual ELSO Conference in September.

**Lynn Fuchs** received her Master's in Healthcare Quality and Safety from Jefferson College of Population Health at Thomas Jefferson University.

### MARYLAND

*Greater Baltimore Medical Center*

Greater Baltimore Medical Center welcomed **Susan Aucott** as the Director of Neonatology this year. She is a very welcome addition to our program. She was previously Interim Director at Johns Hopkins.

*Johns Hopkins, Baltimore*

**Akhil Maheshwari**, who joined the Division as Director in April 2018, unfortunately needed to go on extended leave in November 2018.

**Lawrence Noguee** has assumed the role of Division Director in the interim. We are pleased that Dr. Maheshwari returned to the Division in October 2020, but will focus his efforts exclusively on his research on NEC.

**Susan Aucott** assumed the role of Director of the NICU at Greater Baltimore Medical Center in January 2020. Dr. Aucott had been a member of the Division for 25 years, serving as Fellowship Director until 2017 and Interim Division Director from 2014-2018. She will remain involved on a part-time basis with fellow education and other divisional activities.

**Laura Seske** left the Division in June 2020 to take a position at Rush Medical Center in Chicago.

**Renee Boss** was named the Rembrandt Foundation Professor of Pediatric Palliative



Care and assumed the role of Director of Pediatric Palliative Care in July 2020, but remains an active member of the Neonatology Division.

**Kartikeya Makker** joined the Division as a Clinical Associate in October 2019 and will split his clinical time between Johns Hopkins Hospital, Johns Hopkins Bayview Medical Center, and Frederick Memorial Hospital.

**Michael Kochan**, who completed fellowships in both neonatology (University of Maryland) and palliative care (Johns Hopkins), joined the faculty as an Assistant Professor in July 2020.

**Suneetha Desiraju** joined the full-time faculty as an Instructor after completing her fellowship at Columbia in 2017 and doing an additional year of research in our Division.

**Khyzer Aziz** completed his fellowship in June 2020 and stayed on as faculty starting July 2020.

**Terri Traub** joined the Division in July 2020 as a Clinical Associate following completion of her fellowship at Children's National Medical Center. She will split her clinical time between Johns Hopkins Hospital, Johns Hopkins Bayview Medical Center, and Frederick Memorial Hospital.

**Keith Leung** joined the Division in August 2020 as a Clinical Associate following completion of his fellowship at Georgetown University. He will split his clinical time between Johns Hopkins Hospital, Johns Hopkins Bayview Medical Center, and Frederick Memorial Hospital.

**Rebecca Dorner** completed her fellowship and accepted at position at East Virginia Medical School and Children's Hospital of the King's Daughters.

**Esther Lee** completed her fellowship after an extra year of research and accepted a position at Rush Medical Center in Chicago.

**Jennifer Fundora** completed her clinical fellowship in June 2020 and is pursuing an extra year of research training and classwork in clinical investigation supported by a T32 training grant.

**Jennifer Miller** completed her fellowship in June 2020 and accepted a position at Franklin Square Hospital in Baltimore, MD.

We welcomed three new fellows in July 2020: **Samuel McAleese**, **Alexander Gall** and **Leslie Doucette**.

**May Chen** was promoted to Assistant Professor.

**Raul Chavez-Valdez** and **W. Christopher Golden** were promoted to Associate Professor.

**Julia Johnson** received her PhD in Clinical Investigation from the Johns Hopkins Bloomberg School of Public Health in May 2020. She also received her K23 Mentored Career Development Award from the NIH and has been named a VON Scholar.

**Lauren Jantzie** received a grant from the NIH to explore the combination of erythropoietin

and melatonin therapy on ameliorating perinatal opioid-induced brain injury.

*University of Maryland Medical Center,  
Baltimore*

**Rose M. Viscardi**, Professor and Associate Chair of Clinical Research for the Department of Pediatrics at UMSOM, Director of the Joint Departmental Junior Faculty Academic Career Development and Mentoring Program for the Departments of Medicine and Pediatrics, will be retiring on December 31, 2020. Dr. Viscardi will continue to serve as Professor Emeritus at UMSOM. Dr. Viscardi's research expertise is in the role of inflammation, specifically *Ureaplasma* species, in the pathogenesis of BPD and NEC in preterm neonates. Dr. Viscardi was the Program Director for the UMB Neonatal-Perinatal Medicine Fellowship from 2002-2009 and developed a scholarly core curriculum for all pediatric fellows. Dr. Viscardi's enthusiasm for both research and teaching are evident in her a 30-year track record of successful mentorship of trainees at all levels.

**Natalie Davis** has been promoted to Associate Professor in the Department of Pediatrics. In addition, Dr. Davis has been named the Director of Resident Research in Pediatrics.

**Sripriya Sundararajan** will be giving an invited lecture on "Neonatal Emergencies in the Pediatric ER" at the International Pediatric Emergency Medicine (iPEM) mentorship program in December 2020. iPEM is collaborative program with Child Life Foundation, Johns Hopkins University and University of Maryland School of Medicine.

**Alison Falck** will be moving to California to join University of California San Francisco as Professor of Neonatology. She has had a very productive and successful career as the NPM Fellowship Director at University of Maryland for over 10 years. Dr. Falck has made several important contributions that include changes to the NPM fellowship curriculum, introduction of the flipped classroom, in her role as a palliative care consultant in clinical neonatology, in NICU follow-up clinic, and in teaching and leadership. She has influenced the lives of many patients, trainees, and colleagues.

We are excited to announce that **Erin Schofield** to be our new NPM Fellowship Program Director. She will be assisted by Associate Fellowship Program Directors, **Christine Capriolo** for clinical training and **Natalie Davis** for research.

**Francesca Okolie** joined the Division of Neonatology as Assistant Professor in July 2020 after completing fellowship at Columbia University, New York. Dr. Okolie is leading the NICU Patient Safety Committee and continuing her research on health care disparities.

#### PENNSYLVANIA

*Children's Hospital of Philadelphia*

**John Chuo** was appointed Co-Director of the Center for Human Phenomic Science, Digital Health Innovation Core at CHOP's Research Institute.

**Anne Ades** was appointed to the Board of Directors of the International Pediatric Simulation Society.

**Elizabeth Foglia** was appointed to the Neonatal Life Support Task Force of the International Liaison Committee on Resuscitation, a group of 18 from around the globe who are responsible for generating treatment recommendation guidelines used worldwide by national/regional resuscitation councils to generate their specific neonatal resuscitation algorithms.

**Dustin Flannery** was appointed Assistant Professor of Pediatrics at the University of Pennsylvania Perelman School of Medicine.

**Nicolas Bamat** was appointed Assistant Professor of Pediatrics at the University of Pennsylvania Perelman School of Medicine.

In the last seven months, **Chavis Patterson** has worked with a generous donor who gave \$50,000 to establish the N/IICU Psychosocial and Developmental Support Fund. This fund will allow our team to continue its exceptional care for patients and their families during some of the hardest points in their lives.

**Anne Ades** gave a virtual plenary talk at the Korean Society for Simulation in Healthcare at their annual scientific meeting in November 2020.

**Dustin Flannery** was awarded a K08 Mentored Clinical Scientist Research Career Development Award from AHRQ.

**Rebecca Simmons** was awarded a March of Dimes grant to study the effects of COVID-19 on placenta function.

*Nemours at Thomas Jefferson University  
Hospital, Philadelphia*

**Dave Carola** received his Master's in Healthcare Quality and Safety from Jefferson College of Population Health at Thomas Jefferson University.

*Penn State Hershey Children's Hospital*

**Tammy Corr** has been accepted into the Society of Pediatric Research.

**Jeffery Kaiser** is pleased to announce the movement of our NICU and Maternal Health inpatient units to the freestanding Children's Hospital this past November. The new unit is a hybrid unit with space for up to 56 patients. All of the staff were involved with the move under the leadership of **Dennis Mjuscce** as well as **Jill Arnold** and **Ashley Friccone**.

**Lulu Murray**, in conjunction with nutrition and pharmacy, has developed a new breastmilk lab and system for providing breastmilk for all of our babies.

*St. Christopher's Hospital for Children,  
Philadelphia*

On September 11, 2020, **Maria Delivoria-Papadopoulos** passed away after a brief battle with cancer. Dr. Delivoria-Papadopoulos was a Professor of Pediatrics, Physiology, and Obstetrics/Gynecology at Drexel University College of Medicine and Director of Neonatal

Intensive Care at St. Christopher's Hospital for Children. She devoted her life to the care of newborns and was a true pioneer in the field of neonatal critical care. During decades of an incredible career, her passion for clinical care and research were matched only by her dedication to mentorship and training, having shaped the lives and careers of numerous clinicians and scientists over her tenure. On January 29, 2021 from 12:00-3:00pm EST, a virtual memorial will be held via a Zoom webinar. For registration: [https://drexel.zoom.us/webinar/register/WN\\_Hr11-nbjTe-z6u8h7uPmjQ](https://drexel.zoom.us/webinar/register/WN_Hr11-nbjTe-z6u8h7uPmjQ). We hope you will be able to join us to remember the Mother of Neonatology.

Division Chief **Alison Carey** is PI on a recently awarded R01 from NIAID NIH, "Mechanisms of Age-specific Differences in the Type I IFN Response to Respiratory Viral Infection." This three-year grant seeks to determine how the Type I IFN response to influenza virus can impact morbidity in the infant.

**Shadi Malaeb** is a co-investigator on a recently awarded Combat Readiness Medical Research Program Rapid Development and Translational Research Award from the Department of Defense, "Portable Diffuse Optical Sensors for Point-of-Care Monitoring in Prolonged Field Care." This grant seeks to develop a portable, point-of-care multi-function near infrared spectroscopy system to monitor cerebral blood flow and cerebral edema after hypoxia and hemorrhagic shock.

Medical Director **Ogechukwu Menkiti** was awarded the 2020 Oksana Korzeniowski Patient Care Award from Drexel University College of Medicine. This award is presented to a faculty member who has demonstrated outstanding skills and commitment in the clinical care of patients, and through their teaching, has substantially improved the skills and knowledge of residents, students and colleagues.

**Sruthi Polavarapu** has been named the Director of the Fellow Core Curriculum at St. Christopher's Hospital for Children. In this role, Dr. Polavarapu will develop a curriculum according to the ABP Content Specifications and ACGME Pediatric Subspecialty Program Requirements including research methodology, ethics, professionalism, proficiency in teaching, and other pertinent topics.

Abington Hospital has partnered with the Neonatal-Perinatal Fellowship at St. Christopher's Hospital for Children. Fellows will divide their time evenly between St. Christopher's Level IV NICU and Abington's Level III NICU and delivery room. **Endla Anday** is the Program Site Director at Abington.

#### WEST VIRGINIA

*Marshall Pediatrics, Huntington*

**Joseph Werthammer** continues to serve as special advisor to Dean Joseph Shapiro and continues to inspire neonatology, NICU and associated programs at Marshall Pediatrics.

**Bobby Miller** has been appointed Associate Chair of Academics by the Interim Chair of Pediatrics.

**Susie Flesher**, a former NICU nurse and Pediatric Residency Program Director, has established Marshall's Pediatric Fellowship Program in Pediatric Hospitalist Medicine and serves as Director of the Program.

The Neonatal Division at Hoops Family Children's Hospital at Cabell Huntington Hospital welcomed its new Division Chief and NICU Director, **Balaji Govindaswami**, who was appointed as Professor and Endowed Chair of Preventative and Addiction Medicine and Associate Chair of Pediatric Research at Marshall Pediatrics. He will also serve as Professor of Clinical and Translational Sciences in Marshall's Office of Research and Graduate Education.

**Rebecca Barnett** has been appointed Director of High Risk Infant Follow-up for Marshall Pediatrics, the regional NICU and associated programs.

**Cynthia Massey** will assume full-time clinical obligations at the Hoops Regional NICU and associated curriculum development for the clinical rotations for the medical students from the Marshall Joan C. Edwards School of Medicine.

**Jodi (Pitsenbarger) Plumley** has been appointed Director of the Well Baby Nursery and the Neonatal Therapeutic Unit with 20 beds dedicated to Neonatal Opiate Withdrawal Syndrome. She replaces **Sean Loudin** who has returned to South Carolina after many exemplary years of leadership at Marshall Pediatrics.

**Luke Damron** will join the neonatal faculty in July 2021 upon completion of fellowship training in Indiana and **Alicia Heyward** will join our Division in July 2022 upon completion of fellowship training at Rainbow Babies and Children's in Cleveland.

#### DISTRICT IV: Brian Hackett

#### NORTH CAROLINA

*Brody School of Medicine/East Carolina University, Greenville*

**Uduak Akpan** is the NICU Quality Director, effective July 2020.

**John Kohler** was elected to SPR membership in November 2020.

Neonatology fellow **Katherine Taylor** is graduating in December 2020 and will be joining our faculty at Brody School of Medicine/East Carolina University.

*Duke, Durham*

**Samia Aleem** graduated from our Fellowship Program and Duke's Master's Degree in Health Sciences in Clinical Research Program in July and joined us as Duke's newest faculty neonatologist. She developed our Division's first

twitter handle (@DukeNeonatology) in addition to her clinical research work.

**Samia Aleem** led the Duke fellows in the first annual Perinatal Section 52in52 competition, originated last year by **John Zupancic**. John sent out an important RCT publication from the Neonatology archives each week, 52 of them, for fellows around the country to read. The program was a lot of fun, delivered important information on why we do what we do (or continue with uncertainty), and allowed older faculty to tell stories about the characters who led the clinical trials from the "olden days."

Our cardiology colleagues have begun to work with us to use the catheter closure method for premature infants with a symptomatic patent ductus arteriosus.

We are looking forward to expansion of our Intensive Care Nursery from 67 to 81 beds in the next 12 months as Duke Children's expands most services into a new patient care tower.

**Sharla Rent** has begun her studies toward a Master's degree in Global Health at Duke's Global Health Institute. Sharla and senior fellow, **Laura Miller**, have welcomed the high fidelity SimBaby Paul to our teaching resources and have implemented multidisciplinary sim-teaching sessions in our day-to-day work.

We have started enrollment in the NICHD NRN Cycled Phototherapy randomized trial for extremely preterm infants, looking at using either continuous phototherapy, or phototherapy that turns off intermittently each hour for a period of time (<https://clinicaltrials.gov/ct2/show/NCT03927833>).

We are working with the NRN on modifying Network policies and procedures to allow non-NRN sites to participate in individual trials, and hope to have updates on this by the next Newsletter.

We have also begun our participation in the NICHD-sponsored study of the Eat, Sleep Console approach to opiate weaning (<https://clinicaltrials.gov/ct2/show/NCT04057820>), with **Rachel Greenberg** leading the study's coordinating center. **Bill Malcolm** is leading our local multidisciplinary effort.

We will see the last baby for follow-up from our phase I study of allogeneic cord tissue mesenchymal stromal cells in December, so results should be available soon.

*University of North Carolina, Chapel Hill*

**Jackie Patterson** received an NICHD Phased Innovation Award for "An Integrated mHealth Strategy to Improve Newborn Resuscitation in Low- and Lower Middle-Income Countries." She was also elected for membership in the Society for Pediatric Research and received the UNC School of Medicine 2020 James W. Woods Award, which recognizes outstanding junior faculty members.

The Perinatal Quality Collaborative of North Carolina, PQCNC, led by **Marty McCaffrey**, has received funding from the North Carolina Division of Medical Assistance to support its

cLOUDi initiative (Comprehensively Lessening Opioid Use Disorder Impact on Moms and Babies). PQCNC is the facilitator for AIM projects in North Carolina and cLOUDi will be addressing care of mothers and babies in the prenatal through the postpartum period. Currently 41 hospitals are enrolled in this project, which launches in January 2021. While focused on care in North Carolina, PQCNC welcomes the opportunity to support and facilitate hospitals or health systems from other states wishing to join cLOUDi. If interested, cLOUDi resources are available on our website. If interested in joining please send us a contact note using the PQCNC site [www.pqcnc.org](http://www.pqcnc.org).

**Susan Lynch** has joined the UNC Division of Neonatal-Perinatal Medicine as the Medical Director of NICU Follow-Up.

**Laura Reniker** has joined the UNC Division of Neonatal-Perinatal Medicine as the Medical Director for Nash UNC Health Care Special Care Nurse in Rocky Mount, NC.

In December 2020, a book will be published by MacKeith Press titled *Extremely Preterm Birth and its Consequences*. UNC Neonatology played a prominent role in this book. **Mike O'Shea** is one of the Editors and **Genny Taylor**, **Matt Laughon**, and **Wes Jackson** are chapter authors.

#### SOUTH CAROLINA

*Medical University of South Carolina, Charleston*

We are thrilled to welcome our newest colleague, **Katie Chetta**, to the Medical University of South Carolina! She trained at Baylor College of Medicine and completed fellowship at UT Houston. Katie brings new energy for human milk and nutrition research to an already outstanding team.

MUSC Shawn Jenkins Children's Hospital was honored to receive the platinum-level Award for Excellence in Life Support from the Extracorporeal Life Support Organization (ELSO). We were one of eight children's hospitals to receive this award. The ECLS program at Shawn Jenkin's Children's Hospital provides support to infants and children in the Neonatal, Pediatric Cardiothoracic, and Pediatric Intensive Care Units.

#### TENNESSEE

*University of Tennessee Health Science Center/Region One Health/Le Bonheur Children's Hospital, Memphis*

**Karis Browder** joined as a new faculty member in September 2020. She completed her fellowship at UT Houston.

**Joe Pierre** has joined the Division of Neonatology as a faculty member starting July 2020.

**Mimily Harsono** was promoted to Associate Professor of Pediatrics, UTHSC, starting July 2020.

The 3rd International PDA Symposium was held virtually on October 9, 2020. Jointly hosted by

the Divisions of Neonatology and Pediatric Cardiology, **Mark Weems** moderated the sessions in this well-attended virtual seminar.

**Ramabsubareddy Dhanireddy** was invited to give a presentation at Peds PLACE at Arkansas Children's Hospital on July 16, 2020 and at Arkansas Breastfeeding Symposium hosted by UAMS on "Human Milk Feeding in NICU" on November 6, 2020.

**Ajay J. Talati** gave a virtual Grand Rounds at University of Calgary on November 3, 2020. He also moderated the PAS virtual session on Neonatal Infectious Diseases/Immunology: Sepsis and Chorioamnionitis on August 4, 2020.

*Vanderbilt University Medical Center, Nashville*

**Jeffrey Reese** was elected as Fellow of the American Association for the Advancement of Science for distinguished contributions to the field of reproductive biology and fetal vascular development, particularly for insights into prostaglandin signaling and fetal-maternal communication during pregnancy.

**Jeffrey Reese** organized the November 2020 AAP Perinatal and Developmental Medicine Conference for NPM and MFM fellows on "Clinical Implications of Molecular Medicine in Neonatal and Perinatal Practice," featuring presentations by **Michael Georgieff** (Neonatology, University of Minnesota), **Pankaj Agrawal** (Neonatology, Harvard), **Emily Su** (MFM, University of Colorado), and **Laurie Steiner** (Neonatology, University of Rochester).

**Jeffrey Reese** is a co-investigator on a new NIH award to **Rizia Bardhan** (Iowa State University) entitled, "PRADA: Portable Reusable Accurate Diagnostics with nanoAntennas for Multiplexed Biomarker Screening of Preterm Labor."

**Jennifer Sucre** received the 2020 American Thoracic Society Assembly on Respiratory Cell and Molecular Biology Recognition of Early Academic Achievement Award (REAAch) for her research on the molecular and cell biology of bronchopulmonary dysplasia.

**Elaine Shelton** was awarded her first R01 from NIH/NICHHD for her project titled, "Pharmacological Validation of Vascular KATP Channels for Modulating Ductus Arteriosus Tone."

**Lauren Sanlorenzo** was chosen by our fellows to receive the 4th annual Bill Walsh Fellows' Teaching Award for excellence in bedside teaching.

**Stephen Patrick** was part of a group of the nation's leading experts in addiction research, treatment, and policy that released a comprehensive report outlining recommendations for addressing the opioid crisis in "Evidence Based Strategies for Abatement of Harms from the Opioid Epidemic" (<https://www.lac.org/resource/evidence-based-strategies-for-abatement-of-harms-from-the-o>). This work was sponsored by Arnold Ventures and the Legal Action Center.

Fellowship Program Director **Maria Krakauer** led the NICU Code/Mock Code QI team in enhanced efficacy, winning the Vanderbilt University Medical Center Elevate Team Award.

**Scott Guthrie** spoke at an international conference in Amman, Jordan in early March. Topics covered were: Improving care in the NICU, neonatal dermatology, and management of hypotension. He also helped organize a virtual international conference for neonatologists in Baku, Azerbaijan in the fall. This included additional US physicians as well as Turkish colleagues. He spoke on bronchopulmonary dysplasia and seizures.

The Vanderbilt Children's Hospital expanded its capacity to 107 beds in March by opening the Big Machine Neighborhood, a new NICU wing on the new 11th floor of the Vanderbilt Children's Hospital.

Save the date! **Hendrik Weitkamp** and the Mildred Stahlman Division of Neonatology will host the Annual Neonatology Symposium Advances and Controversies in Neonatal Medicine, celebrating 40 years of continuing medical education in Nashville, TN on November 11-12, 2021. Guest faculty will include **Brenda Poindexter**, **Judy Aschner**, **John Dagle**, **David Askenazi** and **John D. Lantos**. Join us for state-of-the-art presentations providing updates on the pathophysiology and management of congenital heart disease, neonatal acute kidney injury, neonatal lung disease, and extreme prematurity; neonatal nutrition and its importance for long-term outcomes of premature infants; nutritional and other external factors determining severity and resolution of chronic lung disease; differential diagnoses of challenging neonatal radiologic case studies; bioethics and shared decision making in the NICU; application of precision medicine in the NICU; and advances in the care of neonates with cleft lip and palate. This interactive symposium is targeted to neonatologists, nurses, fellows, NNPs, respiratory therapists, nutritionists, and others. CME and CNE credits will be provided. With hope that the pandemic is behind us all, we look forward to seeing you in 2021 in Nashville! For further information on content and registration, contact Angie Tune ([angietune@vumc.org](mailto:angietune@vumc.org)).

#### VIRGINIA

*Henrico Doctor's Hospital, Richmond*

Henrico Doctors' Hospital serves the greater Richmond and central Virginia area, and provides neonatal intensive care in a 40-bed single-patient room unit. Our team of neonatologists now includes **Cory Balint** (joining us from fellowship training at UPMC), **Shahida Chowdhury** (joining us from Georgetown), **Alex Holt** (joining us from Tallahassee Memorial Healthcare), **Jason Pryor** (joining us from Carilion in Roanoke), **Kate Ryan-Smith** (joining us from fellowship training at Duke), and **Art Shepard** (joining us from Trident Health in Charleston).



University of Virginia, Charlottesville

**Karen Fairchild** was awarded a grant from the UVA Trans-University Microbiome Initiative to study “Preterm Infant Inflammation and Intestinal Microbiome (PRIISM): Impact on Neurodevelopmental Outcomes.”

**David Kaufman** spoke at the 9th International Conference on Clinical Neonatology (from Torino, Italy) on “Can We Prevent UTIs in Preterm Infants” and at the Virtual Neonatal Nursing Conference of Doernbecher Children’s Hospital at OHSU on “Can I Prevent and Diagnose NEC?”

#### DISTRICT V: Beena Sood

#### MICHIGAN

*Michigan Medicine, Ann Arbor*

**Steven M. Donn** has been named a Fellow of the American Association of Respiratory Care.

#### OHIO

*Cincinnati Children’s Hospital Medical Center*

On October 16, 2020, the Perinatal Institute held the 19th Annual Regional Perinatal Summit. This year’s topic was, “Advances in Perinatal Genetic Diagnostics.” Keynote speaker **Britton Rink**, MFM and Clinical Genetics and Genomics, Mount Carmel Health Systems, Nationwide Children’s Hospital, discussed the development, current uses, and future direction of noninvasive prenatal testing (NIPT). **Diana Bianchi**, Director, Eunice Kennedy Shriver NICHD and Chair, Prenatal Genomics and Therapy Section for the Medical Genetics Branch at NHGRI, NIH, discussed researching prenatal therapy to improve neurocognition in fetuses with Down Syndrome. Other speakers from CCHMC included **Donna Maria Cortezzo**, **Robert Hopkin**, **Kara Beth Markham**, **Leandra Tolusso**, **Kristen Suhrie**, **Daniel Swarr**, and **Scott L. Wexelblatt**. Go to <https://cchmc.cloud-cme.com> for a recording of the Perinatal Summit.

On November 6, 2020, the Perinatal Institute of Cincinnati Children’s and GLAD House held the 5th annual conference presented by the Collaborative for Children of Addicted Parents (CCAP). This year’s topic was “Building Resiliency in Children of Addicted Parents.” Go to <https://cchmc.cloud-cme.com> for a recording of the CCAP Conference.

NeoFest 2021 will be held virtually on March 5, 2021. The topic will be “Improving Neonatal Health through Outcomes Research.”

Presentations topics will be: “What is Outcomes Research” by **Heather Kaplan**; “Application of Local NICU Outcomes Research and Quality Improvement” by **Nicole Boswell** and **Amy Nathan**; “Using the NICU Wisely” by **Erika Edwards**, Director of Data Science, Vermont Oxford Network; and “Family Integrated Care” by **Kathleen Robson**, NICU Parent Coordinator, Sunnybrook Health Sciences Center, Toronto, Canada. Registration will open

in early January 2021 at: <https://cchmc.cloud-cme.com>. For further information, please contact the Cincinnati Children’s CME office at [CME@cchmc.org](mailto:CME@cchmc.org).

We welcomed the following new faculty and staff physicians this fall: **Andreas Damianos**, **Matthew Gillen**, **Aditi Gupta**, **Annemarie Kelly**, **Katsuaki Kojima**, **Megan Ranck**, **Cara Slagle**, and **Emily Willey**.

**Alan Jobe** received the 2020 Daniel Drake Award from the University of Cincinnati Medical Center.

Neonatal-Perinatal fellow **Timothy Wang** received the 2020 Marshall Klaus Award from the AAP for his project, “Role of IL-22 in Alveolar Repair and Regeneration in the Setting of Neonatal Bacterial Pneumonia.”

**Jaе Kim** spoke at the Ibero American Society of Neonatology (SIBEN) XVII Annual Neonatal Congress on, “The Value of Mother’s Milk in Supporting Premature Infant Nutrition.”

Within the Department of Neonatology and Pulmonary Biology at Cincinnati Children’s, these physicians received promotions: **Beth Haberman** (Professor) and **Danielle Parham** (Assistant Professor).

**Stefanie Riddle** was named Neonatal Director of the Fetal Care Center of Cincinnati.

**Alan Jobe** retired from Professor of Pediatrics and is now Professor Emeritus at the University of Cincinnati College of Medicine. He will volunteer on occasion as a visiting research scientist at Cincinnati Children’s Hospital Medical Center, Division of Pulmonary Biology.

**Kristen Suhrie** has accepted a new position at Riley Children’s Health of Indiana University Health.

**Amy Rule** was appointed to the AAP Section on Global Health, Abstract Co-Chair.

*Nationwide Children’s Hospital/The Ohio State University, Columbus*

**George El-Ferzli** completed his Master’s of Business Operational Excellence (MBOE) at Ohio State University and his Six Sigma Black Belt certification. He also graduated from the Faculty Leadership Institute Program at OSU and received the Ruberg Award through the Institute for being the most collaborative and enthusiastic participant.

**George El-Ferzli** has launched a telehealth program for care of the outpatient BPD patient.

**Dan Mallese**, a practicing BPD neonatologist at Nationwide Children’s Hospital, completed a pulmonary fellowship.

*ProMedica Russell J. Ebeid Children’s Hospital, Toledo*

ProMedica Toledo Children’s Hospital has changed its name to ProMedica Russell J. Ebeid Children’s Hospital.

This year we welcomed a new associate, **Bonisha Sthapit**. Dr. Sthapit completed her residency at Case Western Reserve University MetroHealth Medical Center in Cleveland and

her fellowship at the University of Illinois in Chicago.

We say goodbye to **Vedagiri Mohan** who is retiring after 35 years. He will be missed.

*Rainbow Babies and Children’s Hospital, Cleveland*

**Richard Martin’s** absent travel schedule has been replaced with international Zoom talks to Australia, Mexico, Iran and Switzerland. He is hoping to resume traveling in June to the Soros Foundation/Columbia University sponsored symposium for neonatologists from Eastern European and West Asian countries in Salzburg, Austria.

Our Neonatology Advanced Practice Provider Group has welcomed neonatal hospitalists **Merlin Pinto** and **Sneha Butala**, and NNP’s **Harun Abukar**, **Julie Jensen Delfavero**, **Adrianna Hayek** and **Kathryn Tekavec**.

Fellow **Cara Beth Carr** received an internal GME award for the educational component of her POCUS research project.

3rd-year fellow **Steve Conlon** was awarded Best Presentation honors at the virtual national Perinatal and Developmental Medicine Symposium in November.

With the leadership of **Ana Ribeiro**, our NICU participated in a national Read-A-Thon in honor of **Ann Reitenbach**, our long-time NICU Head Nurse Manager who passed away in 2020. We received more than 1300 book donations and were 6th among NICUs during the event.

**Zeyar Htun**, 3rd-year fellow, received a Little Giraffe Award for his research, “Caffeine’s Dose-Dependent Effects on Macrophage Inflammatory Response.”

Fellow **Sarah Jordan-Crowe** presented at the Academy of Breastfeeding Medicine meeting.

2nd-year fellow **Anna Benson** was selected for the ONTPD National Neonatology Curriculum Executive Committee. **Cara Beth Carr** is on the Junior Committee.

#### District VI: Joshua Petrik

Please save the date November 1-3, 2021 for the 2021 Children’s Hospitals Neonatal Consortium (CHNC) Annual Symposium. Registration will be available in mid-2021. For more information on the 2020 Symposium, please see our website: <https://thechnc.org/>

Save the date September 9-10, 2021 for the 14th Annual Conference Controversies in Neonatal and Perinatal Clinical Care. The conference will be virtual in 2021 and we hope to gather in person in downtown Chicago in 2022.

#### ILLINOIS

*Ann and Robert H. Lurie Children’s Hospital, Chicago*

We wish our graduated fellows well in their new endeavors: **Katie Hanson** (St. Louis University), **Kendall Ulbrich** (Northshore Hospital),

Evanston, IL), and **Aaron Weiss** (Nemours Children's, Orlando, FL).

We welcomed new fellows **Katherine Bean** (Mayo Clinic), **Tonia Branche** (UT Southwestern Medical Center), **Ashley Kimble** (UPMC Children's Hospital of Pittsburgh), and **Anne Smazal** (Baylor).

**Ryan Carpenter** won the Trainee with Exemplary Professionalism award for Lurie Children's Hospital.

**Monti Sharma** and his mentor, **Karen Mestan**, were awarded TL1 funding for his project "Cord Blood Monocytes as Potential Mediators and Cellular Targets for Placental-Mediated Fetal Growth Restriction."

**Nana Matoba** was promoted to Associate Professor.

**Karen Mestan** and **Karna Murthy** were promoted to Professor.

**Jill Chang** received a NIH Mentored Clinical Scientist Research Career Development Award for "Corticospinal Tract Development in Intrauterine Growth Restriction." This project will utilize a novel murine model of IUGR with and without postnatal hyperoxia exposure to evaluate neurologic injury using cutting edge sequencing, in vivo imaging, and motor testing techniques. Findings will have implications for the development of neuroprotective therapies for cerebral palsy and other neuromotor impairments that result from perinatal brain injury.

**James Collins** received the William Silverman Lectureship Award from the AAP. He was also an invited speaker this year at Hot Topics Conference and University of Minnesota and Lurie Children's Pediatric Grand Rounds to discuss "The Social Determinants of the Racial Disparity in Adverse Birth Outcomes: Zip Code Eclipses Genetic Code."

**Jessica Fry** received a NUCATS grant that supports her study with **Kerri Machut** of parental perspectives of family support and engagement in the NICU.

**Arika Gupta** was inducted into the Feinberg Academy of Medical Educators.

**Kerri Machut** became the Co-Chair for the Children's Hospitals Neonatal Consortium's Transitions of Care Focus Group. She also received a grant from Pampers, and along with **Kenny Kronforst**, developed a program to support NICU families experiencing visitation barriers by connecting them to their infants and healthcare team via telemedicine.

**Max Mathias**, 3rd-year fellow, was the recipient of the 2020 Midwest Society for Pediatric Research Jack Metcalf Award for his presentation entitled, "Extracellular Superoxide Dismutase May Protect Nitric Oxide Signaling but Does Not Prevent Pulmonary Parenchymal or Vascular Remodeling during Prolonged Neonatal Hyperoxia Exposure in Mice". His mentor is **Marta Perez**.

**Karna Murthy** is the Chair of the Children's Hospitals Neonatal Consortium, which hosted

its 2020 Annual Symposium virtually with >400 attendees on October 21-22. Save the date for next year's Symposium, November 1-3, 2021.

**Malika Shah** was appointed as the Chapter Breastfeeding Coordinator for the state of Illinois.

Led by **Megan Lagoski**, **Nic Porta**, and multiple Steering Committee members, the Lurie Bronchopulmonary Dysplasia Program continues to grow and launched its primary clinical service in September 2020. The Program works on providing early cardiorespiratory stability and developmentally focused care.

The 2nd annual Midwest Neonatal Simulation Boot Camp occurred at Lurie Children's Hospital on July 10, 2020, led by a multi-center team including Lurie leads **Arika Gupta** and **Shamik Trivedi**. Due to COVID-19, the program was fully virtual. The one-day simulation-based boot camp's objectives were for 1st-year fellows to learn and refresh cognitive and technical skills commonly required in the delivery room and NICU and to practice critical communication skills important during procedures and high stakes situations. The day consisted of eight procedural stations taught virtually by instructors from eight academic programs. The fellows participating from these programs had a local facilitator available to them to help aid the virtual teacher. A total of 16 fellows from eight academic programs in three Midwest states (Illinois, Minnesota, Wisconsin) attended. In addition, 17 faculty from across the region led and facilitated the procedural stations and simulation sessions.

*University of Illinois Chicago*

**Lily Lou** joined the Neonatology Division at UIC in October 2020 as Professor of Clinical Pediatrics as well as Director of Government Relations for the Department of Pediatrics. She also began her term as Chair of the SONPM in November. Prior to moving to Chicago, she practiced neonatology in Anchorage, AK, where she served as Chief Medical Officer and State Health Official for Alaska DHSS, Executive Medical Director of The Children's Hospital at Providence (TCHAP), Chair of Pediatrics at TCHAP, NICU Medical Director and AAP Alaska Chapter President.

**Shannon Murphy** serves as the Manager of the NICU Hospitalist Team and Director of the Healthy Steps Program based at UIC.

**Saurabh Patel**, Assistant Professor of Pediatrics, is pursuing an MBA at UIC. Dr. Patel is the Section liaison to the Section of Cardiology and serves as the Director of the Complex NICU Admission Planning Workgroup.

**De-Ann M. Pillers** is a co-investigator on two NIH R01s related to the use of photoacoustic imaging to investigate brain injury in premature infants.

**Aarti Raghavan** is the Director of Patient Safety Leadership Training Programs. These programs include the Master's degree, certificate and non-certificate credit courses.

**Phornphat (Paul) Rasamimari** is enrolled in a MS in Clinical and Translational Research Program at UIC. He is the site co-PI on the Shire/Takeda Footprints Study.

**Joann Romano-Keeler** has been acting as the point-person on clinical activities related to COVID-19 in the NICU. She is also the Medical Director of the NICU Transport Team and has joined the NPM fellowship leadership team as an Assistant Director and oversees the scholarly activities of the fellows.

**Arvind Shukla** will be retiring from UIC and his distinguished career in neonatology on December 31, 2020.

**Nishant Srinivasan** serves as the site PI for the Preterm Erythropoietin Neuroprotection Trial (PENUT) that is currently in its follow-up phase. He is also Director of NICU Palliative Care and was appointed as Director of Simulation for the Department of Pediatrics.

**Nicole Glaser** and **Zaynab Kadhem** are active as Clinical Research Coordinators in the Section of Neonatology and have been joined by **Desmona (Mona) Strahan**.

**Joann Sorce** was appointed as the Executive Director of the UIC IDPH Administrative Perinatal Center. **Desmona Strahan** was recently appointed as the Data Coordinator.

## IOWA

*University of Iowa, Iowa City*

The Division of Neonatology welcomed **Jennifer Bermick** as an Associate Professor of Pediatrics. Dr. Bermick joins us from the University of Michigan, where she established her research program focusing on the epigenetic regulation of the neonatal immune system and the impact of early life inflammatory exposures on neonatal immune system development and function. Jenni was recently awarded two R01 grants to investigate the neonatal immune system and will join the highly regarded Iowa inflammation group.

The Division of Neonatology welcomes **Timothy Boly** (University of Iowa), **Mohamed Al-Kanjo** (Brookdale Hospital in Brooklyn) and **Stephania Cavallaro Moronta** (Holtz Children's Hospital in Miami) as 1st-year fellows.

**Tarah Colaizy** was appointed to the Institutional Research Board as a representative of the Department of Pediatrics.

**Adrienne Rahde Bischoff** was appointed as Junior Section President-Elect of the Midwest Society for Pediatric Research

**Timothy Elgin** was the successful recipient of a grant from the Savvy Ferentz grant competition to investigate "Design, Development and Beta Testing of Web-Based Premature Infant Resuscitation Navigation Application to Inform Mothers' Experience Prior to Resuscitation in the Delivery Room."

**Julie Lindower** and **Patrick McNamara** were awarded the Children's Miracle Network grant to support participation in the Children's Hospital Neonatal Consortium starting in 2021.

**Heidi Harmon** and **Danielle Rios** were elected to the Society for Pediatric Research.

**Steve McElroy** was elected to Society for Reproductive Investigation.

**Patrick McNamara** launched the Neonatal Hemodynamics Specialty Interest Group at the American Society of Echocardiography and chairs the newly formed Executive Committee. Updating the 2011 Targeted Neonatal Echocardiography Guidelines is the highest priority for the Committee, which also plans to explore the development of a cardiac POCUS module.

The Pan-American Hemodynamics Collaborative continues to provide quarterly webinars. Interested members should reach out to [regan-giesinger@uiowa.edu](mailto:regan-giesinger@uiowa.edu).

The Neonatal Hemodynamics Program launched monthly case-based webinars for hemodynamics faculty, scientists or trainees engaged in hemodynamics. Interested members should reach out to [adrienne-r-bischoff@uiowa.edu](mailto:adrienne-r-bischoff@uiowa.edu).

Iowa Neonatology Day 2020, even with the challenges of COVID-19 and the need for a virtual interface, was an incredible success with its largest attendance in years. The renewed program included modules which focused on fundamental basic and clinical science, QI, programmatic advancements within the state, and innovations in neonatology (hemodynamics, neurocritical care). The plenary speaker was **Steve Abman** (Children's Hospital Colorado) who provided state-of-the-art updates on chronic pulmonary hypertension and its impact on child health. The Organizing Committee, led by **Steve McElroy**, included members from Blank Children's Hospital in Des Moines, (**Gary Yuille**), St Luke's Hospital (**Angie Hanson**), Mercy One Des Moines (**Cary Murphy**) and uOWA Stead Family Children's Hospital (**Danielle Rios**, **John Dagle**) and has laid a strong platform for future meetings.

UI Stead Family Children's Hospital's Transport Program was expanded to include a 24/7 dedicated neonatology faculty-led service, with plans to recruit a dedicated pediatric manager for the Program and new team personnel.

**Jonathan Klein** and **Patrick McNamara** continue to deliver national and international lectures on care of the extremely preterm infant and neonatal hemodynamics.

**Steve McElroy** spoke at international NEC conferences in the UK and Brazil.

**Regan Giesinger**, **Danielle Rios** and **Adrienne Bischoff** were faculty speakers at both the NCE and NEOHEART meetings.

**Brady Thomas** has launched a POCUS program in collaboration with the Neonatal Hemodynamics Team.

**Regan Giesinger** was selected to serve on the leadership team for the American Society of Echocardiography Neonatal Hemodynamics TnECHO Specialty Interest Group.

**Danielle Rios** was designated a diplomate certified in clinical pharmacology by the American Board of Clinical Pharmacology.

The McElroy lab is proud to recognize graduate student **Shiloh Leuschow** for receiving the MWSPR Student Award.

**Edward Bell** and fellow **Matt Rysavy** were involved with updating the NICHD/VON extremely preterm birth outcomes tool that can be found at <https://www.nichd.nih.gov/research/supported/EPBO>.

The Division of Neonatology would like to recognize **Jeff Murray** for his long history of mentorship and dedication to research at the University of Iowa as he retires. Jeff is nationally and internationally regarded as a research pioneer, and most importantly, a human being of the highest quality. He will be sorely missed!

## KANSAS

*Sunflower Neonatology Associates, Overland Park*

The HCA Midwest Health Neonatal Critical Care Transport Team received full accreditation from the Commission on Accreditation of Medical Transport Systems (CAMTS). They are the first neonatal-only transport team in the country and first HCA transport team to be accredited by CAMTS. The Executive Leadership for the team is comprised of **Amy Gould**, **Beth Schump**, **Missy Garmon**, **Jenny Heiting**, and **Robert Holcomb**.

**Robert Holcomb** is Chair, Section on Transport Medicine (SOTM). In an effort to keep critical care transport teams safe while operating during this pandemic, the Section provided guidance regarding coronavirus in an FAQ format through the AAP COVID-19 website. As part of the 2020 virtual AAP NCE, the SOTM held its Scientific Session through which it awarded the first-ever SOTM Trainee Research Grant, a \$2500 grant to be used by a fellow in training for research in the field of transport medicine.

## MINNESOTA

*Children's Minnesota, Minneapolis/St. Paul*

We are delighted to welcome **Tara Zamora** back to the team at Children's as Medical Director of the Level IV Minneapolis NICU. She most recently was the Medical Director of the Level IV unit at the University of New Mexico Children's Hospital.

*Mayo Clinic, Rochester*

**Dennis Costakos** presented at the American Medical Federation for Medical Research in February 2020 about new mobile application to estimate the risk of rebound neonatal hyperbilirubinemia. The mobile application is now available in the Apple app store.

**Dennis Costakos** presented at the virtual AAP NCE meeting on "High Prevalence of Neural Tube Defects in a Rural Hispanic Population: Call to Action."

## MISSOURI

*Children's Mercy Hospital, Kansas City*

The Division of Neonatology at Children's Mercy Kansas City is celebrating the completion of the Children's Mercy Research Institute's (CMRI) state-of-the-art research tower. Investigators from the Division move into the space in December 2020.

The Division said goodbye, with deep gratitude and respect, to **Eugenia Pallotto**, who is taking the position as Division Director, Neonatology at Levine Children's, Atrium Health in Charlotte, NC. The Division has tapped several talented faculty member to replace roles vacated by Dr. Pallotto. **Julie Weiner** will serve as the Children's Mercy Kansas City Level 4 NICU Medical Director. **Dena Hubbard** will direct the quality and safety activities across the entire Division. **John Daniel** will become the Neonatal ECMO Medical Director.

**Alain Cuna** has been awarded a NIDDK K08 to study "Gene-Environment Interactions in Necrotizing Enterocolitis: Impact of SIGIRR Mutation and Gut Microbiota on Intestinal TLR Hyperactivity." Dr. Cuna continues to work under the mentorship of **Venkatesh Sampath** in the Neonatal Diseases Research Program.

**Brian Carter**, who holds the Marjorie and William Sirridge Endowed Chair in Medical Humanities and Bioethics, became the Chairman of the Department of Medical Humanities and Bioethics at the University of Missouri-Kansas City School of Medicine in September 2020.

**Brian Carter** co-authored the *Handbook of Perinatal and Neonatal Palliative Care*, which is the first interdisciplinary clinical handbook on perinatal palliative care.

**Brian Carter** was invited to present the 25th Annual Sanford L. Leikin Memorial Lecture at Children's National Medical Center on "Ethics and Professionalism for Pediatricians." He also was invited to present topics addressing ethics and palliative care for the Neonatology Association of Colombia as part of their International Course in Neonatology.

**Tamora Lewis** and **William Truog** received a R21 from NICHD to study variable steroid response in infants with BPD. They will use pharmacogenomics and pharmacometabolomics to identify a subset of infants with the most favorable risk/benefit ratio.

**William Truog** continues to play a vital role on the national BPD Collaborative, now serving as the Secretary/Treasurer of the Executive Committee.

We welcome our incoming fellows: **Maribel Martinez** (Louisiana State Health, Shreveport, LA), **Susan McAnany** (Children's Mercy Kansas City), and **Jacob Ward** (Children's Mercy Kansas City).

**Jotishna Sharma** will begin serving as the Medical Staff Secretary/Treasurer in January 2021, which will place her on the path to



become the Medical Staff President in four years.

The following Division members were recently promoted at the University of Missouri Kansas City School of Medicine: **Tamorah Lewis** to Associate Professor and **Jodi Jackson, Jotishna Sharma, Winston Manimtim** and **Steve Olsen** to Professor.

*Washington University in St. Louis*

Our St. Louis Children's Hospital ECMO Program, led by ECMO Co-Medical Director, **Tasnim Najaf**, received a 2020 Gold Level ELSO Award for Excellence in Life Support from the Extracorporeal Life Support Organization.

**Danielle Alfano** was selected as a 2020 Dean's Scholar for her research entitled, "ADAM10 and Endothelial Dysfunction in Sepsis."

**Zachary Vesoulis** received grant funding from the Cerebral Palsy Alliance Research Foundation for his project "NIRS Monitoring to Stop Injury."

**Misty Good** guest edited a special issue with the NEC Society highlighting the work presented at this year's NEC Symposium, which was published in the September issue of Pediatric Research.

Several of our faculty received promotions this fall. **Joan Downy** was promoted to Professor of Pediatrics on the Clinician Track. **Jagruiti Anadkat** was promoted to Associate Professor of Pediatrics on the Clinician Track. **Jennifer Wambach** was promoted to Associate Professor with tenure on the Investigator Track.

Fellow **Lila Nolan**, mentored by **Misty Good**, received the 2020 Midwest Society for Pediatric Research Frederic M. Kenny Memorial Award for the most outstanding fellow research presentation. She was also the recipient of the 2020 SPR Basic Research Award for Fellows and was named President-Elect for the SPR Junior Section.

**D. Taylor Hendrixson** received the Best Fellow Abstract in Clinical Research Award from the Wash U Department of Pediatrics Annual Research Retreat for his abstract titled "Use of a Novel Supplementary Food and Measures to Control Inflammation in Undernourished Pregnant Women in Sierra Leone to Improve Birth Outcomes: A Prospective, Randomized, Controlled Clinical Effectiveness Trial."

## NEBRASKA

*Children's Omaha*

**Brian Jones** will be joining the Division of Neonatology at University of Nebraska Medical Center/Omaha Children's Hospital in the summer of 2021 after graduation from the fellowship program at University of Iowa Children's Hospital.

Please join our half-day virtual conference New Frontiers in Neonatal Care on March 5, 2021. The theme of the day is care of the small baby and managing the periviable infant. For registration: [www.childrensomaha.org](http://www.childrensomaha.org).

## WISCONSIN

*University of Wisconsin, Madison*

**Matthew Harer** was awarded a New Investigator research grant from the Wisconsin Partnership Program to further investigate the use of renal NIRS monitoring and urinary metabolomic biomarkers to diagnosis preterm neonatal acute kidney injury.

**Michael Porte** has taken on the role of Treasurer for the District VI Association of Neonatologists and helped plan for the annual conference Controversies in Neonatal and Perinatal Clinical Care.

We congratulate **Pamela Kling** on her clinical retirement after many years of incredible patient care. Fortunately, she continues at the University of Wisconsin School of Medicine and Public Health, mentoring our neonatal fellows and participating in many research projects.

We congratulate **Neena Shah** on her retirement after many years of clinical service (15 years with at UW) and her leadership as our site QI coordinator as a member of the Vermont Oxford Network.

**Doug Dean III** was awarded a grant from the Office of the Vice Chancellor for Research and Graduate Education's Pilot Research Core Revitalization Program for "Computing Resources for Rapid Reconstruction and Analysis of Next Generation Magnetic Resonance."

**Nina Menda** obtained her Master's degree in Healthcare Quality and Patient Safety from Northwestern University and was named a Top Teacher by University of Wisconsin medical students and pediatric residents.

**Jasmine Zapata** was honored with the Wisconsin Medical Society Foundation's 2020 Superhero of Medicine award.

**Frank R. Greer** received the lifetime achievement award, The Callon Leonard Award, which is the highest award given by the Wisconsin Association for Perinatal Care.

**Adam S. Bauer** has accepted a position as an Associate Program Director of the Pediatrics Residency at the University of Wisconsin and was awarded Simulationist of the Year by the University of Wisconsin Clinical Simulation Program.

Congratulations to **Ryan Meinen** for finishing his fellowship and starting as a staff neonatologist at Children's Minnesota.

Welcome to our two new fellows, **Henry Zapata Galarza** and **Ashleigh Rushing**.

**C. Lydia Wraight** has accepted the position of Fellowship Director of the University of Wisconsin Neonatal-Perinatal Program.

We welcome **Angie Maginn** to our APP team.

## District VII: Clara Song

## ARKANSAS

*University of Arkansas for Medical Sciences/Arkansas Children's Hospital, Little Rock*

The Section of Neonatology at UAMS welcomes **Matthew Merves**, who joins us as an Associate Professor of Pediatrics. Dr. Merves comes from Emory University in Atlanta.

Congratulations to our now board-certified neonatologists: **David Matlock, Jennifer Rumpel, Stephanie Korff, and Ankita Shukla**.

## LOUISIANA

*LSU Health, Shreveport*

**Maroun Mhanna**, board-certified in neonatology and pediatric critical care, has joined as Chairman of Pediatrics.

Additional neonatologists at Ochsner-LSUHSC-S hospital include **Nitin Walyat** (NICU Director), **Shabih Manzar**, and **Maria Gabriela Dominguez Garcia**. **Ramchandra Bhatt** will join in May 2021.

**Arun Pramanik** has been elected to the AAP's Section on Advances in Therapeutics and Technology. He has also been nominated as COFN liaison to the Neonatal Resuscitation Program Steering Committee.

## MISSISSIPPI

*University of Mississippi, Jackson*

We bid farewell to our graduating fellow, **Marco Loayza**, who moved to the Milwaukee area to join the Newborn Care Physicians of Southeast Wisconsin.

We are excited to welcome our newest faculty member, **Ira Holla**. Dr. Holla joined us in July after completing her fellowship at Rainbow Babies and Children's Hospital in Cleveland.

**Nilesh Dankhara** and **Tasha Coleman** have been named as Chief Fellows.

**Jagdish Desai** was promoted to Associate Professor in the Division of Newborn Medicine and also appointed Quality Director for the NICU. His research interests include QI projects to optimize neonatal outcomes, neonatal cardiovascular physiology, and epidemiology/database research.

**Lauren Tucker**, who is a hospitalist in the Division of Newborn Medicine, was promoted to Associate Professor. Her research interests include Neonatal Opioid Withdrawal Syndrome and QI projects in late preterm and term newborns.

**Sara Brewer**, also a neonatal hospitalist in the Division was recently selected as one of our state's AAP Chapter Champions for the Early Hearing Detection Intervention (EHDI) Program. Her research interests include newborn wellness and safety and immunizations.

**Marla Johnson** was appointed Associate Residency Program Director for the Department of Pediatrics.

**Becca Moore** was appointed M-4 rotation coordinator in the Division of Newborn Medicine.

**Parvash Garg** has been elected to SPR membership.

**Pradeep Alur's** scholarly session submission, "Individualized Neonatal Care: Sex-Specific Approach Matters!" has been selected by the PAS Program Committee for presentation.

Our NICU moved to a new unit in the Sanderson Tower with 88 single-family rooms (92 beds) on November 4. Seventy babies were moved and 185 volunteers were involved in the process that took four hours. We also opened our 10-bed Small Baby Unit on the same day.

#### OKLAHOMA

*University of Oklahoma, Oklahoma City*

The Section on Neonatal-Perinatal Medicine at the University of Oklahoma Health Sciences Center welcomes fellows **Talha Ahmed, Tamara Alexander, and Viktoria Stewart.**

We also welcome the following faculty members: **Lora Baily-Downs, Kathryn Burge, Elizabeth Douville, Jolyn Fernandes, Gaston Ofman, Tavleen Sandhu, and Peter Vitiello.**

Congratulations to our board-certified neonatologists: **Erynn Bergner, Abhrajit Ganguly, Aarthi Gunasekaran, Samuel Levin, and Marjorie Makoni.**

**Marilyn Escobedo** finished her term as the inaugural Chair of Women in Neonatology (WiN) of the AAP SONPM. She will continue to serve as Past-Chair of WiN.

**Clara Song** chaired the first-ever virtual SONPM Program at the AAP NCE this past October.

**Edgardo Szyld** is the new Co-Chair of the Neonatal Resuscitation Writing Group for the AAP/American Heart Association for Neonatal Life Support.

#### TEXAS

*Baylor College of Medicine, Houston*

**Margo A. Cox** has retired from Baylor College of Medicine after many years of service.

**Charleta Guillory** was appointed in July to serve on the AAP Committee on Fetus and Newborn. She was also voted to become the President-Elect for the Texas Pediatric Society.

In September, **Charleta Guillory** received the Norton Rose Fulbright Faculty Excellence Award.

**Christopher Rhee** was promoted to Associate Professor in the Department of Pediatrics, Baylor College of Medicine.

**Mohan Pammi** was elected to the American Pediatric Society.

**Michael E. Speer** stepped down as Chair of the Texas Collaborative for Healthy Mothers and

Babies and will serve over the next two years as the Immediate Past Chair.

**K. Suresh Gautham** gave the Billy F. Andrews invited lectureship on "Diagnostic Errors in Pediatrics" at the Department of Pediatrics, University of Louisville, KY.

We are extremely sad to announce that **Diane Anderson** passed away peacefully on October 12, 2020 in Houston. She was a beloved member of the Section of Neonatology at Baylor College of Medicine/Texas Children's Hospital for 20 years and was a true pioneer in the field of neonatal nutrition. She was one of the first neonatal dietitians in the United States and the only person to hold a Maternal and Child Health Training Grant for neonatal dietitians for over 20 consecutive years. She organized a National Neonatal Nutrition Conference attended by hundreds each year. The Dr. Diane Anderson Memorial Neonatal Nutrition Fund was created to honor her legacy. *Dallas South Pediatric Neonatology Practice*

**Arpitha Chiruvolu** was nominated to the College of Medicine Texas A&M University Medical Scholar Research Advisory Committee as a representative of the Baylor University Medical Center Dallas Campus. She will be serving on the Committee for three years beginning in January 2021.

*University of Texas at Austin/Dell Children's Medical Center*

**Ashley Lucke** was appointed as an early career member to the AAP Committee on Fetus and Newborn and as a member of the Texas Pediatric Society Executive Legislative Committee.

*UT Southwestern Medical Center, Dallas*

**Luc Brion** was nominated for UTSW Leaders in Excellence Mentoring Award.

**Lina Chalak** was promoted to Professor of Pediatrics

**Becky Ennis** was nominated for UTSW Leaders in Clinical Excellence Patient Family Recognition Award and the Program Development Award.

**Becky Ennis** was featured on Dallas Morning News, ABC13 Houston, Fox4 News, CBS Dallas, and KTVT in reporting on a quadruplet delivery.

**Venkat Kakkilaya** was promoted to Associate Professor of Pediatrics.

**Vishal Kapadia** was promoted to Associate Professor of Pediatrics and won First Prize for his platform presentation at the Virtual Regional Research Conference in May 2020.

**Rashmin Savani** was Faculty Mentor for the Perinatal Research Society NIH Sponsored Young Investigator Workshop.

**Rashmin Savani** was invited to join the March of Dimes National Medical Science Committee and was elected as Vice Chair of the Executive Committee of the Texas Collaborative for Healthy Mothers and Babies.

**Rashmin Savani** was awarded a two-year grant by Mallinckrodt Pharmaceuticals, Inc.

**Julide Sisman** published the first evidence of in utero transmission of SARS-CoV-2. The story was carried by NBC, The New York Times, and KERA North Texas Public Radio.

**Myra Wyckoff** was recognized as Woman in Neonatology WiN Beneath Your Wings.

The Children's Health Neonatal-Perinatal Medicine Program was re-designated as a Level IV NICU by Department of State Health Services, TX.

The Clements University Hospital Neonatal-Perinatal Program celebrated the successful delivery and care of quadruplets delivered to a mother who had previous brain surgery and was awarded Press Ganey's Guardian of Excellence for Patient Experience Award.

#### District VIII: James Barry

As with many things, due to COVID, the 44th Annual District VIII Conference, which was to be held in beautiful and enchanting Santa Fe, NM, was postponed. The Conference Chairs and Planning Committee have been working diligently to get things back on track and provide an exceptional learning and collaborative conference that will take place June 17-20th, 2021. The Conference Chairs are **Vlad Ianus**, Associate Professor of Pediatrics at the University of New Mexico, and **Tara Dupont**, Associate Professor of Pediatrics University of Utah Health. <https://district8sonpm.org/santa-fe-new-mexico/>

#### ALASKA

*Providence Alaska Medical Center, Anchorage*

**Denise Jones** has joined Providence Alaska Medical Center, having finished her residency and fellowship at the University of North Carolina School of Medicine, Chapel Hill, NC.

**Wayne Stillick** completed his neonatology fellowship at Case Western Reserve University/Rainbow Babies and Children's Hospital and will be joining Providence Alaska Medical Center in January.

**Evelyn Rider**, the Practice Director, has taken on the mantle of Medical Director of the NICU at Providence Alaska Medical Center.

#### COLORADO

*University of Colorado School of Medicine/Children's Hospital Colorado, Aurora*

**Stephanie Bourque** was recently selected for the inaugural class of the Academic Pediatric Association's Health Policy Scholars Program.

**Laura D. Brown** was named a Senior Faculty member of the University of Colorado Center for Women's Health Research.

**Cassidy Delaney** has been awarded a five-year grant from NHLBI as a project leader on the research Program Project Grant (P01-HL152961) titled, "Complement-Driven Platelet

Activation in Pulmonary Vascular Remodeling and Pulmonary Hypertension.” The project examines the mechanisms by which complement-activated platelets drive endothelial activation and monocyte/macrophage proinflammatory differentiation and recruitment, promoting vascular remodeling in pulmonary hypertension.

**Susan Hwang** has been named the inaugural holder of the Lula O. Lubchenco Chair in Neonatal-Perinatal Medicine. She received this award as Dr. Hwang embodies the spirit of Dr. Lu. Dr. Lu made historical contributions to the regionalization of perinatal care, family-integrated care, inter-professional collaboration, and assessment of outcomes across the continuum from prenatal life to adulthood. Dr. Hwang has done outstanding work on topics of safe sleep (as part of NeoQIC), care for the substance exposed newborn (ChoSEN), and making family-centered care and disparities a focus in multi-state and multicenter collaborative care (DEFINE Colorado).

**Susan Niermeyer** is on the AAP Helping Babies Survive Planning Group to put educational materials for essential newborn care on a digital platform (ENC Now!) that enables remote facilitation in low- and middle-income countries.

**Susan Niermeyer** is a member of the WHO Newborn Measurement Expert Review Group that will help to define global coverage indicators for essential interventions such as kangaroo care, antenatal corticosteroids, antibiotic treatment of presumed severe bacterial infection, and neonatal resuscitation. These will be incorporated in a revised Every Newborn Action Plan Measurement Roadmap.

**Paul Rozance** has been elected as Secretary/Treasurer of the Society for Reproductive Investigation.

**Clyde Wright** received a Pilot and Feasibility Study award as part of the NIH/NIDDK-funded UC Denver Diabetes Research Center to study the relationship between ER stress, innate immune signaling and B-cell injury.

**Clyde Wright** has been appointed to the ABP Sub-Board of Neonatal-Perinatal Medicine and has been named to the Editorial Board of NeoReviews.

Fellow **Rebecca Shay** was awarded the Children’s Hospital Colorado Clinical and Operational Effectiveness and Patient Safety Grant to improve patient safety during non-emergent neonatal intubation.

**Rebecca Shay** was recognized as the Gerald B. Merenstein Award Recipient. This award is presented to the fellow in Neonatal-Perinatal Medicine who best emulates the qualities exemplified by Dr. Merenstein: Shows deep respect towards all patients, parents, colleagues, nurses, students, and self; and has great integrity.

**Rebecca Shay** received recognition as 2nd-year Fellow Poster Winner for the 2020 on-line Pediatric Spring Poster Session and received a

Top Five Quality and Safety Poster Award during the Quality and Safety Symposium at University of Colorado Hospital.

Fellow **Alicia White** was awarded the 2020 WSPR Mead Johnson Nutrition Merit Research Award, which is presented to the top scoring abstract submitted to WSPR in the Neonatology Perinatal Biology category.

#### HAWAII

*Kaiser Permanente Moanalua Medical Center, Honolulu*

**Han Tjoeng** recently joined the Division of Neonatology at Kaiser Permanente Moanalua Medical Center.

*Kapiolani Medical Center, Honolulu*

**Melanie Jacobsen** recently completed her Neonatal-Perinatal Medicine training in New York and has joined the Division of Neonatology at Kapiolani Medical Center.

**Ashley Cowan**, neonatal hospitalist at Kapiolani Medical Center, completed the John A. Burns School of Medicine Fellowship in Medical Education.

#### MONTANA

The 45th Annual District VIII Perinatal Meeting will be held in beautiful Big Sky, MT. It is now scheduled a year later for June 16-19, 2022 due to COVID-19. It will be a great event! Please join us for great learning and unsurpassed adventure.

#### OREGON

*Asante Physician Partners, Medford*

This fall we were excited to welcome **Shelly Haug** to our practice. Dr. Haug joins us from Mountain States Neonatology at Eastern Idaho Regional Medical Center in Idaho Falls, ID.

We are also excited to welcome **Danielle Deines**, who will be joining our practice this spring. Dr. Deines joins us after spending the last two years as a neonatologist at Carilion Roanoke Memorial Hospital, Roanoke, VA.

We congratulate **Sarah Kahn** on stepping into the role of Assistant Medical Director of Neonatology. She will be working alongside **Jackie Wilk** who continues in the role of Medical Director.

**Pushkar Wadgaonkar** will be retiring this spring after many years of service to the Medford, OR community to pursue his many interests outside neonatology.

*Oregon Health Sciences University, Portland*

**Cindy McEvoy** was awarded an NIH R33HL147906 grant “Extending CPAP Therapy in Stable Preterm Infants to Increase Lung Growth and Function: A Randomized Controlled Trial.”

**Emily Carter** was accepted into the Oregon Health and Science University Education Scholars Program, a yearlong certificate program where she will develop a foundation in educational theory and methods, as well as

participate in a collaborative network of educational leaders across the institution.

#### UTAH

*Intermountain Healthcare/Primary Children’s Hospital/University of Utah, Salt Lake City*

Along with Intermountain Healthcare and Primary Children’s Hospital, the Department of Pediatrics at the University of Utah recently hosted the first Heart Matters Conference. Among the speakers was our own **Christian Con Yost**.

The Invited Professor Series, coordinated by **Jessica Davidson**, has hosted outstanding presentations from **Satyan Lakshminrusimha** and **Jill Maron**. We look forward to hosting upcoming speakers **Jochen Profit** and **Karen Puopolo**.

**Whitley Hulse**, a 2nd-year fellow, graduated from the Intermountain Healthcare Delivery Institute’s Advanced Training Program in Quality and Safety.

The 2nd Annual Robert Christensen Lecture featured **Sunny Juul** from the University of Washington.

This summer we welcomed **Matt Douglass** and **Michelle Yang** to our faculty. Both recently graduated fellowship from the University of Utah.

We also welcomed **Nick Carr** to our faculty from Brook Army Medical Center in San Antonio.

**Belinda Chan** has been appointed an Adjunct Assistant Professor of Radiology.

Our new class of fellows are **Ariel Tarrell**, **Adrienne Cohen**, **Allie Fisher**, and **Sam Zoucha**.

We congratulate and wish all the best to our recently graduated fellow **Kristina Gulliver**.

#### WASHINGTON

*University of Washington School of Medicine, Seattle*

**Taylor Sawyer** was selected to serve on the International Liaison Committee on Resuscitation (ILCOR) Education, Implementation, and Teams (EIT) Task Force. The ILCOR provides a consensus mechanism by which international science and knowledge relevant to emergency cardiac care are identified and reviewed. The ILCOR sponsors continuous evidence reviews to support the development of Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science with Treatment Recommendations (COSTR) documents that create the foundation for educational programs like NRP.

After 25 years in Florida, **Jose Perez** joined our group as Co-Director of the Regional Neonatal Outreach Program and Medical Director of the NICU at Swedish Issaquah Medical Center.

**Sara Berkelhamer** moved to Seattle from Buffalo, NY and joined the University of



Washington as Associate Professor of Pediatrics.

**Shilpi Chabra** was promoted to Professor of Pediatrics at the University of Washington.

**District XI:  
Alexis Davis**

**CALIFORNIA**

*California Association of Neonatologists (CAN)*

The 27th Annual CAN/AAP District IX Section on Neonatal Perinatal Medicine Conference, Cool Topics in Neonatology, and the California Perinatal Quality Care Collaborative (CPQCC) Pre-Conference will be held virtually on March 5-7, 2021. CAN President **Robert Kahle** and the Planning Committee have put together a great agenda focused on the management of the extremely low birth weight (ELBW) infant. Events will kick off Friday evening with a keynote lecture by **Annemarie Stroustrup** on "NICU Care in the Midst of a Pandemic, The Impact of COVID-19 on the NICU: Staff, Patient and Family Perspectives." The following day, speakers will address several important topics: Management of high-risk pregnancy; prenatal consult at the threshold of viability; respiratory support in the delivery room; respiratory management of the periviable infant; cardiovascular support of the ELBW infant including BP management, targeted neonatal echocardiography, and PDA management; pulmonary hypoplasia and pulmonary hypertension; and antibiotic stewardship opportunities in neonates. Sunday sessions will focus on neuroprotection strategies for prevention of IVH in the ELBW infant and strategies for prevention of ROP. The Conference will conclude with the presentation of the fluid and electrolyte management of the ELBW infant and discussion of the NEST trial focused on NEC/SIP. Please visit <https://www.cme.ucla.edu> for more details.

The 17th annual Life after Fellowship Workshop will also be held virtually on Friday, March 5, 2021 as part of the annual Cool Topics in Neonatology meeting. The Workshop is jointly sponsored by CAN, District IX SONPM, Harbor UCLA, and TECaN. The Workshop will focus on various types of neonatology practice such as academic, private, and full-time vs. part-time, as well as topics like as interviewing skills for a job, financial concerns, and learning about the business aspects of neonatology. Pre-registration is required.

*California Perinatal Quality Care Collaborative (CPQCC)*

Our thoughts are with all of the healthcare workers on the front lines during this challenging time. CPQCC is committed to providing the highest level of support to those caring for pregnant women and newborns across the state during the pandemic, including through our COVID-19 webinar series and resource website.

Recordings of our three most recent Supporting Your Perinatal Units during COVID-19 webinars

are also available on our website: "Health Equity for California Latinx Communities" (9/29/20, available in Spanish with a text translation of the webinar audio accompanying the translated slides), "Breastfeeding Guidance" (9/10/20), "Evolving Guidance" (8/21/20). We will continue to update our COVID-19 resource website with the latest organizational recommendations, patient resources, and data as it becomes available.

On September 30, the CPQCC QI collaborative component of the Mother and Baby Substance Exposure Initiative ended. The Initiative was a partnership between CPQCC, the California Maternal Quality Care Collaborative, and Health Management Associates to improve outcomes for mothers and newborns impacted by substance exposure, with a specific focus on Opioid Use Disorder. The Initiative emphasized care that maintains the mother-baby dyad throughout the hospital stay and addresses treatment and prevention of substance exposure during and after pregnancy. Funded by the California Department of Health Care Services as part of a Substance Abuse and Mental Health Services Administration State Opioid Response grant, the Initiative included a statewide collaborative involving obstetric and neonatal teams at 37 hospitals and the development of an interactive online toolkit on perinatal substance exposure for maternal and newborn care providers.

*Cedars-Sinai Medical Center, Los Angeles*

**Kurlen Payton** transitioned into the Interim Director of the NICU role as of July 1.

Cedars-Sinai Health Network and Providence Cedars-Sinai Tarzana Medical Center started a partnership (see below).

**Kurlen Payton**, in collaboration with **Henry Lee (CPQCC)**, **Peter Mendel (RAND)**, and **Ken Zangwill** (The Lundquist Institute/Harbor UCLA), is directing a federally funded 30 NICU multi-site antibiotic stewardship collaborative targeting safe reduction of antibiotic utilization in NICU patients of all gestational ages. The collaborative kicks off in January 2021. The project will include study of stewardship activities/improvement, implementation, cost, and vignette research methodology to describe antibiotic decision variation. The implementation includes a blended model, including Extension for Community Health Outcomes tele-mentoring platform and traditional Institute for Healthcare Improvement model for improvement methods.

Cedars-Sinai Division of Neonatology is also partnering with Harbor UCLA Medical Center NICU as an affiliated site for the Harbor UCLA Neonatal-Perinatal Medicine Fellowship Program, with fellows starting in July 2021.

*Children's Hospital of Orange County/University of California Irvine*

Our affiliation with UCI has brought about greater integration with all faculty, collaboration on the call schedule and continued clinical program development. **Vijay Dhar** serves as the overall Division Chief for both CHOC and UCI

and is part of the leadership of the joint Perinatal Neonatal Operating Committee.

**Cherry Uy** continues to serve as the UCI NICU Medical Director. We are pleased to announce and welcome our largest recruitment of nine new neonatologists: **AnnaMarie Arias-Shah**, **Anne Zepeda-Tiscareno**, **Anu Chundu** (joint recruitment with UCI), **Loren Yaeger**, **Sameeja Iqbal**, **Vladana Milisavljevic**, **Grant Shafer**, **Monalisa Patel**, and **Kari Bruce**.

We have completed formal affiliations with two new hospital partners. St. Francis Medical Center, part of the Prime Healthcare System, began in September. Medical Director **Kamakshi Devarajan** is leading our efforts for delivering high quality care at this important community hospital. **Vladana Milisavljevic** was recruited as the Chief of Neonatal Services for the Hoag Health System, which includes both Hoag Newport Beach and Hoag Irvine. We will begin neonatal coverage at Hoag Irvine in December 2020.

**Amir Ashrafi** and **John Cleary** were active contributors to the Neonatal Heart Society in organizing NeoHeart 2020, a global virtual event in partnership with Columbia University/Morgan Stanley Children's Hospital held October 27-30, 2020.

**Robert Hillyard** has joined the CHOC Telehealth team as Co-Director, bringing his experience in telehealth to expand the CHOC program.

*East Bay Newborn Specialists: UCSF Benioff Children's Hospital Oakland, Alta Bates Summit Medical Center Berkeley, John Muir Medical Center Walnut Creek*

**Kim Grelli**, who completed her fellowship training at the University of California, San Francisco has joined our group.

We welcome **Vidya Pai**, who completed her fellowship training at Stanford University and then served on the faculty at Stanford.

**Katherine Wu**, who completed her fellowship training at the University of California, San Francisco has joined our group.

**Jennifer Levy** has rejoined our neonatology group to work full-time after living abroad the past five years in Singapore and London.

**Alex Espinoza** was the NICU Medical Director at Alta Bates Summit Medical Center in Berkeley from 2011-2020. He will be joining the neonatology group at North Bay Medical Center, Fairfield, CA.

**Jaime Tannenbaum** was with the group for 26 years and was the Medical Director of the ECMO program at UCSF Benioff Children's Hospital Oakland for the past four years. She is beginning the next phase of her career as the NICU Medical Director at Eisenhower Medical Center, Rancho Mirage, CA.

On October 1, **Leslie Lusk** became the Co-Medical Director of the ECMO program at UCSF Benioff Children's Hospital Oakland.

*Good Samaritan Hospital, San Jose*

We are pleased to announce that **Ish Gulati** joined our group in December.

**Pui Lai** has assumed the role of Director of Neonatal Transport Services at Good Samaritan.

*Harbor UCLA Medical Center, Torrance*

Welcome to **Sirisha Perugu**, who joined our clinical faculty. Dr. Perugu returns to Harbor-UCLA after practicing at Children's Hospital Orange County for nine years. She has received Education in Palliative and End of Life Care and Palliative Care Education and Practice trainer certification from Harvard Medical School.

We also welcome **Denise Alam**, who joined the Neonatal Division as an Associate Professor-in-Residence. Prior to her move, Dr. Alam was at Saban Research Institute, Keck School of Medicine at USC, for more than 10 years.

Congratulations to **Lynne Smith** on receiving the UC Davis School of Medicine Alumni Association's Distinguished Alumnus Award 2020. This award recognizes an alumna for contributions to society and/or for outstanding achievements in medicine.

**Soina Dargan** has been named Division Chief of Pediatric Hospital Medicine of the Department of Pediatrics and Director of Pediatric Informatics at Harbor-UCLA.

**Kathy Kuniyoshi** has been appointed to the membership of the Education Subcommittee of Perinatal QI Panel for CPQCC. She was also named a member of the Institute for Women's and Children's Health at the Lundquist Institute.

Congratulations to our graduating fellow, **Sheila Kalyanam**, who has joined the faculty at Children's Hospital of Orange County.

We welcome **Meghan Moroze**, our incoming fellow, who completed her residency through the UC Irvine program.

Congratulations to our recent graduates, **Amir Ansari, Jung Hwang, Cindy Lee, Muneesh Mehra, and Himanshu Singh**.

*Keck School of Medicine of the University of Southern California/LAC+USC Medical Center, Los Angeles*

**Amey M. Yeh** joined our faculty in January after completing her fellowship with us. She has been appointed the Director of Fellowship Education.

**Rangasamy Ramanathan** was in China in early February and ran the first course on functional echocardiography in China, using a virtual 3-D HiFi simulator. **Mahmood Ebrahimi** was co-faculty for this course.

**Bijan Siassi** is the Director of Point of Care Echocardiography (POCE) in the Neonate and the Director of Program for Development of Neonatal Echocardiographic Simulation. This program offers three levels of ultrasound training: 1) A five-day comprehensive echocardiography course as an introduction to

POCE, 2) Basic training in POCE, 3) Advanced training in POCE.

**Manoj Biniwale** was elected to the District IX Council for the SONPM in 2020.

**Rowena Cayabyab** was elected to represent SW Region for California Association of Neonatologists.

Our Fellowship Program website has been updated: <https://uscneonatology.com>.

We have six new fellows who joined us in July: **Daniel Cho** (UCLA), **Fatima Eskandar-Afshari** (Loyola University Chicago), **Sheema Gaffar** (Eastern Virginia Medical School), **Abigail Leathe** (NYP Columbia), **Manas Tatarbe** (Saint Louis University), and **Juan Velasquez Lopez** (Lincoln Medical and Mental Health Center).

Our six graduated fellows are **Theodore De Beritto**, who joined UCLA; **Maria Gabriela Dominguez Garcia**, who joined LSU Shreveport; **Kelsey Goodman Donoho**, who went to Texas; **Evan Sander**, who joined his father's neonatology practice in Tennessee; and **Loren Fox Yaeger** and **Anne Zepeda**, both of whom joined Children's Hospital Orange County.

*Naval Medical Center San Diego*

**Dale Bule** retired in 2019 and **Jamie Overby** took over as Director.

**Lisa Peterson** continues as Neonatology Specialty Advisor to the Navy Surgeon General. She also very briefly deployed on the USNS Mercy when it went to Los Angeles in the first wave of the COVID-19 pandemic.

*Providence Cedars-Sinai Tarzana Medical Center*

On July 1, Providence Cedars-Sinai Tarzana Medical Center's (PCSTMC) inpatient pediatrics programs started a new partnership with Cedars-Sinai Health Network, which includes coverage for the NICU, PICU, and general pediatric floor. The partnership includes Cedars-Sinai Division of Neonatology and Tarzana Neonatology Group collaborating as employees of Cedars-Sinai. **Shervin Rabizadeh**, Cedars-Sinai Interim Chair of Department of Pediatrics, and **Kurlen Payton**, Cedars-Sinai NICU Interim Medical Director, led the transition towards this joint venture with PCSTMC NICU Medical Director, **Roxanne Arcinue**, and her neonatology colleagues **Celia Alconcel, Scott Beasley, Jeanne Ruderman, Debra Stern, and Hsiang-Fen (Frances) Su**.

*Santa Clara Valley Medical Center*

**Yassar Arain** joined the Santa Clara Valley Medical Center's team of neonatologists on April 20. He obtained his medical degree from Oregon Health and Science University and completed his residency and fellowship at Stanford University. He started his career as a neonatologist at UC San Diego is now at SCVMC as a junior faculty member. He has a strong background in informatics, earned his Epic physician builder certification last year, and is the developer of the Premie BiliTool app. Dr.

Arain is the neonatal informaticist for the Division of Neonatology and the Director of Neonatal Education.

*Sharp Mary Birch Hospital for Women and Newborns, San Diego*

Members of the Neonatal Research Institute and San Diego Neonatology gave several talks at major international and nation meetings including at Hot Topics in Neonatology, International Birth Assistance Symposium (Brazil), NeoHeart, the European Academic Pediatric Society, E-Proinfantis International (Poland), the Spanish Neonatal Society, the Union of European Neonatal and Perinatal Societies webinar, and Hospital Español de Mexico.

*Stanford University*

The AAP announced **William Benitz** as the 2020 recipient of the Avroy Fanaroff Neonatal Education Award.

This summer, **Arun Gupta** was appointed by the AAP Board of Directors to assist in editing and co-authoring the revised AAP interim guidance on the "Management of Infants Born to Mothers with Suspected or Confirmed COVID-19."

**Jadene Wong** was invited to give a presentation on newborn toxicology screens at the annual Pediatric Hospital Medicine conference, held virtually this on July 20-24.

**Arun Gupta** co-chaired the Planning Committee for a one-day conference, Hot Topics in Newborn Medicine for the Pediatric Hospitalist. This virtual conference was sponsored by the AAP Section on Hospital Medicine and held on July 27 in conjunction with the Pediatric Hospital Medicine conference. Faculty speakers included several members of our Division's neonatal hospitalist group: **Arun Gupta, Nichole Wang, Elizabeth Blecharczyk, Neha Joshi, and Chandani DeZure**. Topics covered included CMV screening, cord blood gas management, early onset sepsis, neonatal abstinence syndrome, and COVID and newborns.

**Stephanie Miller** was promoted to Clinical Associate Professor on September 1.

**Valerie Chock** was awarded the prestigious Harman Faculty Scholar Award from Stanford's Maternal and Child Health Research Institute. The Award will provide Dr. Chock with \$100,000/year in funding for three years to study targeted cerebral oxygen saturations in preterm infants.

We would like to announce that the Therapeutic Hypothermia for Infants with Mild Encephalopathy (TIME) study is open for enrollment as of November 2. This trial is a multi-center Phase I/II study to determine if therapeutic hypothermia (TH) is safe and provides benefit for newborns with mild HIE.

**Sonia Bonifacio** is the PI and **Krisa Van Neurs** in the Co-PI. Other investigators include **Henry Lee, Susan Hintz, and Courtney Wusthoff**. It will be conducted at five hospitals in California,

including Lucile Packard Children's Hospital Stanford. The TIME study will randomize 68 neonates to either treatment with TH or normothermia with neurodevelopmental follow-up at 12-14 months of age.

*UCLA Division of Neonatology and Developmental Biology*

We recently welcomed two new faculty, **Jane Chung** and **Theodore De Beritto**. Dr. Chung completed her fellowship at Tufts Medical Center in Boston, MA, and Dr. De Beritto completed his fellowship at LAC+USC Medical Center and Children's Hospital Los Angeles.

Our 3rd-year fellow **Benjamin Macadangdang** received the prestigious Physician Scientist Development Award, which is a two-year grant to study the role of diversity generating retro elements in shaping GI bacterial flora.

3rd-year fellow, **Geoanna Bautista**, received a NIH-T32 training grant for her research on the role of Piezo-1 in bowel regeneration and lengthening.

2nd-year fellow **Katie Strobel** received a NIH T-32 training grant to study growth in neonates with congenital gastrointestinal anomalies, specifically gastroschisis. In addition, Dr. Strobel was accepted into UCLA's Specialty Training and Advanced Research Program and began pursuing a Master's of Science degree in Clinical Research this fall at UCLA.

In June, three of our fellows successfully completed our fellowship program. **Seth Langston** and **Sevini Shahbaz** both accepted positions at Cedars-Sinai Medical Center in Los Angeles. **Kathryn Sims** joined the Pediatric Medical Group in Texas.

Our Fellowship Program Director, **Josephine Enciso**, has served as the Western Society of Pediatrics (WSPR) President for 2020-2021. This year, alongside the WSPR leadership and council members, she had the opportunity to carry on the Society's mission of promoting the research efforts of both medical trainees and junior faculty through the planning of the upcoming virtual WSPR Conference on January 29-30, 2021.

### **The Section would like to thank the following sponsors:**

#### **Abbott Nutrition**

NeoReviews/NeoReviews Plus  
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Virginia Apgar Award  
Thomas Cone Jr History Lectureship  
L. Joseph Butterfield Lectureship  
Perinatal Spring Workshop  
Neonatal/Perinatal Fellows Conferences  
TECaN NCE & Workshop Travel Grants  
Gerald Merenstein Lecture  
Section Faculty Dinner  
NICHD Young Investigator Conference  
NCE Poster Session & Reception  
ONTPD Networking Session & Reception  
NeoPREP  
Apgar Award Dinner  
Women in Neonatology  
TECaN NCE & PAS Receptions

#### **Johnson & Johnson**

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Women in Neonatology  
Mid-Career Neonatologists (MidCaN)  
Klaus Grants  
Perinatal Spring Workshop  
4 Fellows Conferences on Perinatal Research  
Perinatal & Developmental Medicine Symposia (2)  
ONTPD Lunch at NCE

#### **Prolacta**

Women in Neonatology

*University of California San Diego/Rady Children's Hospital*

In October, the Division of Neonatology at UC San Diego and Rady Children's Hospital celebrated the tenure of **Lance Prince** as Division Chief. We congratulate Dr. Prince in his new role at Stanford University and thank him for his leadership.

**Nathaly Sweeney** has been accepted to participate in the National Center of Leadership in Academic Medicine (NCLAM) program. This is a Health Sciences professional development program with a mentoring component for junior faculty at UC San Diego. NCLAM helps junior faculty develop skills appropriate for their academic careers, implement a personal strategic plan, and expand their network of

colleagues within Health Sciences and the University.

**Neha Kumbhat** and **Anna Kaisa Niemi** have been awarded the 2020-2021 Endowed Rotating Chair in Clinical Excellence (ENRICH) to support their work. This is the first year of funding for Dr. Kumbhat, and Dr. Niemi received an additional year of support. The ENRICH award allows Dr. Kumbhat to pursue her investigative work focused on understanding and improving outcomes of extremely premature infants. Dr. Niemi continues her work on developing a Metabolic NICU, a multidisciplinary program dedicated to the diagnosis, management and research on neonatal metabolic disorders.

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**District X:**  
**Ravi Patel**

**ALABAMA**

*University of Alabama at Birmingham*

In July 2020, our Division welcomed new faculty members **Viral Jain**, **Nora Switchenko**, and **Kent Willis**.

**Namasivayam Ambalavanan** received the UAB's 2020 Dean's Excellence Award as a Senior Researcher in Neonatology.

**Nitin Arora** invented solutions to UAB's reusable PPE in June and is the recipient of Kaul Pediatric Research Institute Award.

**Allison Black** received the 2020 Golden Collaborative Award for her leadership on the Children's Hospital Neonatal Consortium (CHNC) project, ERASE Post-Op Pain, a developed algorithm for standardized post-operative pain management, which has seen a 20% decrease in pain management failures with no need for assisted ventilation.

**Carl Coghill** was appointed the first holder of the Waldemar A. Carlo MD Endowed Professorship in Clinical Neonatology. This endowed professorship recognizes the compassionate patient care and superior teaching Dr. Coghill exhibits.

**Albert Manasyan** raised money to create and distribute 40,000 masks and face shields in Zambia.

**Maran Ramani**, **Albert Manasyan** and **Ariel Salas** became members of the Pediatric Research Society.

**Ariel Salas** was selected for the Pediatric Research November issue Early Career Investigator Highlight by the Society for Pediatric Research.

**Brian Sims** was elected to membership in the American Pediatric Society.

**Kent Willis** received a K08 career development grant from the National Heart, Lung and Blood Institute of the NHI for his project titled, "The Gut-Lung Axis Influences the Development of Bronchopulmonary Dysplasia."

**Amelia Freeman**, a 2nd-year fellow, was selected by SPR to present her work at the Japan Pediatrics Society annual meeting on April 16-18, 2021. Dr. Freeman also received the 2020 SPR Fellow's Basic Research Award.

We had three new fellows join us this past July: **Jacqueline Razzaghy** (GHS), **Lucy Weaver** (UAB), and **Zaki Yazdi** (MUSC).

**FLORIDA**

*Brandon Regional Hospital, St. Petersburg*

**Angel Luciano** has moved back to the west coast of Florida from Advent Health Orlando and started as Medical Director of Neonatology at Brandon Regional Hospital, through an affiliation with Johns Hopkins All Children's Hospital in St. Petersburg.

Brandon Regional Hospital level III NICU in Brandon, FL is expanding from NICU 22 beds to 35 beds. Fourteen state-of-the-art single rooms will be available starting in December 2020.

*University of Florida Gainesville Campus*

**Josef Neu** was recognized by the University of Florida as the International Educator of the Year awardee, honoring his lifetime contributions to international education, including his role in IPOKRATES.

**Catalina Bazacliu** and **Lauren Ruoss** were awarded UF Faculty Enhancement Awards to gain further training in targeted neonatal ECHO at the University of Iowa.

The Faculty of the Division of Neonatology are excited to host **Annie Janvier** as the 28th Eitzman Visiting Professor, to be held virtually this year on January 21, 2021. This Professorship is now endowed and honors our founding faculty member, **Donald Eitzman**, who started the NICU at UF in 1962. Dr. Eitzman still remains active in medical student education and attends morning report daily.

**GEORGIA**

*Augusta University*

After nearly 30 years of service at the Medical College of Georgia, including 25 years as Division Chief, **Jatinder Bhatia** retired in June 2020. Dr. Bhatia was an internationally recognized leader in neonatal nutrition, authoring over 150 refereed manuscripts and book chapters during his esteemed career. His leadership and presence will be sorely missed.

**Paul Mann** was appointed Division Chief in July 2020, having served as Interim Chief since August 2019.

We welcomed **Rina Mosley** to our Division this summer from Floating Hospital for Children at Tufts Medical Center where she held an appointment as Instructor.

*Emory University School of Medicine and Children's Healthcare of Atlanta*

**Anthony Piazza** co-chaired, along with **Kris Reber**, the 2020 Children's Hospital Neonatal Consortium (CHNC) Annual Symposium in Atlanta from Oct 21-22, 2020.

**George Bugg** was awarded the Hidden Gems Award by the Emory University School of Medicine, highlighting his service to the University and patients at Grady Memorial Hospital. As noted by a colleague, "Everything he does is carried out quietly, thoughtfully, and with no requirement or expectation of recognition."

**Kimberly Parsons** was selected to be part of the Emory Professional Leadership Enrichment and Development Program.

**Ravi Patel** was appointed Director of Clinical Research for the Division of Neonatology.

The Division of Neonatology mourns the loss of **Ira Adams-Chapman**, who sadly passed away this past October. She was a dear colleague to many and a kind and compassionate advocate for infants and children. Dr. Chapman served as the Medical Director of our Developmental Progress Clinic and as follow-up Principal Investigator for the NICHD Neonatal Research Network. She is survived by her two children, Jordan and Julian.

*Wellstar Spalding Regional Hospital, Griffin*

**Jessica Daigle** was featured in a blog by Mednax on implicit bias and health disparities. The blog can be found at <https://blog.mednax.com/seeking-to-understand-differences-can-improve-patient-experiences>

**2021 Spring Workshop March 9-10***Continued from Page 14*

As always, the virtual conference will feature an exciting collection of speakers, interactive breakout sessions and thought-provoking talks. The topics are carefully selected to cater to a wide range of neonatology providers and all stages of neonatologists from trainees and early career to more senior neonatologists. The topics range from neonatal resuscitation (Satyan Lakshminrusimha and Anne Ades), bronchopulmonary dysplasia (Jason Woods and Haresh Kirpalani), building a strategic plan for your NICU (Richard Molteni), and the LEAN methodology (Jeff Kaas). In addition, Mark Hudak will be presenting data from the national perinatal COVID-19 (NPC-19) registry. We will also have outstanding Butterfield Lectures from the 2019 (Barbara Schmidt) and the 2020 (Betty Vohr) Apgar awardees.

I would like to thank all the Planning Committee members and the AAP staff who have worked hard during these difficult times to keep the educational offerings afloat and to re-organize the 2021 virtual meeting. The registration fee will be lower and we anticipate higher registration and participation. This meeting is truly unique and offers topics imperative to the practicing neonatologist. We hope to see many of you at the virtual meeting and look forward to your engagement and feedback!

## **National Association of Neonatal Nurses (NANN) and National Association of Neonatal Nurse Practitioners (NANNP) Report**

### **Media Esser PhD, NNP-BC, APNP, CWN**

#### **Neonatal Nurse Education, Research, and Clinical Resources**

NANN is collaborating with the ANA to update the Neonatal Scope and Standards of Practice.

The NANN Research Summit provided a successful 15th anniversary program virtually in September 2020. New in 2020 was the integration and provision of four doctoral-prepared mentors to work with the participants to provide feedback and support in the continuation of clinical inquiry in the NICU. Main topics included human milk and feeding, nursing care, educational initiatives, and nursing science. The next NANN Research Summit will be in Scottsdale, AZ scheduled for March 16-18, 2021. For more information about the 2020 and 2021 Summit:

<http://nann.org/education/research/research-summit>

The journal *Advances in Neonatal Care* celebrates its 20th anniversary this year. The impact factor of the journal continues to grow. Several editors were added to the Editorial Board including Dr. Leslie Parker. Several special issues were published in 2020: Palliative Care, NAS, and NEC, with a few manuscripts carrying over into 2021. For more information:

<https://journals.lww.com/advancesinneonatalcare/Pages/a-boutthejournal.aspx>

The 36th Annual NANN Education Conference was held virtually on October 21-23, 2020 and was the most successful conference thus far! Some of the 2020 conference topics may be purchased individually. Best of NANN session recordings make a great group educational opportunity for unit learning, lunch and learns, or chapter events. For special group pricing, contact NANN Member Services at (800) 451-3795 or [info@nann.org](mailto:info@nann.org). The 2021 37th Annual NANN Educational Conference will be held in Denver, CO. For more information:

<http://nann.org/education/annual-meeting/annual-meeting>. Abstract submission was opened in September and is set to close on January 7, 2021.

NANN members can distribute surveys to thousands of neonatal nursing professionals by reviewing this link for instructions and completing the application form for approval:

[http://nann.org/uploads/Education/2019\\_Research\\_Survey\\_Instructions\\_and\\_Application\\_Form.pdf](http://nann.org/uploads/Education/2019_Research_Survey_Instructions_and_Application_Form.pdf). Disclaimer:

NANN is not an active sponsor nor participant of approved research surveys. NANN does not collect or monitor survey data related to approved research surveys. It is the sole responsibility of the researcher to collect the data for his/her survey. In addition, NANN is unable to share member contact information with researchers.

NANN continues to release podcasts monthly. Listen to NANNcast on Spotify, Apple Podcast, Pocket Cast, YouTube, and Podbean. For more information:

<http://nann.org/publications/nanncast>

#### **Advocacy**

NANN's advocacy agenda includes Disparities in the NICU, Paid Family and Medical Leave, Breast Milk and Nutrition, and Nursing Workforce Development. For more information: <http://nann.org/about/advocacy>

NANN Position Statements in 2020 include Marijuana, Breastfeeding and the Use of Human Milk; Racial Disparity in the NICU; and a collaborative statement with the National Perinatal Association related to Mothers with COVID-19 and Their Newborn Infants. For more information: <http://nann.org/about/position-statements>

#### **Parent/Family Education**

The NANN website continues to offer a variety of parent and family educational and support resources including, *Baby Steps to Home*, a free online resource available to all hospitals across the country which is customizable:

<http://babystepstohome.com/> and the *Advances in Neonatal Care: Family Teaching Toolbox*:

<http://nann.org/education/educational-products/family-patient-education-products>.

## Clinical Leaders Group Update

### Jessica Davidson MD, FAAP

The SONPM Clinical Leaders Group (CLG) is up and running! This special interest group was formed in early 2020 as a collaborative community for NICU medical directors, quality directors, and others interested in clinical leadership. A survey by Jim Barry and others identified numerous gaps in training for NICU clinical leaders (Barry *et al.*, *J Perinatology*, 2019), and CLG was created to try to help bridge these gaps. After a successful kick-off webinar in May, there was much enthusiasm and support for further group activities.

For 2020-2021, we planned three virtual workshops. The first was in October, and featured a volunteer panel from members of our group who came together to deliver a program on QI dashboards in the NICU. During this well-attended online event, we discussed the evolution of dashboards, dashboard theory, and dashboard creation, and walked through some examples from our colleagues. This discussion prompted interest in more focused groups for spin-off projects and deeper dives into dashboard development. Our next virtual workshop will be in early February and will cover the topic of Change Management.

Our third workshop will be in the later spring and will cover the topic of Crucial Conversations. Already, two more teams of volunteers from CLG are working on developing resources and presentations for these workshops. Look for announcements with the exact dates and times TBD.

We are working to get our special interest group website, with associated collaboration site, launched soon. The website will house our calendar of workshops, listserv sign-up space, surveys, and features on topics relevant to medical directors and quality leaders. We also hope to create a system for linking junior leaders with more senior mentors. Please check the site from time to time for updates and for links to recordings of past workshops.

We are excited by the enthusiasm and collaborative spirit that filled CLG's first webinar and workshop, and we are eager to see what this group can do. This is a collaborative initiative where we are happy to feature the efforts and expertise of members of our group for the benefit of all, and for the ultimate benefit of the patients in the units we lead. All are welcome to join. Please contact any of us on the Planning Committee for more information, to ensure you are on our distribution list, or to suggest future topics to explore.

*Continued on Page 36*

# SAVE THE DATE

44<sup>th</sup> Annual Conference  
on Neonatal Perinatal Medicine

June 17-21, 2021



A virtual conference  
highlighting  
the states and provinces  
of District VIII



## Clinical Leaders Group Update

*Continued from Page 35*

CLG Planning Committee: Jessica Davidson (Jessica.Davidson@hsc.utah.edu), Jim Barry (JAMES.BARRY@cuanschutz.edu), Jeff Meyers (Jeff\_Meyers@URMC.Rochester.edu), Munish Gupta (mgupta@bidmc.harvard.edu)

## NICU Verification Update

### Ann R Stark MD, FAAP

Beginning with the first version of *Toward Improving the Outcome of Pregnancy* in 1976, a coordinated system of regional perinatal services organized according to the capabilities of each facility has been considered the standard for optimal maternal and neonatal care. Since then, multiple studies have established that outcomes of preterm or ill infants are optimal when they are cared for in a facility with the personnel and equipment appropriate to their gestational age, illness severity, and complexity. An American Academy of Pediatrics (AAP) Policy Statement, "Levels of Neonatal Care," initially published in 2004, updated in 2012 and subsequently reaffirmed, and *Guidelines for Perinatal Care*, a joint publication of the AAP and the American College of Obstetricians and Gynecologists, defines characteristics of four levels of care ranging from newborn nursery (Level I) to the highest NICU level of care (IV), often located within a children's hospital.

Unfortunately, in the United States, 25% of very low birthweight infants are still born in hospitals without Level III NICUs, and thus are at risk for less than optimal outcomes. In addition, specifications for neonatal levels of service vary widely among states, including details of the regulations and whether or how compliance is tracked. For example, of 31 states with a designating authority to oversee neonatal levels of care, only 22 require ongoing monitoring and only 10 require site visits (Kroelinger CD, *J Perinatol* 2020).

An opportunity arose in 2013, when the Texas legislature passed rules that defined four levels of neonatal care. General requirements for all NICUs and specific requirements for each level were based primarily on the AAP Policy Statement, "Levels of Neonatal Care." The legislation specified that all hospitals be designated at a specific level of care in order to receive Medicaid payments. Designation required an on-site survey by a neonatologist and neonatal nurse, and a pediatric surgeon if surgery was performed at the facility, to verify that all requirements were met. The AAP NICU Verification Program was developed in response to a call for survey agencies by the Texas Department of State Health Services (DSHS) and provided an opportunity to lay groundwork for national standards that could be adopted by other states or by hospitals without state mandates.

With encouragement from AAP leadership, financial support from Centers for Disease Control and Prevention, and collaboration with the American College of Surgeons that was starting to develop the Children's Surgery Verification Program, a leadership team of neonatologists and neonatal nurses was formed that began to develop survey materials and training webinars and actively recruit surveyors. In May 2016, the Texas DSHS selected the AAP NICU Verification Program as one of two neonatal survey agencies and the AAP Board of Directors approved a pilot program for one year that became an official program the following year. Through August 2019, the end of the first reporting period and appeals process, the program completed 42 initial surveys and six appeal surveys.

Since Texas requires re-designation every three years, a second round of surveys was initiated in the fall of 2019. With the onset of the COVID-19 pandemic, the program continued on-site surveys for a brief period with Texas-based surveyors; however, the Program suspended on-site surveys in April 2020, consistent with other national survey agencies. With COVID cases continuing to increase, a plan for virtual surveys was developed over the summer. This required substantial revision of survey agendas; requirements for screen sharing of medical records and other documents; and virtual tours of the NICU, Labor and Delivery, and Pharmacy. After Texas DSHS approval in August 2020, virtual surveys began in September, and demand is growing for additional virtual surveys in the coming months.

Other states, concerned about poorly-regulated NICU services, have expressed interest in an approach similar to Texas. During the past 18 months, planning has been underway with the Georgia Health Department. Georgia passed legislation that requires verification for Level II and III NICU designation and asked the NICU Verification Program to provide the surveys. In addition, requests for verification from independent hospitals and hospital systems have been received. To appropriately evaluate hospitals without specific state regulations, the NICU Verification Program leadership is developing national standards based on the "Levels of Neonatal Care" statement and held a virtual meeting of content experts and stakeholders in September 2020 to review the work to date.

As demand increases, the NICU Verification Program plans to build a reserve of trained, expert surveyors. Successful candidates will be seasoned leaders, preferably with experience evaluating programs, who meet the qualifications outlined on the AAP NICU Verification Program website: <https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/nicuverification/Pages/default.aspx>

**Leadership Team:**

**Neonatologists** - Ann Stark (Medical Director), Eric Eichenwald, Charles Hankins, LuAnn Papile, DeWayne Pursley

**Manager** - Nicole Faster

**Nurses** - Patricia Bondurant, Rosanne Buck, Tami Wallace

**2020 AAP/VON Scholar Awards**

AAP/VON Scholar Awards are awarded to five fellows and early career neonatologists in partnership with the American Academy of Pediatrics Section on Neonatal Perinatal Medicine (SONPM). The Award recognizes future leaders in newborn care who exemplify dedication to data-driven quality improvement in the care of infants and families.

The five scholars presented about their QI projects and discussed keys to successful QI in fellowship during a VON-hosted webinar in November.

**Julia Johnson MD, PhD**

Assistant Professor of Pediatrics  
Johns Hopkins University

Dr. Johnson graduated from the College of William and Mary with majors in biology and international relations. Dr. Johnson is an Alpha Omega Alpha graduate of Eastern Virginia Medical School. She completed pediatric residency and a fellowship in Neonatal-Perinatal Medicine at Johns Hopkins University. Dr. Johnson joined the faculty at Johns Hopkins in 2017. Her research interests include neonatal global health and infection prevention in low resource settings. Dr. Johnson has conducted CDC-supported research in Pune, India, describing the epidemiology of bloodstream infections in the NICU, identifying reservoirs of transmission for resistant Gram-negative bacteria for neonatal infections, and performing an interventional study to improve healthcare worker adherence to evidence-based infection prevention and control practices. She completed a PhD in Clinical Investigation at the Johns Hopkins Bloomberg School of Public Health in 2020. Her thesis, "Healthcare-Associated Bloodstream Infections in the Neonatal Intensive Care Unit in Pune, India: Epidemiology and Reduction of Risk," focused on QI and patient safety interventions in four Indian NICUs. She was awarded a K23 mentored career development award by the National Institutes of Health in July 2020, which will support her continued work on epidemiology of healthcare-associated bloodstream infections and infection prevention and control in the NICU in low resource settings.



Julia Johnson  
MD, PhD

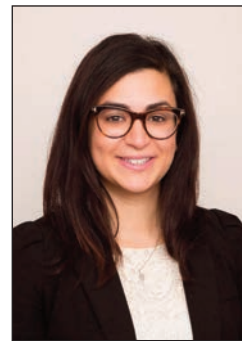
**Katelin Kramer MD**

Neonatal-Perinatal Medicine Fellow  
University of California San Francisco  
Benioff Children's Hospital

After growing up in the Bay Area, Katelin Kramer received her undergraduate degree from UCLA and her MS in Physiology and MD at Georgetown University. She returned to California to complete her residency in pediatrics at UCSF where she stayed for fellowship training. Thanks to excellent mentorship, she has developed a passion for data-driven QI. She has led several projects in her unit, with a primary focus on improving neurodevelopmental outcomes in infants after consistent implementation of evidence-based best practices. For example, she was a project leader in a multidisciplinary initiative to reduce the time to treatment of neonatal seizures after implementation of an innovative seizure rescue process. Her current interest is in improving outcomes for extremely preterm infants with QI efforts in the UCSF Small Baby Unit and by working closely with her obstetrics colleagues to increase the rate of delayed cord clamping. As she transitions beyond fellowship, Katelin plans to continue to develop her skills in QI methodology with a goal to find new and creative ways to improve the care of newborns.



Katelin Kramer MD



Ashraf Kharrat MD,  
MSc(HQ), FRCPC

**Ashraf Kharrat MD, MSc(HQ), FRCPC**

Assistant Professor, University of Toronto

Dr. Kharrat has a clinical and academic interest in bridging cardiopulmonary physiology with QI and is currently undertaking research in neonatal hemodynamics in sepsis and septic shock.



Adrienne Pahl MD

**Adrienne Pahl MD**

Neonatal-Perinatal Medicine Fellow  
University of Vermont Children's Hospital

Adrienne Pahl received her undergraduate degree from Carleton College, then completed both her medical degree and pediatrics residency at the University of Vermont. She worked as a primary care pediatrician in rural Vermont for three years before pursuing

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Section on Neonatal-Perinatal Medicine

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***2021 WORKSHOP ON NEONATAL PERINATAL  
PRACTICE STRATEGIES***

*Sponsored by the Section on Neonatal - Perinatal Medicine*

**March 9-10, 2021  
Paradise Valley DoubleTree Hotel  
Scottsdale, Arizona**

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**The 2021 Workshop will feature:**

- L. Joseph Butterfield Lecture:
  - Presentation from the AAP Committee on Fetus and Newborn (COFN) regarding policies and guidelines currently under development/review
  - Live Talks
  - On Demand sessions including a coding seminar, Advocacy session, and more!
-



**2020 AAP/VON Scholar Awards***Continued from Page 37*

fellowship training. She has an academic interest in improving systems of care with a particular focus on work involving care of opioid exposed newborns. During fellowship she planned, implemented, and now continues a QI initiative to improve care of opioid exposed newborns. As an element of this project, she helped to introduce the Eat, Sleep, Console Care Tool at UVMCH. Adrienne hopes to continue to use QI methodology to improve care both in the NICU and in the neonatal follow-up clinic as she completes fellowship and begins her career as an attending neonatologist.

**Michelle-Marie Pena MD**

Neonatology Fellow  
Children's Hospital of Philadelphia

Dr. Michelle-Marie Peña is originally from Miami, FL. Dr. Peña received her bachelor's degree from the University of Miami and medical degree from Harvard Medical School. She completed her pediatrics residency and chief residency at the Children's Hospital of Philadelphia. She is currently pursuing a Master's of Science in Health Policy Research with a concentration in health care quality and safety through the Perelman School of Medicine at the University of Pennsylvania Center for Healthcare Improvement and Patient Safety. Her primary interests include health equity research with a focus on quality of perinatal and neonatal care and equity-focused QI.



*Michelle-Marie Pena  
MD*

Cincinnati Children's, and her fellowship training in neonatology at the University of California at San Diego. She also earned a MPH degree focused on health outcomes from Emory.

Ira served as the Medical Director for the Developmental Progress Clinic since 2002. She and her team have expanded services in the clinic to include routine developmental evaluations from hospital discharge to kindergarten. Understanding that neurodevelopmental outcome is modified by both medical and social risk factors, Dr. Adams-Chapman utilized a multi-disciplinary approach to enhance the quality of care and improve compliance for patients enrolled in clinical trials. Her clinical and research interests focused on the neurodevelopmental outcome of neonates with complications of prematurity, including intraventricular hemorrhage, sepsis, and necrotizing enterocolitis.

Ira served as the Follow-up Principal Investigator for the Eunice Kennedy Shriver NICHD Neonatal Research Network (NRN) for more than 15 years and led multiple collaborative studies to better understand outcomes of preterm and term infants. She made numerous contributions to the NRN, including publications evaluating the association between infection and adverse neurodevelopmental outcomes in preterm infants and on the impact of brain injury on outcomes in term and preterm infants.

She is survived by her two children – daughter Jordan and son Julian. Our thoughts and prayers are with Ira's family. She will be greatly missed.

– Brenda Poindexter

**In Memoriam**

It is with deep sadness that I am writing to let you know that Dr. Ira Adams-Chapman passed away on Tuesday, October 27th after a sudden illness

following a long battle with cancer. She was a kind, compassionate advocate for infants and children and recognized as being a master clinician by all of her colleagues. Her impact on our field and on many of us cannot be fully described. Dr. Adams-Chapman was an Associate Professor of Pediatrics and the Jennings Watkins Scholar in Neurosciences at Emory University School of Medicine. She was a beloved member of the Division of Neonatology at Emory and Children's Healthcare of Atlanta since 1998.

Dr. Adams-Chapman completed her undergraduate studies at Emory University, medical school at the Medical College of Georgia, pediatric residency training at

**CAN/AAP District IX Section  
on Neonatal-Perinatal Medicine**

**27th Annual Conference  
Cool Topics in Neonatology**

**March 5 – 7, 2021**

For more meeting information:  
[www.cme.ucla.edu](http://www.cme.ucla.edu) or [www.canneo.org](http://www.canneo.org)

# Hot Topics in Neonatology

December 5-8, 2021

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AND PERINATAL CLINICAL CARE**

**September 9 & 10, 2021**

<http://www.d6an.org/>

Save the Date: March 3, 4, 10, and 17, 2021 Call for Abstracts: Due Weds, Oct 28, 2020

**The 34<sup>th</sup> Annual Gravens Conference**  
*on the Environment of Care for High Risk Newborns*

**VIRTUAL EVENT**

**Resiliency and  
Change in the NICU**  
Sheraton Sand Key  
Clearwater Beach, Florida  
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(Link can be found on conference web page)

The 34<sup>th</sup> Annual Gravens Conference on the  
Environment of Care for High Risk Newborns

**March 3, 4, 10, and 17<sup>th</sup>, 2021: “in real time”  
March 24–Sept. 30, 2021: on-demand**

Visit: [www.TheGravensConference.com](http://www.TheGravensConference.com) Questions? email [nrose@usf.edu](mailto:nrose@usf.edu)

## VON Offerings

### QI Grand Rounds with Vermont Oxford Network

In 2021, Vermont Oxford Network will offer virtual QI Grand Rounds. This webinar series is open to all and is intended to advance knowledge and expand adoption of quality improvement principles in newborn care. Attendees will learn from pioneering teams and experts on topics such as QI methodology, neonatal abstinence syndrome, and partnering with families.

The first webinar will be on the topic of “Teamwork: Developing Shared Mental Models” in February 2021 and registration information will be available on the VON website, <https://public.vtoxford.org>.

### Potentially Better Practices to Follow Through for Infants and Families

Dramatic disparities in health and well being are driven by inequalities of income, wealth, and opportunity ingrained in systemic racism and prejudice. The effects are pronounced for infants in NICU care. There is much that we can and must do to follow through for infants and families.

Follow through is different from the more typical neonatal practice of “follow up.” It is a comprehensive approach that begins before birth and continues into childhood. Health professionals, families, and communities must partner to meet the social as well as medical needs of infants and families to achieve health equity.

VON Potentially Better Practices (PBPs) for Follow Through are intended as a starting point for individuals and teams to address the social determinants of health. The PBPs can be found at [public.vtoxford.org/health-equity](https://public.vtoxford.org/health-equity).

### Improvement Science Virtual Expo Celebrates QI in Newborn Care

Vermont Oxford Network is celebrating the work of teams worldwide demonstrating improvement in newborn care with an interactive online poster expo.

Attendees can explore how teams are achieving measurable improvement related to specific patient populations and common clinical challenges, and are leading the way in improving care processes and practices related to admission, discharge to home, and other critical transitions.

There is no fee to log in, and for each poster, participants can submit comments and questions to advance the dialogue. Discover what our community has accomplished to improve care for newborns and families by visiting <https://public.vtoxford.org> and navigating to the Improvement Science Virtual Expo.

## Please save the date CHNC

November 1-3, 2021 for the 2021 Children’s Hospitals Neonatal Consortium (CHNC) Annual Symposium.

For more information on the 2021 Symposium, please see our website: [thechnc.org](https://thechnc.org).

Registration will be available in mid-2021.







SAVE THE DATE

September 9-10, 2021

14<sup>th</sup> Annual Conference

Controversies in Neonatal and Perinatal Clinical Care

The conference will be virtual in 2021.

We hope to gather in person in 2022.

Made possible by an unrestricted educational grant from  
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May 26 - 30, 2021

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### Guest Faculty

C. Michael Cotten

Jonathan Davis

David Stevenson

Sarah Taylor

Fernando Moya

Kelly Wade

David Adamkin

Shay Phillips

SAN Contact person: Barry D. Chandler, M.D., Executive Director

Phone: (954) 646-8943

E-mail: [bdchandler@aol.com](mailto:bdchandler@aol.com)

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Section Newsletter

Virginia Apgar Award

Thomas Cone Jr History Lectureship

L. Joseph Butterfield Lectureship

Perinatal Spring Workshop

TECaN NCE & Workshop Travel Grants

Gerald Merenstein Lecture

Section Faculty Dinner

NICHHD Young Investigator Conference

NCE Poster Session & Reception

NCE Executive Committee Dinner

ONTPD Networking Session

NeoPREP

APGAR Award Dinner

TECaN NCE Reception

Women in Neonatology

Neonatal-Perinatal Fellows Conferences