

SECTION ON NEONATAL-PERINATAL MEDICINE

NEWSLETTER – Winter 2022



American Academy
of Pediatrics



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Section on Neonatal-Perinatal Medicine

Standard of Care to Incorporate Mental Health Care for NICU Families - TECaN Embarks on National Advocacy Campaign

Katie Hoge MD, Advocacy Campaign Chair

Ali Sloane MD, Advocacy Chair

Ann Blake MD, MPH, Advocacy Campaign Vice-Chair

The American Academy of Pediatrics Trainees and Early Career Neonatologists (AAP TECaN) group has embarked on their second national advocacy campaign, which focuses on the need for mental health care for NICU families during their admission and after discharge. There has been an incredible need for mental health care that has arisen during the COVID-19 pandemic, which has given rise to this important topic. However, there has also been a persistent need to address mental health for NICU families long before the pandemic. Parental mental health needs are highly prevalent in the NICU. We know from pre-pandemic research that about half of NICU parents at any given time suffer from anxiety or depression during a NICU stay, and that a third of parents go on to develop PTSD after a NICU admission. We have reason to believe that the need is even higher with the onset of the pandemic and its numerous added challenges and burdens on families. Despite the high needs and impact on child and family outcomes, there is currently no universal NICU standard to address familial mental health. Due to this, TECaN has ambitiously resolved to take on the task of altering the standard of care within the NICU to include mental health care through all-around support and wellbeing for NICU families via the national advocacy campaign, *Carousel Care* (#CarouselCare).

TECaN has partnered with experts from across the country and from multiple disciplines to educate and empower NICU providers on how to adequately address mental health needs for NICU families.

Perinatal News “At a Glance”

Mary Nock, MD, FAAP, Editor

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TECaN members have teamed up alongside experts in Neonatology, Psychiatry, Psychology, Maternal and Fetal Medicine, Palliative Care, Social Work, Child Life, Nursing, and NICU parents to create content and resources that will be delivered throughout the campaign. The campaign, launched in October 2021, will continue to deliver content through live webinars (also viewable post live date) and supplemental materials which can all be found on the campaign's website through October 2022 (<https://www.aap.org/en/community/aap-sections/sonpm/tecan/advocacy/>).

The content over the course of the year will be organized into four main phases. The first phase focuses on the prenatal period for parents who learn that they may require a future NICU admission for their child's survival and the general need for mental health resources from the start of the NICU journey. Webinars and supplemental materials found on our website will include topics on managing parental expectations and addressing emotional needs in the prenatal consult, understanding the scope of mental health challenges of NICU families, and special consideration populations of diversity, equity, and inclusion relating to NICU mental health. Live webinars will take place monthly from October 2021 through December 2021, and all webinars will be available for viewing on our website after their original air date.

The second phase of the campaign will focus on the time during a NICU admission. Topics will include mental health impacts upon the interrupted bonding of the parent-infant dyad, screening for parental mental health throughout the NICU admission, and mental health interventions during the NICU stay. This content will be delivered beginning in January 2022 through March 2022.

The third phase will focus on the NICU discharge process and setting up continuity of care after a NICU admission. Topics will include setting up mental health resources for families post-discharge, comforting families during bereavement, and helping families thrive after the NICU. This content will be delivered beginning in April 2022 through June 2022.

The fourth and final phase of the campaign will focus on how to incorporate these new standards of care into NICUs across the country in a wide range of clinical settings with variable resources. Topics will include webinars on how to include NICU family mental health within your NICU and caring for the caregiver. In recognition of each unit's unique challenges, we strive to provide means for all NICUs to consider a way to adopt these changes into clinical practice. We also recognize that it is extremely important to support the mental health of our own team members in order to effectively care for families. One cannot pour from an empty cup, so we

will also focus on caring for ourselves as providers. This content will be delivered beginning in July 2022 through October 2022.

TECaN, the campaign's content experts, and our parent experts are working towards achieving the ambitious goal of incorporating family mental health care into a universal standard of NICU care. We all strongly believe in the promise of this campaign and challenge each one of you to join in this important endeavor for your patients and their families. To join in our efforts of this campaign, please visit our AAP TECaN website where you can find the links to our webinars and the content delivered over the course of the year. Together, let's turn a roller coaster of uncertainty for our NICU families into an all-around support network through Carousel Care.



**CAROUSEL
CARE** all around support
& wellbeing in the NICU

View from the Chair: Shared Decision Making for RSV

Lily J Lou MD, FAAP

The practice of pediatrics and neonatology in the age of COVID-19 has been nothing short of tumultuous. Amidst the intense politicization of mask mandates and the welcome rollout of vaccines for younger children, influenza and other vaccine preventable diseases have not gone away. In fact, the rates of routine childhood immunization dropped alarmingly in 2020 because of families' understandable hesitation to go to the doctor when hunkering down seemed to be the prevalent wisdom. We are improving since then, but it is taking conscious effort.

One pathogen that poses significant risk to our NICU graduates is respiratory syncytial virus. RSV is an RNA virus, first described in 1956 as the most common cause of bronchiolitis and pneumonia in children less than one year old. It is classified as a paramyxovirus and related to the parainfluenza, mumps and measles viruses. One of the characteristics of RSV is the fusion of respiratory

epithelial cells into syncytia, shielding the virus from the host and making it difficult to mount an immune response until several infections have occurred. This virus is common in the human population, and most children have been exposed by the age of two years. However, those who were born early, without the benefit of transplacental antibody transfer from their mothers, are felt to be at increased risk of serious RSV disease. This same property makes it more challenging to develop a traditional active vaccine to RSV—although some of the new mRNA vaccine strategies we are learning with COVID-19 may help us overcome these challenges for RSV.

In 1986, ribavirin was approved for treatment of RSV infection; it is expensive, complex to administer and its use is contraindicated around parents or caregivers who may become pregnant. In terms of prevention of infection, RSV IVIG made its appearance in 1996. Although it was later supplanted by the more effective palivizumab, many of us remember fondly that its impact on respiratory viruses was broader than solely targeting RSV. Palivizumab is a specific RSV monoclonal antibody preparation that was licensed by the FDA in June of 1998. It provides passive immunity to RSV when given on a monthly schedule of up to a five-dose regimen, during the winter RSV season (typically November-April). Palivizumab does not prevent RSV infection but has been shown to reduce severe disease, hospitalization and the need for intubation and mechanical ventilation in populations at highest risk. These include premature infants with chronic lung disease, infants with hemodynamically significant cardiac conditions, infants with pulmonary or neurological abnormalities that impair clearance of secretions and infants with profound immunocompromise.

Palivizumab is now the clear mainstay of our prevention strategy. Palivizumab was initially approved for preterm infants <35 weeks gestation at birth. One of the disadvantages is that it requires monthly injections, which are uncomfortable for infants and vicariously unpleasant for their parents. Another downside is the cost of treatment. In unprecedented actions, the AAP has twice modified its recommendations regarding palivizumab, recommending a narrowing of its eligibility guidelines (to <32 weeks) in 2009, and further (to 28 weeks) in 2014. Both of these changes were the focus of robust discussion in the form of AAP leadership conference resolutions because it appeared that we were voluntarily restricting access to an effective treatment for our patients, and these concerns about stewardship were coming from our own professional organization, rather than felt as pressure from payors to limit use. In some regions (Florida, Alaska) RSV seasonality is more extensive and variable and allowances are made based on epidemiologic surveillance, but the more restrictive eligibility trends have been upheld by our Committee on Infectious Disease.

In 2020, it appeared that we were spared our typical RSV season. With everyone staying home and social distancing, we saw the lowest RSV incidence in memory. In some places, what threatened to be a severe RSV season was abruptly curtailed. However, in summer to fall of 2021, some regions were reporting early spikes in RSV incidence. It was not clear whether this was a delayed 2020-2021 RSV season, or an early 2021-2022 season. In states with variable season onset and offset based on incidence, objective criteria - such as >10% positivity for over 1 week - could not be used this year, since the denominator has been wildly inflated due to the multitude of respiratory virus tests done for COVID-19. So many factors in the COVID-19 pandemic, including our response to it, could result in an atypical RSV epidemiology this year. Interim guidance from the AAP suggested that policymakers consult with pediatrician leaders and local AAP chapters for guidance, and many states authorized early palivizumab administration based on regional incidence data. Pediatricians looked for updates to the AAP interim guidance, with no new specific advice available between September 23 and December 16, which is understandable with no clear epidemiologic experience on which to base recommendations.

With some states granting approval for one month at a time, nimble changes in policy were complicated by lags in Medicaid approval machinery, as well as the challenges of getting eligible families notified of the earlier start date, scheduling appointments and getting doses actually administered. This was a much greater challenge for pediatricians giving subsequent doses than for us in the NICU, but the proposed regimens were much more tentative and conditional than our usual discharge recommendations for palivizumab-eligible infants. As we enter into the darkest days of the year, the question of stewardship arises again. Many states started approval for palivizumab around August. That means infants who started treatment early have already received their fifth dose. We do not have data on the benefits (or safety) of giving more than five monthly doses of palivizumab, but we do know that this drug is still expensive. The most recent AAP guidance calls the earlier appearance of RSV “interseasonal” and suggests that we might need to give longer courses this winter, to last through the typical RSV season. Some states are only approving five monthly doses and monitoring for high regional incidence, authorizing extensions in those specific areas. Some will simply authorize those infants who started early to receive up to nine doses.

Neonatologists across the country have found themselves in the position of being consulted about what to do about RSV in 2021-2022. We are generally a very evidence-based subspecialty, so it is difficult for us to propose the wisest course with confidence. However, thinking through the questions with your community pediatricians, pediatric

ID specialists and state health department leaders will lead you to the best course of action for this year. This is shared decision-making at its finest - when there is no obvious answer but all stakeholders participate in a reasoned consideration of the known and postulated factors to derive the best plan for the babies.

ONTPD Updates

Patrick Myers MD, FAAP

Thank you to our departing ONTPD Executive Committee members Lindsay Johnston, Melissa Carbajal and our Past Chair Heather French. Their incredible hard work and leadership kept us moving through COVID and helped ONTPD flourish! Our three amazing new Executive Committee members are Megan Gray, Deirdre O' Reilly and Margarita Vasquez.

Our bi-monthly lecture series with experts from the field of neonatology, Online with Experts, continues. Recordings of the talks can be found on the MedEd on the Go website. Please join us for the following upcoming talks at 12pm Pacific/3pm Eastern via Zoom link:

<https://us02web.zoom.us/j/87355022276>
Meeting ID: 873 5502 2276
Passcode: 674618

Dec 15 - Cost-effective Care, Dr. Leah Yieh
Jan 5 - Neonatal Anemia, Dr. Jayasree Nair
Jan 19 - Cytomegalovirus, Dr. Pablo Sanchez
Feb 2 - NEC, Dr. Michael Caplan
Feb 16 - Neonatal Stroke, Dr. Dawn Gano

Tamorah Lewis MD, PhD gave an amazing Online with Experts talk on December 8th on the experience of neonatology URM fellows. A recording of the talk will be available at MedEd On The Go.

The ACGME is beginning to organize the working group to write the Neonatology Milestones 2.0. Thank you to the 27 ONTPD PDs/APDs who volunteered to work on the writing group. The ACGME Milestones help monitor and improve fellowship education.

The Spring PAS ONTPD meeting will be held on Friday April 22, 8am-10am. We are working to provide hybrid options.

Drs. Joti Sharma and Julie Weiner have a new, informative neonatology board review podcast called *Neonatology Review: Isolette to Crib*. It is a great way to shorten your commute and help get ready for boards!

MidCaN Update

Eric Horowitz MD, MHA, RD, FAAP

MidCaN has grown a lot as we look back at 2021. Alexis Davis and Dena Hubbard led MidCaN through another great year, a year of wonderful growth!

Dena and Alexis helped to redefine the leadership and structure of MidCaN, shifting it from geographically focused District Representatives, to an Executive Council reflecting the goals and diversity of MidCaN by drawing from the two Co-Chairs of each of the six MidCaN Committees: Advocacy (Josh Petrikin and Tara Randis), Communication (Eric Horowitz and Kurlen Payton), Leadership (Elizabeth Rogers and Binoy Shivanna), Quality Improvement (Kate Gibbs and Lamia Soghier), Research (Krithika Lingappan and Trent Tipple), and Wellness Folasade Kehinde and Ramesh Krishnan). From this group of excellent leaders, a new Chair was elected. For a two-year term, Eric Horowitz will serve as Chair, and Alexis and Dena will serve as Immediate Past-Chairs.

Further, this motivated group of leaders brought great value to the Section membership. With a focus on leadership, MidCaN offered a Leadership Webinar Series with six presentations by Laurie Baedke. They also brought two Fireside Chats with experts discussing Academic Leadership, and Clinical and QI Leadership. The live sessions were highly attended, but in case you missed something, the recordings of all these sessions are available on the MidCaN Collaboration Site (<https://collaborate.aap.org/SONPM/Pages/MidCaN.aspx>).

Good leaders also keep their colleagues informed and help them to find their best selves. Through the monthly MidCaN NewsFlash, committee leaders have shared brief focused updates and resources with the larger MidCaN group to keep them informed. In addition to the NewsFlash, with the rising concerns regarding burnout, Ramesh and Fola have done a great job producing the monthly MidCaN Wellness News with timely guidance on how to improve personal resiliency, and encourage culture and system change. Past editions of all these resources can also be found on the MidCaN Collaboration Site.

MidCaN plans to continue bringing requested content to Section members. In 2022, this will include three new series of webinars: MidCaN Grand Rounds, MidCaN Workforce Lecture Series, and Whine with Colleagues.

The MidCaN Grand Rounds Series will be composed of two talks from each of the six MidCaN Committees for a total of twelve sessions spread out over the year and will expand the definition of a grand rounds. As issues of equity, professional identity, and career longevity are of concern to those mid-career, we shall provide a collection of talks describing the current state the neonatologist workforce, attempting to define an FTE, exploring burnout, considering equity and diversity, following

unique career paths, and discussing a variety of other workforce topics. Lastly, while some may seek solace in wine, we seek to unburden each other through Whine with Colleagues which will consist of small group (10-15 peers) virtual sessions on specific topics to allow us all to coach and be coached in an intimate and supportive environment. Topics for these sessions are still being collected through a survey you can find at <https://form.jotform.com/213073541989059>.

So, goodbye 2021 and hello 2022 - a year in which we hope to help you lead, inform, empower, and reflect.

If the activities of MidCaN interest you, or if you wish to get more involved, please join the MidCaN listserv (<https://www.aap.org/en/community/aap-sections/sonpm/midcan/MidCaN-Listserv/>), contact Eric Horowitz (horowite@gmail.com), or visit the MidCaN webpage (www.aap.org/midcan) for more information.

Retirement...Not!

Stephen A Pearlman MD, MSHQS, FAAP

Like many things in life, the approach to retirement is very individualized. I have a colleague who retired from practice in his mid-50's and another who is still practicing at close to 80. Not so surprisingly, they both seem happy. The WECaN group is comprised of individuals who are at least beginning to contemplate this decision. While there is not a right or wrong answer, clearly this is a decision that requires a lot of thought.

Someone said, "Retire from your job, but never retire your mind." For this column, I thought I would explore why some of us decide it is not yet the right time to retire. I reached out to several colleagues who I knew were of retirement age yet continue to work clinically or in another capacity. I will also share my own story.

That great philosopher, Mel Brooks, said, "Never retire! Do what you do and keep doing it. But don't do it on Friday. Take Friday off. Friday, Saturday, and Sunday, go fishing... Then Monday to Thursday, do what you've been doing all your life. My point is: Live full and don't retreat." So, here is what some of your colleagues had to say on this subject.

Gil Martin – Didn't Get the Call from God

I knew that at some time in my career, I would have to retire. It is an expected period of one's life after working full time for many years. Even the Bible has a passage where the Lord says to Moses, "...at the age of fifty you must retire from regular service and work no longer." I never received that commandment and I continue to work. I tried to retire...twice. In fact, in order to reaffirm my retirement, I even had a farewell party. But, I felt disenchanted and suddenly without a purpose. I was reminded by my wife of a Yiddish expression which translated to, "I married you for better or for worse, but

not for lunch." Missing the stimulation of residents and fellows from earlier years, the return to neonatal academic medicine was appropriate. The term "Emeritus" just did not feel right. I decided that I will continue working until the house staff tells me that I am forgetting more than I am remembering. I cannot think about the day when I will come home and say to my wife Pat, "Honey, I'm home ... for good."

Kristi Watterberg – Unknowingly Followed Mel Brooks' Advice

I can certainly relate to the title, "Retirement...Not!" I actually did retire in 2018, but three weeks later, the person who had planned to take over as the University of New Mexico PI for the NICHD Neonatal Research Network left for another institution. So back to work, as a "working retiree," continuing with the NRN and a doing a bit of mentoring for faculty and fellows. Also offering free advice, for what it's worth. I made two resolutions – not to set the alarm clock, and not to work on Fridays. I've stuck to that for the most part, but not always, of course. I spend summers in Washington State to be closer to at least one set of grandsons and that's a wonderful benefit, but I don't ever plan on giving up New Mexico, my heart's home. The part-time role gives me time to exercise more, work on some jigsaw puzzles, read the *New York Times* most days and do their crossword puzzles. And watch sunsets, leaves turning, and wildlife outside my windows (we've watched deer, bear, and bobcat drinking from our pond - one bear knocked down the hummingbird feeder - and birds drinking from the irrigation emitters). A really hard part of the "pandemic life" for me (and for us all, I know) is missing contact with friends and colleagues from around the world at meetings. Zoom just doesn't cut it! Giving a talk over Zoom is talking into a black hole. Hoping to see everyone at PAS next spring – keep your fingers crossed! And, I do plan to really retire after this NRN cycle, maybe then I will have time to write the great American novel – the goal of every English major.

My Own Story – Finding a Second Love

I reached a certain point in my career where I felt it was going to be unsustainable to maintain the high level of clinical care I was responsible for. At the same time, I was nowhere near ready for retirement. I began to explore other possibilities. I wasn't smart enough to figure out how to reinvent myself without additional education. I



found a new passion in healthcare quality and safety and pursued a degree. Over the past 10 years I have gradually moved my career in a new direction while maintaining involvement in neonatology, my first love. What I find the most stimulating and satisfying about the new work I do is figuring out the root cause of problems and improving our care processes. This allows me to impact a whole population of patients at one time. Going back to school as a “super senior” has its challenges, not the least of which is accepting that your work is subject to the judgement of others. So, while I don’t recommend this path for everyone, it was the right career choice for me. I have purpose and fulfillment in my job which is something I am very fortunate to have. As far as retirement goes, I think it’s overrated. I’ll get around to it someday, just not yet!

You have now heard why three of your colleagues have decided not to retire yet. Some have tried to retire and decided to rejoin the workforce for various reasons. Others never leave. Whatever you decide is right for you, it is probably wise to heed the advice of the American pastor Harry Emerson Fosdick who said, “Don’t retire from something, have something to retire to.” If you want to keep working, go for it! You can easily deflect those who question you by referring to the famous quotation by writer and humorist Mark Twain, “Age is an issue of mind over matter. If you don’t mind, it doesn’t matter.” As a 96 year-old dear friend tells me, “Age is just a number and mine is unlisted!”

I hope you enjoyed the holidays and have a happy, healthy, and safe New Year!

Women in Neonatology (WiN) Updates

Christiane Dammann MD, FAAP

WiN is going into its fifth year. We are welcoming the following new members to our leadership in the Steering Committee: Drs. Linda van Marter, Kris Reber, and Dena Hubbard. What follows is an update from each committee on accomplishments in 2021 and goals for 2022. We hope that you will come join us for our meetings in Scottsdale, at the NCE meeting, our webinars, and our committees. Please reach out to WiN Chair Christiane Dammann (cdammann@tuftsmedicalcenter.org) or the committee leads directly.

Membership (Pia Wintermark, pia.wintermark@mcgill.ca; Vishakha Nanda, vishakhananda@yahoo.com: 7 members)

Accomplishments 2021: Created and disseminated first biannual survey to regularly gather information about and find additional ways to support WiN membership. This will additionally be the beginning of the WiN membership database. Expanded WiN membership by outreach to Canadian colleagues and recruited several additional women neonatologists to WiN.

Goals for 2022:

1. Assess and address what members need and expect from WiN membership.
2. Recruit new members and engage existing members.
3. Create a WiN membership database to be updated every six months and available on the WiN Collaboration Website.

Mentorship/Career Development (Krithika Lingappan, lingappank@chop.edu: 10 members)

Accomplishments 2021: Creation of focus group with WiN members from academia and private practice. Collaboration with the WiNei initiative with the publication on the impact of COVID-19 on the neonatology workforce. Collaboration with the Leadership Committee on the WiN mentorship initiative. Submission of abstracts to the NCE meeting.

Goals 2022:

1. Identify new national projects focused on career development
2. Identify topics/speakers focused on career development for WiN webinars
3. Engage WiN membership and provide leadership opportunities within the group
4. Generate/recommend content for the website/newsletter

Health/Wellness (Mariann Pappagallo, pappagallo@uchc.edu; Dena Hubbard, Dkhubbard@cmh.edu: 16 members)

Accomplishments 2021: Providing resources via the Newsflash through the Wellness Boost feature. Introduced concept of “WiN consult,” cleverly named by Dr. Odackal as “Ask WiNona.”

Goals for 2022:

1. Assess and address what WiNners need to prioritize and improve their health and wellness.
2. Identify topics/speakers focused on improving wellness for WiN webinars.
3. “Theme of the Month” with resources to help you be the best version of yourself including practical life hacks, inspiration, and recommendations for books, podcasts, videos, meditations, apps, and activities based on the monthly theme.
4. Increase connections so that members feel a sense of belonging to the great network of WiN community. Ideas include Ladies Night Virtual Happy Hour, Book Club Groups, Virtual Yoga, and more!
5. Inspire one another not only in individual changes to improve our resilience, but additionally how to collaborate to make systemic changes in the field of neonatology and how to advocate for yourself and your colleagues.

Leadership (Brenda Poindexter, brenda.pointdexter@emory.edu; Karin Potoka, kpotoka@akronchildrens.org: 10 members)

Accomplishments 2021: Developing the structure for the mentor/mentee leadership program that will be implemented in 2022 in collaboration with the Career Development Committee. We had an inspiring presentation from Dr. DeAngelis!

Goals for 2022:

1. Implement mentor/mentee program for WiN members to support career development including leadership skills. With the Career Development Committee, we have developed surveys for mentees to help coordinate appropriate mentor/mentee matches. These will be distributed in the next few months along with requests for mentors.
2. Develop peer groups to support women leaders and provide opportunities for informal ongoing discussions. Our committee appreciates input into potential peer groups. Examples include medical directors in private practice, medical directors in academic setting, division chiefs, junior faculty with research focus, etc.
3. Continued WiN seminars/webinars to support development of leadership skills and networking. Please send us any suggestions for future speakers.

Advocacy (Kerri Machut, kmachut@luriechildrens.org; Christiane Dammann, cdammann@tuftsmedicalcenter.org: 10 members)

Accomplishments 2021: ALF resolution on “workplace environment for parents” was authored, ALF resolution on “gender pay equity” mentored and supported. Received a strategic grant from SONPM for the Women in Neonatology Equity Initiative (WiNei) to achieve gender equity in neonatology careers. Presented at PAS meeting, manuscript published in *J Pediatrics*: “COVID-19 Effects on Neonatologists’ Workloads.” Presented at NCE meeting, manuscript in preparation, “Gender Analysis of *Journal of Perinatology* Authorship.” Network for women in pediatric subspecialties, “Female Leadership and Excellence (FLEXpeds)” was created and funded by the Friends of Children’s Fund to organize a summit for FLEXpeds in 2022. Submitted a PAS workshop on Gender Advocacy. Perspective on “The Neonatal Perspective of Paid Family Leave (PFL)” for *J Perinatology/SONPM Policy/Advocacy Series*.

Goals for 2022: Advocacy work with two main areas of focus:

1. Parental mental health and family leave – joint work with Psychiatry and Maternal Fetal Medicine colleagues.
2. Workforce diversity – recruitment, early career support.

Networking/Communication (Lynn Palermi, lynnpalermi@gmail.com; Anisha Bhatia Attawala, anishabhatia2@gmail.com; 11 members)

Accomplishments 2021: Due to the pandemic, utilized virtual communication with members and responded with expansion of our digital platform use. WiN communications are via email, monthly newsletter, AAP main website and AAP Collaboration site. This communication is further amplified by @WomenNeo Twitter, Instagram and YouTube accounts. Announcements and recordings of WiN virtual events can be found on the WiN page, as well as from @WomenNeo.

Goals for 2022:

1. Connect WiN members for networking and mentorship opportunities.
2. Organize and inform WiN of upcoming in-person and virtual activities.
3. Disseminate WiN resources on gender equity, wellness, career, and leadership.
4. Organize digital media movements for WiN to encourage conversation and expansion of education pertaining to particular issues for WiN.
5. Educate on communication styles, perspectives, and frames.
6. Amplify voices of WiN by sharing our views and announcements in digital spaces.
7. Focus on updating the WiN Collaboration Site as the landing place for most up-to-date information.

Clinical Leaders Group Update

Jessica Davidson MD, FAAP

Jeff Meyers MD, FAAP

Jim Barry MD, FAAP

Munish Gupta MD, FAAP

The Clinical Leaders Group (CLG) is a SONPM special interest group that exists to support the role-specific responsibilities of medical directors, quality leaders, and other clinical leadership positions. We had a great first year with excellent virtual workshops on the topics of quality dashboards, leadership, and communication. Recordings and resources from the workshops are available on our CLG SharePoint site, which can be accessed from the AAP SONPM homepage.

This year the CLG is looking forward to an exciting opportunity to support the NICU Verification Project, which is already underway. Our group will contribute to the project by offering educational workshops on quality and safety content. We are looking forward to an in-person event at the Workshop on Perinatal Practice Strategies in March 2022 and then will follow up with several virtual workshops in the following months. The CLG contributions to the overall project are being led by Munish Gupta and Mike Posencheg.

If you would like to join our active listserv, or would like to stay informed about CLG workshops and events, please email us at clinicalleadersgroup@gmail.com. We look forward to another productive and collaborative year!

2022 Spring Workshop March 25-27

Dena K Hubbard MD, FAAP

We look forward to reconnecting, recovering, and growing together after the collective trauma of the recent pandemic and social injustice events that have kept us isolated. Ted Lasso said it best, “I promise you there is something worse out there than being sad, and that’s being alone and being sad. Ain’t no one in this room alone.” We invite you to join us in sunny Scottsdale, AZ for the 2022 Workshop on Neonatal-Perinatal Practice Strategies at the beautiful Double Tree Paradise Valley Resort on March 25-27. As of now, we are still hoping, praying, and planning for an in-person workshop!

This unique conference aims not only to provide high quality educational offerings which foster lifelong learning for neonatologists and members of the perinatal care delivery team, but also to serve as a resource. Through the provision of empowerment, leadership development, innovation, collaboration, and networking, the Workshop is designed to help you advocate for yourself, your patients, and systems that impact the health of pregnant mothers, their fetuses, and newborn infants. We welcome you to capitalize on the power within our membership to optimize the health of our Section and specialty through both personal and professional growth.

We are mixing it up a bit for the 2022 conference, so consider this an exercise in process improvement. We are scheduling shorter presentations with more time for questions and interaction among attendees, providing additional sessions available on-demand (activities of the Section, legislative update, COFN update, Special Interest Group [SIG] reports), and sharing some sneak-peeks and teasers on social media leading up to the conference. We will continue the tradition of the Workshop with an exciting collection of speakers, interactive breakout sessions, and thought-provoking presentations that reflect the mission, goals, core values, and strategic plan of the Section. This meeting fosters the professional development of those providing neonatal and perinatal care through connection with AAP and Section leaders as well as a group of colleagues diverse in experience and thought.

The topics are carefully selected to cater to a wide range of neonatology practice settings and all stages of neonatology careers. The overall theme of the 2022 conference will be dedicated to advocacy for the social and medical needs of children and their families, equity in health care resources and outcomes, and camaraderie

within our professional organization to ensure all members feel valued and can participate in its activities, opportunities, and leadership.

The meeting kicks off with a unique session on neonatal coding offered on Friday morning by Dr. Scott Duncan and group with a case-based discussion of various clinical scenarios as they relate to coding and billing. This aligns with the Section’s goal to provide current and timely information in the areas of coding, relative values, managed care principles and practice management tools to assure fair and equitable reimbursement for the challenging work you all do in neonatal-perinatal medicine. Please note, this requires a separate registration from the general sessions.

We are excited to welcome 2021 Apgar awardee, Dr. Richard Polin, to give what promises to be a fantastic 2022 Butterfield Lecture, “A Skeptic’s View of Neonatal Medicine: Balancing Science and Art” as well as a breakout session on neonatal physiology using clinical vignettes.

General session topics range from clinical hot topics such as noninvasive ventilation (Ramanathan), multidisciplinary care model and clinical vignettes for severe BPD (Gibbs), use of probiotics in preterm infants (Patel); to career development including nurturing physician-scientists (Maron), the credible pediatrician advocate (Dowd), life-long learning and evidence-based medicine through use of social media (Patel); and management including national quality standards for NICUs and preparing for NICU verification survey (Stark), equity in NICU outcomes and confronting structural racism in the NICU (Walker), leadership and balancing regulatory requirements, patient safety, and healthcare economics (Hudak, Duncan, Stark).

Back by popular demand, for an extended and much needed session, Drs. Stephanie Kukora and Brittany Batell will lead the Saturday afternoon workshop, “Medical Improv for Fostering Wellness and Resilience in the Workplace.”

The keynote session will be presented by Dr. Denise Dowd, who will inspire us all through discussion on advocacy, trauma-informed care, and leadership in the keystone specialty of pediatrics. We are called to seize our vital role as leaders in healthcare overall, based on what we know about neurodevelopment, epigenetics, and social determinants of health, wellness, and success across the lifespan.

SONPM Chair Dr. Lily Lou will update us on the latest and greatest Section activities and member benefits. Stay tuned and plan to connect with your colleagues from the different SIGs in the Section. Leaders and members from the career stage SIGs will be in attendance including early career (TECaN), midcareer (MidCaN), senior (WECaN); as well as those representing global health, advocacy,

MidCaN Rising Star ... Janna Patterson MD, MPH, FAAP

What has been your education and career path so far? I was a “late bloomer” in medicine and worked for a few years after my undergraduate degree at a small nonprofit in San Francisco called International Development Exchange. When I finally decided to go into medicine, I had to do a post-bac program to get all my science classes. I also did my Masters in Public Health while I was applying to medical school. When I started medical school at the University of Alabama-Birmingham, I had a two year-old child, so I was always trying to balance his needs and my own need to log some library time! I thought I would be a doctor who took care of AIDS patients after my time living in Tanzania and my experiences in medical school at the AIDS clinic. But, the hope of Pediatrics captured my soul and Neonatology brought together my interests in babies and mothers at a very special moment: Birth. I was fortunate to match at University of Washington in Seattle where I did my residency, fellowship, and then stayed on faculty. I had always wanted to focus on public health work in the global setting, so when an opportunity arose to apply for the fellowship program at the Bill & Melinda Gates Foundation, I took the leap. I soon transitioned from Fellow to Senior Program Officer on the Maternal Newborn and Child Health team where I stayed for four years. When a leadership position came up at the AAP in global health, it felt like the right time to make another transition, and I’ve been here ever since.



What do you hope to accomplish in the next five years? The world has changed so much over the last few years; I hope that the awareness of how interconnected we all are will bring new ways of working together. No problem is so local that it cannot or should not be informed by the global environment.

What was the best advice you have gotten? “Go where you are loved.” If you are somewhere where you do not feel valued or respected, it can negatively impact your mental health and even your accomplishments. Life is too short for that.



What advice would you give to your TECaN colleagues? Do not be afraid to take risks and have confidence in your convictions. There have been many times I have shared an idea, had it critiqued by others, and then I set it aside. Sometimes, I would see it resurface later from someone else and be accepted!

What was smartest career move you have made thus far? Taking a leap off the high dive from academia into a world unknown (foundation/ NGO work). It is always scary to venture into something where the next step is not immediately apparent or where there is not the security of academia, but the challenge and opportunity for impact can be very fulfilling.

What would you like to change about your career or life if you could have a do over? I don’t tend to think in this way; I have had failures and disappointments like everyone else, but usually it leads me to greater

strength or a change in direction that brings new opportunity.

What helps to balance career and out-of-hospital life? I’m not currently in clinical practice, so this is not quite as challenging as it used to be. I spend a lot of time watching my youngest son play baseball and I like to dabble in art and creative writing. These activities keep me focused on something besides work when I’m doing them, which helps keep the world in perspective. I also like to take long walks and find that I can walk my way to a solution to most problems!

2022 Spring Workshop March 25-27*Continued from Page 8*

and clinical leaders' groups. The Women in Neonatology (WiN) group will be holding their annual meeting after the Workshop this year with great speakers and sessions based on the theme of "Executive Presence." Stay tuned for more details.

I would like to thank all the Planning Committee members and especially the AAP staff who have worked hard to organize the 2022 meeting. This meeting is truly unique and offers topics imperative to the practicing neonatologist and fulfilling the mission of AAP SONPM: To improve the health and outcomes of the newborn infant, as well as the pregnant woman and fetus, through the sponsorship of programs which encourage the professional growth of the neonatal-perinatal providers, continuously improve clinical care delivery, support continuing and postgraduate education, foster basic, clinical and outcomes research and seek to advocate for our patients and their families.

We hope to see you in Scottsdale soon! Registration is open!

Update from the 2021 SONPM NCE Program Chair

James Barry MD, FAAP

Well, SARS CoV-2 refused to loosen its grip on the United States and the rest of the world. As a result, we had to quickly shift gears from an "in person" conference in Philadelphia to one that was again held in front of computer screens from our homes or offices, or from our favorite place to get interrupted by children and barking dogs, complete with mute misunderstandings, glitchy internet connectivity, and important background decisions. I am sure I say this for all of us, I cannot wait until we can have conferences in person to better support our mission, foster collegiality, and strengthen our sense of community. The day will come!

I want to thank all of you who made it possible to pull off a successful virtual meeting. There were 332 SONPM members that attended the virtual program. I would like to thank the moderators: Michael Posencheg, Carl Bose, Mark Hudak, Michelle Pena, Sophie Balk, Nicolle Dyess, Alexis Davis, Ravi Patel, Janine Bernardo, Joshua Petrikin, and Shweta Parmekar. They all did a fabulous job moderating the sessions and fostering stimulating discussions in a virtual format. I think we all wished we had more discussion time with our wise speakers as 20 minutes went too quickly! I especially want to thank Jim Couto, AAP, as he was tirelessly working behind the scenes to pull this program together in short order and seamlessly made many moving parts come together.

As we switched to a virtual meeting, we made the difficult decision to hold the annual SONPM awards presentation and lectureships at a later date so that these outstanding individuals could receive the honor and recognition that they deserve for their incredible contributions to our field of medicine. The Avroy Fanaroff Neonatal Education award will be presented to Dara Brodsky. The Landmark Award will be presented to Seetha Shankaran. The Neonatal Pioneer Award and Virginia Apgar Award will be presented to Gil Martin and Richard Polin, respectively. The Thomas Cone and Gerald Merenstein lectureships will be given by Joan Alker and John Zupancic, respectively.

The program was kicked off by Michael Posencheg, the Scientific Abstract Session Chair, on Saturday morning. The quality and breadth of the abstract presentations were inspiring and the oral presentations were very impressive. Presentations included outcome studies focused on various factors including gestational age, Trisomy 13/18, racial and ethnic disparities in the NICU and after discharge in high risk follow-up programs; determining hemodynamic effects of transcatheter PDA closure and during chest compressions for neonatal bradycardia; and evaluation of the Eat, Sleep, Console tool for treatment of neonatal opioid withdrawal. Several presenters highlighted findings from their basic science investigation on GSDMD effects on hyperoxia-induced lung and retinal injury, prenatal heparin-binding growth factor on necrotizing enterocolitis and neural inflammation, and enhancement of blood cell production using pluripotent stem cells and endothelial expansion. Two presenters were awarded the Young Investigator's Award based on scientific merit, presentation, and discussion quality.

Ali Slone and Katie Hoge presented an outstanding video summary of the new TECaN Advocacy Campaign called Carousel Care. The Campaign's mission is to provide education, increase awareness, and engage AAP members in advocacy for family mental health and wellness in the NICU. Please visit the TECaN advocacy webpage to get further information and join in this fantastic approach to complete care for our families and patients.

The program included two joint programs between the SONPM and the Council on Environmental Health and Climate Change and the Council on Genetics (COG). These sessions were enlightening and covered topics that are not a traditional focus in neonatal-perinatal medicine but are certainly important as they can have life-long consequences. We learned that we can take measures to decrease environmental exposures to air pollution, fluorinated "forever" chemicals, and phthalates to lessen their impact on fetal, newborn, and childhood health. Thanks to Sophie Balk for co-chairing this session and providing a broad and important perspective on our environment's effects on health. The joint session between COG and SONPM was intriguing, covering the

fundamentals of current genetic evaluation techniques, interventions, and revealing what our near future holds in the world of fetal and neonatal genetic evaluation and therapies. We are on an exciting path in the field of genetics and its expansion into fetal and neonatal medicine.

The remaining session was a “State-of-the-Art” session during which we learned about a broad array of topics from a systematic approach to NICU care, especially decreasing unnecessary and painful procedures; machine learning and its current application to ROP; current approaches in a neonatal neuro-ICU; and approaches to airway pathology after babies have been discharged from the NICU. It was a fantastic session that opened our eyes and minds to a different way to approach and care for babies in the NICU and after discharge.

I want to thank all who attended. For those of you who were unable to attend this year, there is always next year! We WILL have an “in person” meeting in sunny Anaheim, CA on October 7-11, 2022. Please join us - we miss you and can't wait to see you again!

2021 AAP NCE SONPM Scientific Session and 2022 Section Program Preview

Michael A Posencheg MD, FAAP

I had the honor of chairing the Scientific Abstract Session on the first day of the SONPM NCE Program, along with our incredible Program Chair, Dr. Jim Barry. For a second year in a row, we were virtual, but took the learning from 2020 to make this a fantastic session.

We had a tremendous number of abstract submissions, having nearly 300 submissions for our Section Program. These abstracts were reviewed with 90 accepted for the virtual poster hall and an additional 10 for oral abstract session. The following were the 10 abstracts that were chosen for oral presentation:

1. *Racial and Ethnic Inequity in High-risk Infant Follow up Program (HRIF) Participation: A Multilevel Analysis of Individual- and Hospital-level Factors in a Nationally Representative Sample* - Yarden Fraiman MD, MPH, Beth Israel Deaconess Medical Center
2. *Racial Disparities in Infant Mortality Are Impacted by Gestational Age at Birth* - Nimrah Baig MD, Cincinnati Children's Medical Center
3. *National Trends in Survival and Short-term Outcomes of Periviable Births ≤ 24 Weeks Gestation in the United States, 2009-2018* - Samarth Shukla MD, University of Florida College of Medicine

4. *Short-term Respiratory and Hemodynamic Outcomes Following Transcatheter PDA Closure in Premature Infants* - Lida Zeinali MD, University of California Davis
5. *Chest Compressions During Neonatal Bradycardia Do Not Enhance Flow to Vital Organs but Reduce Inherent Cardiac Activity* - Praveen Chandrasekharan MD, MS, State University of New York, Buffalo
6. *GSDMD Gene Knockout Prevents Hyperoxia-induced Lung and Retina Injury in Neonatal Mice* - Sarah Sonny MD, MBA, University of Miami, Jackson Memorial
7. *Trends in Invasive Procedures, Surgery and Mortality Among Neonatal Hospitalizations with Trisomy 13 and 18 in the United States, 2009-2018* - Jessica Ohemeng-Dapaah MB ChB, The Trust Hospital, Ghana
8. *Prenatal Heparin-binding Epidermal Growth Factor (HB-EGF) Therapy Against Necrotizing Enterocolitis (NEC) and Resultant Neuro-inflammation* - Vonita Chawla MBBS, Loma Linda University
9. *Impact of Eat, Sleep, Console Versus Finnegan Assessment Tool for Neonatal Opioid Withdrawal Syndrome in a Mother-Baby Couplet Care and Neonatal Intensive Care Unit Setting* - Lisa Chyi MD, Kaiser Permanente, Walnut Creek
10. *Endothelial Expansion Contributes to Enhanced Blood Cell Production from Tropomyosin 1 Deficient Induced Pluripotent Stem Cells* - Christopher Thom MD, PhD, Children's Hospital of Philadelphia

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 2021 Program (see below).

In our second year in a virtual setting, the abstract session was well attended, well received, and quite engaging. During the session, we had over 200 attendees that joined!

We hope to see you in person next year at the NCE in Anaheim, CA on October 7-11, 2022! We are working with our partners in other societies to bring another exciting SONPM program. We are working on a joint symposium between the Sections of Neonatal-Perinatal Medicine and Nephrology to discuss the renal issues in premature babies. The issues to be discussed will include, but are not limited to, the maturation of renal function, the criteria used for acute kidney injury diagnosis in a premature baby, the unique vulnerabilities of the kidney in

Coding Q&A – The Telehealth Consult

Scott D Duncan MD, MHA, FAAP

A term baby is born vaginally with decreased tone and decreased respiratory effort. The attending pediatrician provides positive pressure ventilation in the delivery room and subsequently admits the baby to the birth hospital level 2 NICU while on nasal CPAP with Apgar 4 and 7. After informing the parents, the pediatrician requests a telehealth neonatology consult from the community level 3 referral center to assess need for cooling transfer and recommendations for subsequent management.

The referral center neonatologist provides a telehealth consult with real-time audio-visual technology while using the bedside nurse as a telepresenter. At the time of consult, the baby is 1 hour old, and the neonatologist performs a detailed history and exam that suggests improving symptoms with pulse ox saturation of 95% on 30% O₂, nasal CPAP +5, mild unlabored tachypnea, alert, active, appropriate tone, clear CXR. The neonatologist recommends that the pediatrician screen for infection, continue weaning as tolerated from respiratory support, that cooling is not necessary, and that follow-up with the neonatologist be obtained if course does not continue improving.

Question: What elements of care underlie this neonatologist's telehealth consultation, and how does the neonatologist report the service?

Answer: As with any consultation, the neonatologist would not report a consultation code if accepting the baby for transfer of care. In the above scenario, the baby is remaining under the care of the pediatrician at the patient's originating site, and thus the distant site neonatologist may report an inpatient consultation code (99251-99255). For this baby, the neonatologist provided moderate medical decision making but detailed exam and history supportive of 99253. Most payers request that modifier 95 be appended to the service reflecting a real-time audio-visual telehealth service. In addition, many payers may request that place of service 02 be reported on the claim to indicate a telehealth service, although other payers may recommend using the conventional patient place of service (in this case, inpatient hospital place of service 21). An appropriate ICD10 code for this consultant service could be P22.1 (TTN).

The telehealth visit uses the same codes as if the consultant had been physically present with the baby, although the consultant should be aware of several additional elements unique to telehealth, such as:

- Most payers request that the patient and/or family provide consent prior to the telehealth visit. Typically, consent can be obtained verbally by the requesting physician, and the consultant would want to document in their note that consent had been obtained.
- The consultant uses HIPAA-compliant, secure, real-time audio-visual technology to access the patient and/or bedside staff and family.
- The telehealth consultant would want to include their report in the patient's medical record as well as retaining a copy of the report in their own record repository.
- Documentation and billing processes for telehealth visits may vary based on institutional and group practice standards.

The telehealth consultant's note includes the following:

- Patient identifiers, such as name and date of birth
- Name of requesting physician
- Reason for consultation
- Location of originating site patient
- Location of distant site consultant
- Use of HIPAA-compliant real-time, synchronous, audio-visual technology
- Presence of telepresenter (such as bedside nurse) if one assisted with exam
- Confirmation of patient/family consent for telehealth visit
- Start time of telehealth visit
- End time of telehealth visit
- The typical elements of a consultation service such as History, Exam, and Medical Decision-Making (assessment, recommendations)

a premature baby to nephrotoxins (Baby NINJA), hypoxia and hypoperfusion injury, and follow up considerations for the primary care pediatrician.

If you have any feedback from the Section's 2021 virtual scientific session, posters, or program please contact me at michael.posencheg@pennmedicine.upenn.edu.

2021 Young Investigator Awardees

Michael A Posencheg MD, FAAP

Christopher Thom MD, PhD

*Endothelial Expansion
Contributes to
Enhanced Blood
Cell Production
from Tropomyosin
1 Deficient Induced
Pluripotent Stem Cells*

Doctor Thom received his BA in Chemistry from Williams College and his MD/PhD degrees from the Perelman School of Medicine at the University of Pennsylvania.

He completed his Pediatrics residency and Neonatal-Perinatal Medicine fellowship at the Children's Hospital of Philadelphia, completing fellowship in July 2021. His research is focused on genetic and clinical factors that influence blood and platelet biology and has culminated in recent publications in *BMC Biology*, *Platelets*, *Journal of Thrombosis and Haemostasis*, *BMC Medical Genomics*, and *Human Molecular Genetics*. He is currently a neonatologist at the Children's Hospital of Philadelphia.



Praveen Chandrasekharan MD, MS

*Chest Compressions
for Neonatal
Bradycardia Do Not
Enhance Flow to Vital
Organs but Reduces
Inherent Cardiac
Activity*

Doctor Chandrasekharan is an Assistant Professor of Pediatrics at the State University of New York at Buffalo. Since his fellowship days, his interest has been in translational science, evaluating the adaptation of cardio-pulmonary-neural



aspects during the fetal transition at birth using both term and preterm models. As an attending neonatologist, he has published fifty peer-reviewed articles, serves as a reviewer for multiple journals and NIH, and has obtained grants from AAP NRP, ZOLL Foundation, NICHD, and NHLBI to support his research work. Recently, Praveen received a R01 grant from NICHD for his research proposal titled, "Optimizing Chest Compressions for Bradycardia during Neonatal Resuscitation." As a K12 implementation science scholar, he works on "Improving Quality of Neonatal Resuscitation." In addition, he serves as the Respiratory Medical Director at the Oishei Children's Hospital and continues to work on implementing protocols to reduce bronchopulmonary dysplasia in extremely premature neonates. Along with his excellent lab team, colleagues, and fellows, Praveen collaborates with Drs. Lakshminrusimha, Lipshultz, and Singh on his translational and implementation science projects.

Coding Committee Call for New Members

Scott Duncan MD, MHA

The Coding Committee of the SONPM functions as an educational asset to members at a local, regional and national level, focused on CPT coding, ICD-10 coding and proper documentation. Historically, members have played integral roles in CPT code and ICD-10 code development and validation, in addition to publishing *the Quick Reference Guide to Coding and Documentation*.

The Coding Committee meets twice annually, at the AAP Perinatal Practice Strategies meeting in Scottsdale, where we present a coding workshop and an advanced coding seminar, as well as at the AAP NCE. In addition to the coding workshop, the Committee participates in podcasts, other aspects of social media, a coding toolkit and other AAP publications.

The Coding Committee is seeking applicants to fill current openings within District I, III, VI, VII and IX. Expectations of members are:

1. Attend all Committee meetings
2. Contribute 3-5 coding vignettes for the AAP Perinatal Practice Strategies workshop
3. Contribute coding vignettes to the SONPM Coding Q&A on a rotational basis.
4. Contribute coding vignettes to the SONPM website (approximately 2 times per year)

Members should be aware that travel expenses for in-person meeting attendance and attendance at Scottsdale may be only partially reimbursed by the Section.

The current Committee will reconvene early in the first quarter of 2022 to review applicants. If interested, please forward your CV to Scott Duncan MD, MHA, at sddunc02@louisville.edu. In addition, please submit a Statement of Interest that addresses these two questions:

1. Why do you want to be on the AAP SONPM Coding Committee?
2. What is your previous experience with coding and documentation and/or involvement with AAP SONPM?

Additional statements are not necessary if you previously submitted a Statement of Interest with your CV. Please submit all materials by March 1, 2022.

SOPNM Coding Committee:

Scott Duncan MD, MHA (Chair)

David M Kanter MD, MBA, CPC

Sheri Nemerofsky MD

Kate Stanley MD

Kara Wong Ramsey MD

Emeritus Members: Edward Liechty MD; Gil Martin MD;

Richard Molteni MD; Stephen Pearlman MD, MSHQS; Ted

Rosenkrantz MD

NANN & NANNP Updates

Lisa Grisham APRN, NNP-BC

Our mission is to be the professional voice that shapes neonatal nursing through excellence in practice, education, research, and professional development.

NANN continues to update our webpage (<http://nann.org/education/coronavirus>) with information and resources to support healthcare workers and NICU families during the COVID-19 pandemic. The site references statements from the AAP, ACOG, ANA, CDC, WHO and more.

The 37th Annual Conference was held virtually September 13-15, 2021. The 38th Annual Conference is scheduled for September 14-17, 2022 in Las Vegas, NV. Planning is still underway and although the plan is for an in-person experience, it has not been decided if a virtual option will be available.

As NANN is dedicated to including Health and Racial Equity as an organization strategic pillar, we find it crucial to keep our community updated on the latest information and resources surrounding this topic. Our new Health and Racial Equity web page includes a free NANN virtual recorded session focused on health equity and cultural competency, NANN's publications on racial equity, and a growing list of external resources.

NANN is dedicated to advocating at the local, state, and federal level for optimized care and positive outcomes for neonates and their families, and for the nurses who care for them. NANN provides legislative and advocacy tools to assist members with education and participation in the policy arena. At times, NANN also partners with

other organizations to provide NANN members with the most current and relevant information. Advocacy priorities include:

- Disparities Within Neonatal Care
- COVID-19 Impact on Patients and Nurses
- Mental Health of NICU Families and Nurses
- Nursing Workforce Development
- Paid Family Leave
- Nutrition and Breastfeeding

Recent NANN position and consensus statements include:

Essential Care in the NICU during the COVID-19 Pandemic (January 2021) – In this consensus statement the Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN), the National Association of Neonatal Nurses (NANN), and the National Perinatal Association (NPA) recognize the unique challenges facing healthcare providers in reducing the risks of COVID-19 transmission while encouraging parent presence and engagement in care. AWHONN, NPA, and NANN believe that NICU parents are "essential caregivers" and should be able to have access to their infants at any time and with both parents present simultaneously.

COVID-19 Vaccination Position Statement (May 2021) - Regarding COVID-19 vaccination, NANN recommends that nurses get vaccinated, that nurses keep abreast of the most updated information regarding vaccination, that nurses convey accurate information about the vaccines, and that nurses develop strategies to reinforce confidence in vaccination.

Medication Safety in the NICU (June 2021) - NANN recommends a comprehensive approach to medication safety in the NICU that integrates technology, focused healthcare provider medication safety education, standardized medication process, and robust medication error reporting and prevention efforts. NANN recommends an array of medication safety practices to those caring for the neonatal population.

RN Staffing in the NICU (September 2021) - NANN recommends staffing be based on the acuity of the population served and that the principles of staffing and finance be shared with frontline nurses who then have a say in the development of staffing policies.

Congratulations to our members that have recently been recognized with awards:

- Distinguished Service in NANN Award – Jill Beck MSN, RNC-NIC, C-NNIC
- Leadership – Katherine Newman PhD, RN, NNP-BC, CPNP
- Lifetime Achievement in Neonatal Nursing – Madge E. Buus-Frank DNP, APRN-BC, FAAN
- Mentor of the Year – Andrea C. Morris DNP, CNS, RNC-NIC, CCRN, NTMNC

- NNP Excellence – Michele Kacmarcik Savin DNP, APRN, NNP-BC
- Rising Star – Chip LeDuff DNP, RNC-NIC, NNP-BC
- Robin Main Excellence in Clinical Practice – Raymond K. Riley BSN, RNC-NIC, C-NPT

Studying and Publishing History of Medicine Papers: Sources and Resources

Tonse N K Raju MD, DCH, FAAP

It is not easy finding time to read materials outside one's field of specialty, especially for those involved in high-intensity patient care. However, for those interested to read and publish papers on history of medicine, with only a little bit of effort, they can incorporate a routine to browse available resources through the internet, which can be gratifying helping them to expand their conceptual horizons and generate ideas for research and writing. In this brief piece, I will provide some of those links, along with a few personal examples.

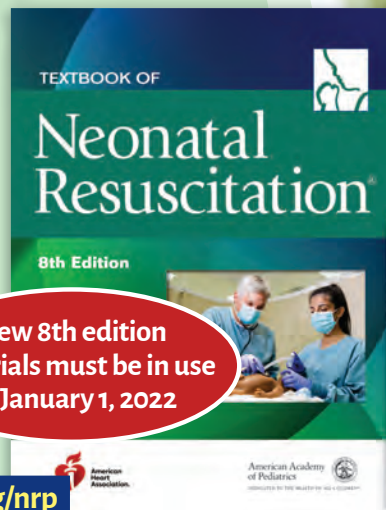
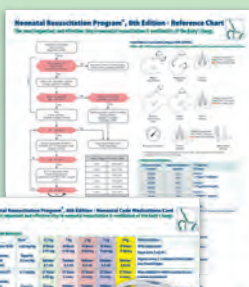
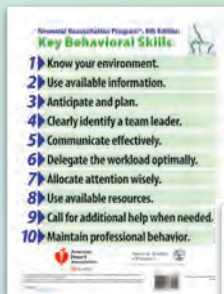
There is an online journal available for free, *Hektoen International: A Journal of Medical Humanities*, published by the Hektoen Institute for Medical Research in Chicago. Learn more at <http://www.hektoen.org>. The Journal has 30

main sections covering topics from Anatomy to War and Veterans. There are eight other sections, one of which is the delightful *Quotations* section, an excellent source for quotations one can incorporate into one's presentations. After the website visit, a worthwhile exercise would be to read the inspiring biography of Dr. Ludvig Hektoen (1863–1951), an American pathologist after whom the Institute and the Journal were named.

The Journal has brief, but high-quality articles on wide ranging subjects, including Birth, Pregnancy & Obstetrics. It has a worldwide circulation. In November of 2021, *Hektoen International* had 49,040 users viewing the site and 124,253 page views. As of November 30, 2021, the journal has had 550,912 users and 1,468,865 page views. The editorial office has a list of 68,418 subscribers to the newsletter. It conducts an annual Hektoen Grand Prix essay contest that attracts thousands of submissions from its worldwide subscribers.

The National Library of Medicine's PubMed has indexed *Hektoen International*. Therefore, publications in this journal are "formal" papers. The journal reviews the submissions within days, makes decisions quickly, and publishes the accepted articles within weeks. I have listed a few of my publications in *Hektoen International* as examples of templates for your articles. If interested, please access my articles listed below by using my name

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in the search field of the journal webpage. I have cited other examples of history of medicine articles one can publish in traditional biomedical journals.

Papers in Hektoen International

- “Reconstructing memories and history in *One Hundred Years of Solitude* by Gabriel García-Márquez”: The title says it all. If you have read novels of García-Márquez including the one above, this article might resonate well with you.
- “The trouble with the belly button”: It is a simple dimple in the mid-abdomen. Yet for medieval artists, it caused mighty headaches while painting portraits of Adam and Eve.
- “Battling poverty, injustice, ignorance and fear, and despair”: An unusual statue of Don Quixote de la Mancha and Sancho Panza at the Health Sciences Library, University of Illinois, Chicago.
- “Dr. Charles Alexander Eastman”: A pioneer Native American, the only doctor who treated the injured survivors in the South Dakota Wounded Knee Massacre on December 29, 1890. He then worked to help the rest of the U.S. to accept and appreciate the rich and ancient cultural heritage of the indigenous people.

Journals

Many journals are devoted to the history of medicine topics. Check with your library for availability. Some examples are: *Bulletin of the History of Medicine*; *Medical History* (Cambridge); and *Journal of Medical Biography*.

Traditional medical journals, too, publish medical history papers, if they are related to the journal's topics of interest. Obtain pre-submission permission before writing the article. The AAP journal, *Pediatrics*, has the *Historical Perspectives Feature* series edited by Dr. Jeffrey P. Baker MD, PhD. Feel free to contact him at jeffrey.baker@dm.duke.edu. Even high-profile journals such as *The Lancet*, *NEJM*, and the *BMJ* publish medical history papers. Please check with the editors prior to submitting.

The following are examples of my recently-published papers in traditional medical journals.

- Naming Mount Barcroft. *High Alt Med Biol* 2020 Jun;21(2):200-203.
- The Doctor Stamp and COVID-19: A Perspective. *Perspect Biol Med* 2021;64(2):246-250.
- From Galen to Gross, and beyond: a brief history of the enigmatic patent ductus arteriosus. *J Perinatol* 2019 Nov;39(11):1442-1448.

Resources for Research

- The NLM History of Medicine Division www.nlm.nih.gov/hmd. NLM has a directory of other institutions with significant holdings: <http://wwwcf.nlm.nih.gov/hmddirectory/>
- American Academy of Pediatrics: Pediatric History Center <https://www.aap.org/en/about-the-aap/gartner-pediatric-history-center/>
- The Medical Heritage Library <http://www.archive.org/details/medicalheritagelibrary>
- Medical Humanities Syllabi <http://endeavor.med.nyu.edu/lit-med/medhum.html>
- Wellcome Library: <http://library.wellcome.ac.uk/assets/WTX055986.pdf>
- Free to access to other Wellcome Library sites, including Wellcome Images picture library: <http://images.wellcome.ac.uk/>, Wellcome Film: <http://library.wellcome.ac.uk/wellcomefilm.htm>., digitized films through Wellcome Film channel on YouTube <http://www.youtube.com/user/WellcomeFilm>
- Dr. Jackie Duffin personal website (www.histmed.ca): Bibliography *History of Medicine: A Scandalously Short Introduction*. The book is entirely online. It is bibliography by topic and geography, listing selected readings. Also, Medical History for Travelers.

Tonse Raju's contact information:

The ECHO Office
Three White Flint North
11601 Landsdown Street
North Bethesda, MD 20852
tonse.raju@nih.gov

SONPM NICU Follow-up Work Group

Ricki Goldstein MD

During the past year, a NICU Follow-up Work Group, under the leadership of Dr. Ricki Goldstein, has been established to develop a needs assessment for high-risk infant follow-up, make recommendations for national standards of follow-up care and propose a list of objectives and feasible deliverables to the SONPM Executive Committee related to issues in NICU follow-up. The Work Group is comprised of follow-up neonatologists with representation from all geographic areas of the country, types of NICUs (academic and private) and career levels (TECaN, MidCaN and WECaN), as well as a representative from the SONPM Executive Committee. The Work Group began meeting monthly in February 2021.

The Work Group began by defining some important principles underlying high-risk infant follow-up (HRIF). These principles include:

- Comprehensive multidisciplinary medical and developmental follow-up is essential to ensure best long-term outcomes.
- Eligibility criteria for HRIF, although sometimes mandated by states, should be developed using best evidence that places infants at risk for poor long-term outcomes.
- Psychosocial and mental health problems in families and caregivers should be screened for before discharge and in NICU follow-up programs.
- Assessments performed should evaluate physiologic and developmental domains in a standardized longitudinal manner, and should have the highest possible quality of evidence, when balanced with available resources.
- NICU follow-up programs should make referrals for treatment types and developmental interventions which have the highest level of published evidence for safety and efficacy for specific conditions.

The initial primary objective of the Work Group is to develop national standards for follow-up with regards to who to follow, how to follow, what should be followed and when and for how long follow-up should be continued. Recommendations for standard of follow-up care will be based on published evidence and/or expert opinion. Levels of risk with respect to gestational age (<28-32 weeks), birth weight (<1000-1500 grams), illnesses and morbidities, and social factors will all be considered when exploring who should be followed. Different follow-up models of care (developmental +/- medical) will be examined, as well as duration of follow-up and makeup of the follow-up evaluation team when defining how infants should be followed. Determining what and when to follow will involve a review of both screening and formal evaluation tools and various schedules of evaluations used.

To compare different models of NICU follow-up, the Work Group developed a survey to query Neonatology chiefs and/or NICU directors regarding the features of their follow-up program and clinics. Follow-up models will be described by their geographic location (AAP district), type of hospital (academic vs. private) and level of care provided. Features to be compared will include source of referrals, purpose of follow-up (medical and/or developmental, clinical care vs. research), eligibility criteria, types of medical care provided (primary, acute and/or chronic), telehealth services offered, type of developmental assessments utilized (screening vs. formal assessment), types of parental assessments administered, schedule of visits, duration of follow-up, and financial support or funding for the follow-up clinic.

Another aspect of NICU follow-up that the Work Group is interested in exploring is fellowship education. To this end, our TECaN members developed a survey to query both members of TECaN (< 7 years post fellowship) and MidCaN (8-17 years) with regards to education and experience in NICU follow-up during their training. The survey will enable a comparison of fellow education in follow-up in various AAP districts, at academic vs. private hospitals, and in different sized NICUs. Features to be compared include how often a fellow attended clinic, who provided education about HRIF evaluations and services, and whether the fellowship offered an educational pathway aimed at becoming a follow-up neonatologist.

The Work Group has recently been invited by the Committee on Fetus and Newborn (COFN) to develop a Technical Report providing evidence to justify the development of national standards for NICU follow-up. In addition to presenting evidence associated with the who, how, what, when and how long to follow, the Technical Report will also explore the use of telemedicine in NICU follow-up, care of the medically complex infant with technology dependence, social determinants of health and health disparities in NICU follow-up, and parental mental health screening and intervention. This Technical Report will be followed by a Clinical Report that will utilize the evidence presented to make recommendations for standards of care in NICU follow-up. When preparing the Clinical Report, representatives from the General Pediatric community will also be invited to participate.

Additional future projects that the Work Group is interested in pursuing include:

- Cost/benefit analysis for NICU follow-up
- Directory of follow-up programs
- Advocacy for improved payment models for follow-up
- Standardize fellowship curriculum requirements

There are many issues to address and much work to be done to improve the post-discharge medical and developmental follow-up care of NICU graduates and other groups of high-risk infants. Please contact Ricki Goldstein (Ricki.goldstein@uky.edu) if interested in participating.

NICU Follow-up Work Group members:

Ricki Goldstein (Chairperson), Yvette Johnson, Deborah Campbell, Sonia Imaizumi, Faranek Davalian, Jonathan Litt, Reye-Ann deRegnier, Nathalie Maitre, Andrea Duncan, Adrienne Pahl, Susan Hintz, Shetal Shah, Janice Hobbs, Betty Vohr

Get to Know the Neonatal Kidney Collaborative

Jeffrey L Segar MD

The Neonatal Kidney Collaborative (NKC), composed of neonatologists and pediatric nephrologists, was established in 2013 with the mission to improve the health of newborns with or at risk for kidney disease through multidisciplinary collaborative research, advocacy, and education. The vision of the NKC is to reduce the global burden of kidney disease by improving neonatal kidney health through the (1) promotion of high-quality research that expands the boundaries of detection and management of kidney disease in vulnerable infants, (2) development and dissemination of best practice clinical guidelines, and (3) establishment of consultative and educational resources for practitioners, trainees, and families.

Original work of the NKC was to perform the AWAKEN study (Assessment of Worldwide Acute Kidney Injury), which has resulted in numerous publications and informed clinicians and researchers regarding the epidemiology and risk factors for the development of neonatal acute

kidney injury. More recently, four distinct committees (Research, Education, Advocacy, and Communications) have been developed to accomplish the mission of the NKC. Led by David Askenazi at the University of Alabama at Birmingham, the NKC has over 160 members from 75+ institutions around the world. The NKC continues to welcome applications from new members and involvement within the committees.

The goal of the Research Committee of the NKC is to support secondary analyses from several databases and to assist in developing investigator-driven research projects. The Education Committee has developed several initiatives to provide educational resources to providers, trainees and families. The Communications Committee has developed journal clubs on Twitter, publishes the monthly newsletter and keeps the website relevant and interactive.

Please visit (www.babykidney.org) to learn more about the NKC including publications from the AWAKEN study, committee activities, educational resources about neonatal nephrology, and the application to become a member of the NKC. We welcome all levels of providers, including trainees.



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Rick.Skaar@rb.com
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William Silverman, MD Lecture

Sunday, April 24, 2022

3:30 – 4:15 pm

"Where's the Evidence?"

Haresh Kirpalani, MD

Introduction by Lily Lou, MD, FAAP

Chair, AAP Section on Neonatal-Perinatal Medicine

Sponsored by the AAP Section on Neonatal-Perinatal Medicine

NICU Follow-Up Club

Monday, April 25, 2022

11:30am – 1:00 pm

NICU Follow-up by telehealth: Is a hybrid model best?

Speakers:

Sara De Mauro, MD

Jonathan Litt, MD

Moderators: Deborah Campbell, MD, FAAP, Ricki Goldstein, MD, FAAP,

Supported by a grant from by Abbott Nutrition

Lily J Lou MD FAAP

Chair
Chicago, IL
lilylou@mindspring.com

Mark Hudak MD FAAP

Immediate Past Chair
Jacksonville, FL
mark.hudak@jax.ufl.edu

Munish Gupta MD FAAP

Chair-Elect
Boston, MA
mgupta@bidmc.harvard.edu

Wendy Timpson MD FAAP

DISTRICT I, Exec Comm Member
Boston, MA
wtimpson@bidmc.harvard.edu

Shetal Indravadan Shah MD FAAP

DISTRICT II, Exec Comm Member
Syosset, NY
shetaldoc@hotmail.com

Michael Alan Posencheg MD FAAP

DISTRICT III, Exec Comm Member
Newtown Square, PA
posencheg@email.chop.edu

Brian Paul Hackett, MD FAAP

DISTRICT IV, Exec Comm Member
Nashville, TN
brian.hackett@vumc.org

Beena Gaiind Sood MD MS FAAP

DISTRICT V, Exec Comm Member
Detroit, MI
bsood@med.wayne.edu

Joshua Erin Petrikin MD FAAP

DISTRICT VI, Exec Comm Member
Overland Park, KS
jepetrikin@cmh.edu

John Loyd MD FAAP

DISTRICT VII, Exec Comm Member
Austin, TX
john.loyd@austin.utexas.edu

James Scott Barry MD FAAP

DISTRICT VIII, Exec Comm Member
Aurora, CO
james.barry@ucdenver.edu

Alexis S Davis MD FAAP

DISTRICT IX, Exec Comm Member
Palo Alto, CA
alexisdavismd@gmail.com

Ravi Mangal Patel MD MSc

DISTRICT X, Exec Comm Member
Atlanta, GA
rmpatel@emory.edu

Carl L Bose MD MPH FAAP

Of Counsel
Chapel Hill, NC
cbose@med.unc.edu

SECTION COMMITTEE CHAIRS
AND LIAISONS**Heather H Burris MD FAAP**

TECaN Mentor
Philadelphia, PA
burrish@email.chop.edu

Dmitry Dukhovny MD FAAP

TECaN Mentor
Portland, OR
dukhovny@ohsu.edu

Ashley Lucke MD FAAP

TECaN Chair
Austin, TX
ashleyluckemd@gmail.com

Sergio G Golombek MD MPH

History Chair
Scarsdale, NY
sergi_golombek@nymc.edu

Scott Duncan MD FAAP

Chair, Coding Committee
Louisville, KY
scottd.duncan@louisville.edu

Mary Nock MD FAAP

Newsletter Editor
Cleveland, OH
mary.nock@uhhospitals.org

Stephen Pearlman MD MS FAAP

WECaN Chair
Neward, DE
spearlman@christianacare.org

Christiane Dammann MD FAAP

Chair, Women in Neonatology
Boston, MA
celdammann@gmail.com

Ann R Stark MD FAAP

Chair, Fellow Education Committee
Boston, MA
astark@bidmc.harvard.edu

Krithika Lingappan MD FAAP

Website Committee Chair
Philadelphia, PA
lingappan@chop.edu

Jorn-Hendrik Weitkamp MD FAAP

Chair, Research Committee
Nashville, TN
hendrik.weitkamp@vanderbilt.edu

Eric Horowitz MD FAAP

Chair, MidCaN
Marblehead, MA
horowite@ymail.com

Rakhi Gupta Basuray MD FAAP

Section on Hospital Medicine Liaison
New Albany, OH
rakhibasuray@gmail.com

Patrick Gallagher MD FAAP

Editor, Journal of Perinatology
New Haven, CT
patrick.gallagher@yale.edu

Ronald Ariagno MD FAAP

Liaison, Section on Advances in Therapeutics and Technology

ORGANIZATION LIAISONS

Palo Alto, CA
rla@leland.stanford.edu
Wanda Barfield MD MPH FAAP
Liaison, Centers for Disease Control
Atlanta, GA
Wjb5@cdc.gov

Media Esser

NANN Liaison
Wauwatosa, WI
phair712@gmail.com

Raylene Phillips MD FAAP

Liaison, National Perinatal Association
Lonedell, MO
rphillips@llu.edu

Patrick Myers MD FAAP

Chair, Organization of Neonatal-Perinatal Training Program Directors
Chicago, IL
pmyers@luriechildrens.org

Judette Louis MD MPH

Liaison, Society for Maternal Fetal Medicine (SMFM)
Tampa, FL
jlouis1@usf.edu

AAP STAFF

Jim Couto MA

Director, Hospital and Surgical Subspecialties
American Academy of Pediatrics
Phone: (630) 626-6656
jcouto@aap.org

Vivian Thorne

Manager, Hospital and Surgical Subspecialties
Phone: (630) 626-6669
vthorne@aap.org

**District I:
Wendy Timpson**

CONNECTICUT

*Connecticut Children's Medical Center,
Hartford*

Naveed Hussain, along with **Padmanabh Reddy** from the NICE Foundation, received the iCATCH Grant from the AAP Section on Global Health to implement, "Traditional Birth Attendant Training Program for Remote Tribal Villages" in the state of Andhra Pradesh in India. This three-year grant will help provide funds to train and support 80 birth attendants covering 40 villages in remote tribal areas.

Connecticut Children's Medical Center launched the Tiny Tales Reading Program in their Level IV NICU. This was in partnership with Read to Grow, a Connecticut-based organization that promotes early childhood literacy. Parents of newborns admitted to the NICU receive two books as well as educational materials highlighting the importance of reading. Launching the program has been a team effort, which included neonatologist **Shabnam Lainwala**, Nursing Director **Marge Julian**, NICU nurse **Kim Power**, and other nurses and advanced practitioners. They continue to partner with Read to Grow to bring similar reading programs to our sister NICUs statewide.

Yale-New Haven Children's Hospital

Save the date! The 3rd Annual Richard A. Ehrenkranz Neonatology Symposium will take place at Yale on April 5, 2022 and will focus on medical ethics. The program will include leaders in the field from the US and the UK. Pandemic permitting, there will be a dinner reception/reunion the evening before and this will be a live event with a web broadcast. We are hoping to see many friends, old and new. Registration information available soon from Valencia.culbreath@yale.edu.

Mark Mercurio was an invited speaker at the International Neonatology Meeting hosted by the University of Miami and the Neonatology Conference hosted by Vanderbilt University, giving talks on moral status and justice issues in the NICU, as well as ethical issues related to care of extremely low birthweight newborns.

Jeff Gruen received a patent for specific genetic screening techniques for reading/learning disabilities. This year, Jeff launched the Yale Program for Learning Disability Research, a multidisciplinary program integrating Pediatrics with the Yale Educational Studies Program, Computational Biology and Bioinformatics, Investigative Medicine, the Yale Stem Cell Center, and the Interdisciplinary Neuroscience Program.

Liza Konnikova is the new Co-Director for the Mentored Clinical Training Experience for the Training Program in Molecular Medicine (T32).

Sarah Taylor and **Cami Martin** (Beth Israel-Deaconess Medical Center) were awarded a NICHD R01 to determine very preterm

infant growth phenotypes and how they relate to nutritionally mediated health and neurodevelopment outcomes.

MASSACHUSETTS

Baystate Medical Center, Springfield

We recently welcomed newborn/continuing care nursery attending **Oluwaseyi Oni**.

Ruben Vaidya was elected into the Society of Pediatric Research.

Beth Israel Deaconess Medical Center, Boston

The BIDMC Department of Neonatology regretfully announces the passing of **William Cochran** who died in October at the age of 98. Will was a pioneer in Neonatology, as well as a master educator who, almost 60 years ago, helped to lead efforts to diversify the Harvard Medical School student body. Will served as Director of Nurseries at Beth Israel Hospital, the predecessor of BIDMC, from 1975 to 1993.

Elizabeth Montgomery Collins joined the department's hospitalist service in addition to providing pediatric care at Cambridge Hospital, with 20 years of experience serving the underserved in pediatric academia and international health. She is an Associate Editor of the *Journal of Tropical Pediatrics*. She holds a Master of Public Health degree, a Diploma in Tropical Medicine, and is a consultant to the NIH Office of AIDS Research.

Munish Gupta was named the 2021 recipient of the Diop Award by the Perinatal-Neonatal Quality Improvement Network of Massachusetts. Munish was recognized for his leadership of QI efforts while galvanizing hospital teams, public health professionals, legislators, and advocacy groups to improve the care of newborns and their families. The award is named for Dr. Hafsatou Diop from the Massachusetts Department of Health in honor of her steadfast and visionary state and national leadership in maternal and child health.

DeWayne Pursley was named Chair-Elect of the Board of Directors of the American Board of Pediatrics. DeWayne was also named as the inaugural Chair of the Equity and Diversity Advisory Board of the Vermont-Oxford Network.

Yarden Fraiman was awarded the Section on Neonatal-Perinatal Medicine Travel Award to present his abstract, "Racial and Ethnic Inequity in High-Risk Infant Follow-up Program (HRIF) Participation: A Multilevel Analysis of Individual- and Hospital-Level Factors in a Nationally Representative Sample" as a podium presentation at the AAP NCE. Yarden was also accepted as a Fellow of the health services journal, *Health Affairs*, reflecting his dedication to advance racial health equity through health policy and health services research.

Cami Martin and **Sarah Taylor** (Yale) were awarded an NICHD R01 for their proposal titled, "Phenotypic Driven Growth Trajectories in Very Preterm Infants to Define Nutritionally Mediated Health Outcomes and Modifiable Targets."

Helen Healy was selected as one of five neonatal-perinatal fellows and early career neonatologists as a 2021 AAP SONPM and VON Scholar. AAP/VON Scholar Awards recognize "future leaders in newborn care who exemplify dedication to data-driven QI in the care of infants and families." In addition to this recognition, Helen had the opportunity to present her work on NICU respiratory support QI at the fall VON Annual Quality Congress and has a sponsored invitation to attend the 2022 Congress.

Kristyn Beam has been selected to receive an NIH Loan Repayment Plan Award through the National Heart, Lung, and Blood Institute.

John Zupancic presented on the topic, "Leveraging Evidence and Economics to Optimize Health for Children" at the Kiev International Neonatology Conference in November.

Sarah Kunz has been elected to the Society for Pediatric Research.

Wendy Timpson was recognized by the BIDMC Maternal-Fetal Medicine Division as the inaugural recipient of the Award for Compassionate Prenatal Pediatrics.

Diana Yanni was accepted into the Kern Faculty Fellowship for Leading Change for Humanistic Healthcare.

The BIDMC McCormick Lectureship in Neonatal Health Services Research and Epidemiology was awarded to **Scott Lorch** of the Children's Hospital of Philadelphia. The Lectureship honors the achievements and contributions of **Marie McCormick**, our long-time colleague and Senior Associate for Academic Affairs in the BIDMC Department of Neonatology.

Boston Children's Hospital

Adam Fiseha Kebede was named to the list of 1,000 Inspiring Black Scientists in America in *Cell Mentor*.

Kristen Leeman received the Merton Bernfield Award for her role as an exemplary mentor and teacher within the Harvard Neonatal-Perinatal Medicine Fellowship Training Program.

Genevieve Guyol and **Brooke Krbec** received AAP Marshall Klaus Neonatal-Perinatal Research Awards for their fellowship research projects.

Nikita Kalluri was accepted into the Health Services Research Fellowship at the Harvard T.H. Chan School of Public Health.

Margaret Ong won the Boston Children's Hospital Alumni Association Trainee Travel Award for Excellence.

3rd year fellow **Matthew Lin** was accepted to the Pediatric Hospice and Palliative Care Fellowship at Children's National Hospital in Washington DC, which he will begin after graduation from the Harvard Neonatal-Perinatal Fellowship.

Eric Greer received a NIAID MPI R01 titled, "Cap-Specific N6 Methylation of Viral mRNA by the Cellular Methyltransferase PCIF1."

Kiho Im received a COVID supplement from AHA titled, “Developing a Predictive Model of Fetal to Neonatal Brain Development in Congenital Heart Disease”. Kiho also received an R01 titled, “Measuring Cortical Plate and Subplate Thickness in the Human Fetal Brain from Magnetic Resonance Images.”

Amy O’Connell received a supplement to her K08 titled, “The Role of Wnt2b in Small Intestinal Health.”

Sarah Morton received an R03 titled, “Computational Prioritization of Non-Coding Variants in Congenital Heart Disease.”

Pankaj Agrawal received an R01 titled, “VIGOR: Virtual Genome Center for Infant Health.”

Ellen Grant received an U01 titled, “5/24 Healthy Brain and Child Development National Consortium.”

Boston Medical Center

Vincent Smith was promoted to Professor of Pediatrics.

Meg Parker received a R01 from the National Human Genome Research Institute on a project titled, “Virtual Genome Center.” This implementation research project will test the implementation of a virtual genome center at four NICUs, three of which are in District I (Boston Medical Center, Baystate Medical Center, and UMass Memorial Medical Center). Meg is Co-PI with **Pankaj Agrawal** (Boston Children’s Hospital).

Gaby Cordova Ramos received an internal grant from the BMC Health Equity Accelerator Program for an implementation study to examine a dual peer lactation and social determinants of health screening/referral program in the NICU.

Brigham and Women’s Hospital, Boston

In October 2021, we bid farewell to **Linda Van Marter** who left Brigham and Women’s Hospital and the Harvard system after an esteemed career and service as a neonatologist, clinical leader, researcher, and mentor. She has assumed the role of Director, Maternal, Fetal and Neonatal Institute and Chief of Newborn Medicine at Johns Hopkins All Children’s Hospital in Florida.

In July 2021, we welcomed three new faculty members. **Krysten North** completed her fellowship at the University of North Carolina. **Laura Bernardini** completed her fellowship at the Harvard Program. **Mollie Warren** joined us from Duke University to lead our new Transition to Home Program.

In September 2021, we welcomed **Melissa Woythaler** from UMass Memorial Hospital.

In December 2021, we welcomed back **Elisa Abdulhayoglu** as the NICU Medical Director.

Mandy Belfort and **Anne Lee** were elected to the American Pediatric Society.

Helen Christou will be the inaugural holder of the Elizabeth G. Nabel Chair in Pediatrics at Brigham and Women’s Hospital.

Saila Ghanta was promoted to Assistant Professor of Pediatrics at Harvard Medical School.

Katherine Bell was appointed Associate Director of Education for the Department of Pediatric Newborn Medicine.

Cindy Liu is leading our new Parental Mental Health Program.

Massachusetts General Hospital, Boston

Xingbin Ai was awarded a NIH R01 award, “Age-Related Mechanisms of T Helper 2 Memory in the Early Lung.”

Paul Lerou was awarded a NIH R21 award, “Modeling the Premature Airway with Neonatal Airway Basal Cells.”

Brett Nelson was awarded a Fulbright Global Scholar Award.

David Schiff was awarded Moms Do Care funding by the Commonwealth of Massachusetts to support the MGH HOPE (Harnessing support of Opioid and substance use disorders in Pregnancy and Early childhood) Clinic.

Sara Bates was awarded an Anne Klibanski Visiting Scholars Award

South Shore Hospital, South Weymouth

We are happy to announce that we have hired two new NNPs to join our program: **Marybeth Goslin** and **Annemarie Kerry**

Tufts Medical Center, Boston

The TCH Newborn Division, under the leadership of **Romal Jassar**, successfully hosted the 5th Annual New England Senior Fellows Simulation Bootcamp in person on December 3. The program is supported by an AAP SONPM grant and was attended by 16 Neonatal-Perinatal Medicine fellows from Dartmouth, Tufts, UConn, UMass and Yale.

Christiane Dammann was elected as the Chair of Women in Neonatology (WiN). She co-authored/mentored two AAP ALF resolutions supported by WiN, SONPM, and FLEX: “Promote a Workplace Infrastructure Supportive of Pediatrician Parents” and “Gender Equity.”

Christiane Dammann was a recipient of an AAP SONPM Strategic Grant to establish national guidelines to promote growth and development of female neonatologists and minimize gender disparities in all aspects of their careers.

Raja Senguttuvan has championed healthcare economics in the NICU. “Closing Documentation Gaps: Increasing CMI in a Community Special Care Nursery” has been published as a case exemplar for application in the book *Data Driven Quality Improvement and Sustainability in Healthcare*.

Jonathan Davis was a recipient of a NICHD Director’s Award for supporting the Best Pharmaceutical for Children Act Framework to Enable Pediatric Drug Development, a Data Pioneering Award from the Critical Path Institute for leading efforts with the FDA to

use real world data to generate real world evidence to enhance neonatal drug and device development. He was also appointed as a Senior Advisor for Pediatrics to the Critical Path Institute. They work collaboratively with global regulatory agencies to facilitate the development of drugs and devices for children.

Jonathan Davis gave international lectures on “Implications of COVID 19 on Health Policy, International Society for Pharmacoepidemiology and Global Challenges and Opportunities for Improving Neonatal Drug and Device Development,” at Japan Society of Developmental Pharmacology and Therapeutics.

Jonathan Davis is a Co-Investigator with RTI (Data Coordinating Center for the NRN and other neonatal trials) for the Buprenorphine Trial in NOWS (NOWS PhaCET), funded by the NICHD.

The commentary titled, “The Impact of Antenatal Cannabis Use on the Neonate: Time for Open Engagement?” co-authored by **Rachana Singh, DeWayne Pursley** (BIDMC) and **Jonathan Davis** won an Editor’s Recognition Award from *Pediatric Research*.

Elizabeth Yen was the recipient of 2021 International Behavioural and Neural Genetics Society Outstanding Junior Faculty Award for her research focusing on the impact of prenatal opioid exposure on the developing brain.

UMass Memorial Children’s Medical Center, Worcester

UMASS hosted a very successful 22nd Annual Braden E. Griffin Memorial Symposium in November. **Mark Hudak** provided the Doug Richardson Lecture and **Jonathan Klein** provided the Braden Griffin Lecture.

RHODE ISLAND

Women & Infants Hospital of Rhode Island, Providence

On June 2, the Department of Pediatrics honored our three fellow graduates: **Ogochukwu Nwanne, Danielle Koltz, and Giulia Molinaro**.

Betty Vohr gave a virtual presentation to the International Perinatal Collegium in June entitled, “Impact of COVID on Enrollment and Follow-up in Research Studies in Rhode Island.”

Betty Vohr was notified by *Expertscape’s* PubMed-based algorithms that she placed in the top 0.1% of scholars writing about premature infants over the past 10 years, a level labeled as “World Expert.” As part of regular “Daily Experts” announcements, *Expertscape* tweeted the following on Wednesday, November 17, 2021: “Nov. 17 is World Prematurity Day. So congratulations to Dr. Betty R. Vohr of Brown University -- Recognized as an *Expertscape* World Expert in Premature Infants.”

Care New England announced the appointment of **Jill Maron** as the Chief of Pediatrics at Women & Infants Hospital. Dr. Maron is also the Oh-Zopf Endowed Chair of Pediatrics at Brown University. Dr. Maron began her new role on October 1, 2021. Dr. Maron comes to Women & Infants from serving as the Vice Chair of Pediatric Research and Executive Director of the Mother Infant Research Institute (MIRI) at Tufts Children's Hospital.

Jill Maron was a guest speaker at the International Neonatal Consortium Scientific Annual Meeting, Cell and Gene Therapies: Implications for Neonates in October (virtual).

Jill Maron chaired the Pregnancy & Neonatology Study Section, NICHD, on October 28-29, 2021.

VERMONT

Vermont Oxford Network

VON community of practice met virtually in October for the 2021 Annual Quality Congress to explore QI topics, including presentations from **Jeffrey Horbar** and others on "Deep Learning in Newborn Care," a process involving multidisciplinary teams of health professionals and families identifying context-specific practices and processes that work best for patients. VON plans to convene in person for the 2022 Annual Quality Congress, September 8-11 in Chicago.

VON QI collaborative faculty including **Barbara Boushon, Howard Cohen, Danielle Ehret, Erika Edwards, Marybeth Fry, Jeffrey Horbar, Heather Kaplan, Jeffrey Meyers, Elizabeth Schierholz, Roger Soll, Wendy Timpson** and **Denise Zayack** will lead more than 100 teams working on QI of handoffs in 2022.

To help neonatal care teams learn how to "follow through" - accept that our work extends beyond the hospital walls and start to address social determinants of health to achieve health equity - VON has awarded four grants that address Potentially Better Practices for Follow Through to Cedars Sinai Medical Center, Randall Children's Hospital, Mercy Hospital St. Louis, and Golisano Children's Hospital at University of Rochester Medical Center. Members participating in VON QI collaboratives are eligible to apply on a rolling basis.

VON has launched a Diversity and Equity Advisory Board committee to advise, guide and challenge Network leadership regarding programs, personnel, actions, and investments to promote equity and eliminate disparities in health care outcomes for newborn infants and their families around the world. **DeWayne Pursley**, Chief of the Department of Neonatology and Director of the Klarman Family NICU at Beth Israel Deaconess Medical Center, is the inaugural Chair. He is joined by **Wanda Barfield, Andy Beck, James Collins, Erika Edwards, Wakako Eklund, Jeffrey Gould, Elizabeth Howell, Susan Hwang, Diana Montoya-Williams, and Yolanda Ogbolu**.

Danielle Ehret, VON Director of Global Health, spearheaded a project in partnership with The Ethiopian Pediatrics Society and Equalize Health, with financial support from the Bill & Melinda Gates Foundation, to collaborate with Ethiopian NICUs to improve survival rates for newborns with RDS by providing education, technical advice, and professional support. The Ethiopian NICU teams will monitor success of the project through data submitted in VON's Global Neonatal Database, including measuring use of CPAP for infants that need it and measuring the overall impact on infant mortality related to RDS. VON faculty will provide support for establishing best CPAP practices through QI methods and Equalize Health engineers will use input from the teams to design a more effective CPAP device that meets their needs.

University of Vermont, Burlington

The Division of Neonatal-Perinatal Medicine welcomed **William Chotas** to our fellowship. Dr. Chotas completed his pediatric residency at the University of Florida and comes to us following his work as a pediatrician in Saipan in the Northern Mariana Islands.

Our division celebrates the completion of fellowship for **Anna DiCarlo**. Dr. DiCarlo joined Onsite Neonatal Partners and is working at St. Luke University Health Network in Lehigh Valley, PA.

Several members of our division were appointed to new national leadership positions. **Deirdre O'Reilly** joined the Executive Council for ONTPD. **Adrienne Pahl** joined the AAP SONPM NICU Follow-Up Workgroup. **Leslie Young** joined the Leadership Committee for the IDeA States Pediatric Clinical Trials Network.

Danielle Ehret successfully completed the International Pediatric Association's Child Health Emerging Leaders Program, serving as the North American representative in the first cohort of 14 international pediatric leaders.

Leslie Young was promoted to Associate Professor at the Larner College of Medicine at the University of Vermont.

NPM fellow, **Amara Heard**, received funding from the Laerdal Foundation for her research project, "Use of Educational Clinical Videos to Enhance Helping Babies Breathe Training Comprehension and Retention." Dr. Heard will complete this project under the mentorship of **Danielle Ehret, Delia Horn, Sara Berkelhamer, Asrat Demtse** and **Mahlet Abayneh** at two delivery hospitals in Addis Ababa, Ethiopia.

District II: Shetal Shah

NEW YORK

Children's Hospital at Montefiore/Albert Einstein College of Medicine, Bronx

Kudos to **Tomas Havranek** on his promotion to Professor of Pediatrics at Einstein.

Tomas Havranek led a successful 12th Annual Neonatal Nutrition and Advances in Neonatal Care conference that was held as a hybrid meeting and brought together in person international experts including **Julie Bouchet-Horwitz, Kara Calkins, Aaron Hamvas, Anup Katheria, Jae Kim, Josef Neu, and Steve Abman**.

Marlyse Haward, Clinical Assistant Professor of Pediatrics, was elected to the Society for Pediatric Research.

Marlyse Haward was a speaker at the AAP TECan Carousel Care Campaign webinar on "The Art of Prenatal Consultation" in October 2021. The webinar focused on the prenatal consult and addressing emotional needs during this impactful time.

Deborah Campbell, Alan Fleischman and **Marlyse Haward** presented at the 2021 Hospice and Palliative Care Association of New York Annual Conference celebrating the organization's 41st anniversary on November 2-3, 2021.

Alan Fleischman, Professor of Pediatrics, Professor of Epidemiology and Population Health, and Senior Associate in the Center for Bioethics at the Albert Einstein College of Medicine and the Children's Hospital at Montefiore, was honored on November 4, 2021 by the City University of New York as a recipient of the Townsend Harris Award for exemplary contributions. In addition to being the former Division Chief of Neonatology, Dr. Fleischman has held leadership roles at the New York Academy of Medicine, the NIH, and the March of Dimes Foundation. He has also been a consultant to several federal agencies including the CDC, EPA, and FDA.

Deborah Campbell and **M. Susan LaTuga** participated in the launch of the Bronx Borough President's Bronx Maternal Health Consortium and will serve as Steering Committee members. The goal of the Bronx Maternal Health Consortium is to address black maternal mortality in the Bronx through improving care for black birthing persons in the Bronx and advocating for their needs.

Alecia (Lisa) Thompson-Branch, in addition to her membership on the AAP PREP Hospice and Palliative Care Advisory Board, expanded her contributions to the AAP nationally and locally through these new roles: AAP Global Health Education Course (GHEC) Planning Group, AAP *NeoReviews Plus* Editorial Board and NYS District II, Chapter 3 Diversity, Equity and Inclusion Committee Event Planning Group. The GHEC, designed to prepare pediatricians and trainees at all stages of their careers who have an interest in global health and who need further education and resources to get involved, was held virtually November 13, 2021.

Our Weiler's and Wakefield campuses received New York State Perinatal Quality Collaborative (NYSPQC) Enteral Nutrition Improvement Project 2020 QI Award. This award recognized Weiler and Wakefield's participation in the NYSPQC Enteral Nutrition Improvement Project and our dedicated work to support

optimization of early enteral nutrition and minimization of postnatal growth restriction in newborns of < 31 weeks gestational age.

Praveen Ballabh, Professor of Pediatrics, was awarded an R01 grant from the National Institute of Neurological Disorders and Stroke. His proposal is entitled, "Intraventricular Hemorrhage Disrupts the Blood Brain Barrier in Premature Infants."

Mamta Fuloria, with Einstein collaborators, was awarded a Montefiore-Einstein ICTR grant for the "Bronx MomBa Health Study – Early Life Gut Dysbiosis and Childhood Metabolic Dysfunction" that will test the hypothesis that neonatal intestinal microbiome predicts childhood cardiometabolic dysfunction.

Mamta Fuloria and **Maureen Charron** (Biochemistry) were awarded a NIH supplemental award entitled, "Impact of COVID-19 and Structural Racism on Maternal Mental Health and the Bronx MomBa Cohort."

Cohen Children's Medical Center of New York/ Northwell Health, New Hyde Park

We are pleased to welcome three new faculty members. **Oliva Janssen** joined us after completing her fellowship training at Mt Sinai, NY. **Jonathan Sasenick** stayed on as a faculty member after finishing his fellowship here at CCMC. In addition, we are thrilled to welcome **Scarlett McKinsey** as a new Associate Director of Neonatology for the Eastern Region. Scarlett joins us from Mt Sinai, NY.

We congratulate **Dalibor Kurepa** on his promotion to Associate Professor of Pediatrics.

Vita Boyar has published a chapter on neonatal wound care in *International Neonatal and Pediatric Wound Care*, Minerva Medica. In October, Dr. Boyar also presented at Symposium on Advanced Wound Care at Las Vegas, NV on neonatal Epidermolysis Bullosa care.

Olena Predtechenska and **NNP Adriana Muntean** ran a virtual workshop on neonatal procedures and transport and were invited guest speakers at International Neonatology Congress in Sibiu, Romania.

Robert Koppel served as Course Director for the virtual Northwell Health System Annual Perinatal Symposium on Cardiac Conditions in the Mother, Fetus and Newborn.

NYC Health + Hospitals/Jacobi Medical Center, Bronx

Yogangi Malhotra was promoted to Associate Professor at the Einstein College of Medicine. She also is the new Director of Pediatric Quality and Safety at Jacobi Medical Center.

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

Edmund F. LaGamma was an invited speaker at the New York University Pediatric Intensive, Cardiac and Neonatal Intensive Care Collaborative Conference (PIC-

NIC), Transfusion Symposium discussing "Transfusion Related Acute Gut Injury: Mechanisms and Possible Solutions."

Serving as the first female President of the Eastern Society for Pediatric Research, **Heather Brumberg** announces the 2022 ESPR virtual meeting will be held March 10-12, 2022. This is the first time the Society will present its meeting jointly with the American Federation for Medical Research.

Heather Brumberg presented two invited talks at the 2021 AAP NCE: "From the Fetus and Beyond: How Environment Impacts Health" and "The Air You Breathe Impacts the Life You Live From Pregnancy to Adulthood."

Shetal Shah hosted a webinar with New York Senator Kirsten Gillibrand, discussing the potential child and newborn health impact of President Biden's Build Back Better Program. He also presented an "Update on Federal Child Health Policy," as an invited speaker at the 2021 AAP NCE.

Jordan S. Kase, Director of the Regional Neonatal Follow-up Program, was promoted to Clinical Professor of Pediatrics at New York Medical College.

The Division welcomes back **Meenakshi Singh** as a new faculty member. Dr. Singh completed both her residency and fellowship at Maria Fareri Children's Hospital before joining the faculty at Penn State Hershey Medical Center, where she spent five years before returning to New York Medical College. She will focus on the Division's QI initiatives.

We welcome to the Division **Ben Numpang**, who most recently worked at the only NICU in Guam.

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

Richard Polin was selected as the AAP's 2021 Virginia Apgar Awardee. He will be delivering the Butterfield Lecture at the SONPM Spring Workshop in March 2022.

Anna Penn delivered the NIH Award Lecture for the International Federation of Placental Associations 2021 virtual meeting.

Faith Kim and **Anna Penn** received a Cerebral Palsy Foundation Implementation of Early Detection grant.

Fellow **Victoria Blanca Eckels**, with mentors **Tina Leone** and **Rakesh Sahni**, was awarded the NRP Young Investigator Award for the project, "Improving Positive Pressure Ventilation in Neonatal Resuscitation with a Supraglottic Airway."

Helen Towers received a master's degree in Narrative Medicine from Columbia University.

Elvira Parravicini conducted a virtual international perinatal palliative care training course in September 2021.

Vadim Ten left Columbia University Medical Center for the Neonatology Division Chief position at Rutgers University in October 2021.

Nurse practitioner **Sylvan Ryder** has joined our Neonatology Follow-up Clinic. She previously was a PNP at Wyckoff Heights Medical Center in Brooklyn, NY and a NICU nurse at University of Kentucky.

New York University Langone Medical Center, Long Island

Organized by **Renu Aggarwal** in her role as Chair of the New York Chapter 2 AAP Committee on Fetus and Newborn, approximately 60 neonatologists met for the annual Chapter Neonatal Program. Attendees heard **Brandy Frost**, Clinical Assistant Professor of Pediatrics, University of Chicago Pritzker School of Medicine, discuss, "Parenteral and Enteral Lipids and Fatty Acids in the NICU."

Congratulations to **Ranjith Kamity** for assuming the post of Director of Sponsorship for the Eastern Society for Pediatric Research.

University of Rochester Medical Center/ Golisano Children's Hospital

The Division of Neonatology welcomed **Lynnette Johnson** to our faculty as Assistant Professor of Pediatrics. She came to us from Richmond Commonwealth Neonatology Mednax in Richmond, VA. Dr. Johnson brings with her a wealth of experience in organizational and healthcare ethics.

The Division of Neonatology recently welcomed **Divya Chhabra** in a unique role. She is a Pediatric Pulmonary attending, most recently from National Jewish Health in Denver, CO, who joined us as an advanced provider, then fellow, to refresh her Neonatology skills. In early 2022, she will transition to the Pediatric Pulmonary faculty potentially with a dual role in Neonatology.

We congratulate **Jeffrey Meyers**, **Fabeha Fazal**, and **Arshad Rahman** who were elected to the Society for Pediatric Research.

We congratulate **Michael O'Reilly** who was elected to the American Pediatric Society.

Jeffrey Meyers was an invited speaker at the 25th Brazilian Conference on Perinatology in December. The title of his talk was, "Applying QI Methods to Make Improvements That Last."

District III: Michael Posencheg

DELAWARE

Christiana Hospital, Newark

Stephen Pearlman co-chaired Quality Day at Hot Topics where the theme was Achieving Equity through Quality Improvement. He also gave a presentation at the University of Louisville on "The Value of Disclosure" and led a webinar on neonatal coding for the SONPM.

MARYLAND

Johns Hopkins Children's Center, Baltimore

Akhil Maheshwari left Johns Hopkins in February 2021. **Lawrence Nogee** continues as Interim Division Director.

After more than 40 years at Johns Hopkins, **Marilee Allen** retired in February 2021. Trained in both Neurodevelopment and Neonatology, Dr. Allen led the NICU Neurodevelopmental Follow-up Clinic at the Kennedy Krieger Institute, Baltimore, MD. In her well-deserved retirement she is traveling, spending time with family, writing, and still joining us periodically for educational conferences.

Terri Traub left the Division in June 2020 to take a position in Atlanta in order to be closer to family.

Kartikeya Makker, who was splitting his time between East Baltimore and Frederick, was appointed as Assistant Professor of Pediatrics and Medical Director of the NICU at Johns Hopkins Bayview Medical Center.

Julie Nogee joined the faculty in June 2021, moving from St. Louis Children's Hospital and Washington University in St. Louis.

Jennifer Fundora joined the faculty in July 2021, after completing her fellowship and a research year in our division.

Kari Wagner joined the Division as a Clinical Associate in October 2021. She was previously at Walter Reed Medical Center where she was the Associate Program Director. She will provide clinical support for Frederick Health Hospital.

Janine Bernardo completed her fellowship and accepted a faculty position at Massachusetts General Hospital and Harvard Medical School.

Ayesha Saya completed fellowship and accepted a faculty position at the University of Maryland.

Brittany Schwarz was promoted to Assistant Professor and has been accepted as a 2022 Educational Scholar of the Academic Pediatric Association.

Pallabi Guha completed her fellowship and accepted a faculty position at Jersey Shore Medical Center and Hackensack Meridian School of Medicine.

Julia Johnson gave a keynote address for World Patient Safety Day in India in September entitled, "Safer Maternal and Newborn Care – A Focus on Patient Safety Culture," supported by Voice of Healthcare and Association of Healthcare Providers, India.

Katherine Carline completed fellowship and is stationed at the naval base in Okinawa, Japan.

We welcomed four new fellows in July 2020, **Timothy Heck**, **Nazli Kuter**, **Maria Latham** and **Alexandra Lazzara**.

Khyzer Aziz was promoted to Assistant Professor.

University of Maryland Medical Center, Baltimore

We proudly announce the following faculty promotions from Neonatology at UMSOM:

Rose Viscardi to Professor Emeritus, **Dina El-Metwally** and **Brenda Hussey-Gardner** to Professor, and **Colleen Hughes Driscoll**, **Jocelyn Leung**, **Sripriya Sundararajan** and **Susan J. Dulkerian** to Associate Professor.

Natalie Davis and **Sripriya Sundararajan** received Faculty Mentor Recognition Award for Transformational Impact on Medical Students at the 44th annual medical student research day celebration at UMSOM.

Natalie Davis conducted a half-day pre-conference workshop at the 2021 Kidz-in-Motion National Child Passenger Safety Conference entitled, "Using Evidence to Drive Car Seat Tolerance Screening Policy" in Madison, WI in August.

Colleen Driscoll, **Natalie Davis**, **Johana Diaz** and **Eunsung Cho** are planning the 14th annual Baltimore-Washington-Virginia Perinatal Consortium Conference, scheduled for February 23, 2022. This regional NICU conference brings together faculty and fellows from the seven regional Mid-Atlantic academic Neonatal-Perinatal fellowship programs and provides a forum for trainees and junior faculty to present their research, practice moderating sessions, as well as network and collaborate with other researchers in the region.

Sripriya Sundararajan's manuscript, "Ideal Blood Inoculant Volume for Neonatal Sepsis Evaluation: An Alternative Approach" was selected for highlight in the Editor's Focus for the November 2021 print issue of *Pediatric Research*.

NEW JERSEY

Hackensack University Medical Center

Judy Aschner was an invited speaker at the 40th Annual Neonatology Symposium: Advances and Controversies in Neonatal Medicine in Nashville, TN. She delivered the Jayant Shenai Keynote Address, "Pathophysiology and Management of Term Babies with Acute Pulmonary Hypertension" and a second lecture titled, "How to Manage Pulmonary Hypertension in Patients with Congenital Diaphragmatic Hernia and Bronchopulmonary Dysplasia."

Nicole Spillane has been promoted to Associate Professor at the Hackensack Meridian School of Medicine.

The Division is looking forward to having **Maureen Kim** join the faculty in March 2022.

The Children's Regional Hospital at Cooper, Camden

Sarah Davenport recently joined the Cooper Neonatology faculty group.

Melissa Micallef, Medical Director of the Cooper NICU; **Ilana Jerud**, attending neonatologist; and **Pragnya Das**, senior scientist, were all appointed as Assistant Professor of Pediatrics at the Cooper Medical School of Rowan University.

Vineet Bhandari, Division Head, Professor of Pediatrics, was given a joint appointment as Professor of Obstetrics and Gynecology at the Cooper Medical School of Rowan University.

Alla Kushnir is the Site PI for the OPTIMIST-A and Torpido 2 trials. She is the Co-PI for the Pediatric Pipeline Innovation Program grant from the AAP Friends of Children Fund. She is the Co-I for the Women in Neonatology Equity Initiative (WiNei) to Achieve Gender Equity in Neonatology Careers grant awarded by the SONPM Strategic Grants. She is the Site-PI for a grant from Roche Diagnostics, "The Reference Range and Clinical Performance Evaluation of Elecsys IL-6 Assay in Neonatal Sepsis."

Alla Kushnir has published four chapters in the book *A Pediatrician's Path: What to Expect after a Pediatric Residency*.

Pragnya Das continues her second year of funding on "Role of Chloride Ion Channel (CLIC)4 in Bronchopulmonary Dysplasia (BPD) and BPD Associated Pulmonary Hypertension (BPD-PH)" from the Cardiovascular Medical Research and Education Fund.

Vineet Bhandari was awarded NIH grants, "Cellular Senescence as a New Mechanism of Bronchopulmonary Dysplasia," (PI) and "VIGOR: Virtual Genome Center for Infant Health" (site PI).

Vineet Bhandari was awarded a grant by the Little Giraffe Foundation, "miR34a Driven Senescence as a Novel Pathology in Bronchopulmonary Dysplasia."

Vineet Bhandari's third edited book *Tantalizing Therapeutics in Bronchopulmonary Dysplasia* was published. He also contributed chapters in *Manual of Neonatal Respiratory Care and Updates on Neonatal Chronic Lung Disease*.

Vineet Bhandari was an invited speaker for virtual talks in India, Turkey, Canada, Brazil and Dubai.

PENNSYLVANIA

Children's Hospital of Philadelphia

Eric Eichenwald is completing his tenure as Chair, Sub-Board of Neonatal-Perinatal Medicine for the American Board of Pediatrics in 2021. He will serve as a member of the Board of Directors for the ABP starting in 2022.

The Eastern Society for Pediatric Research and American Federation for Medical Research are joining together this year for the 1st Annual Eastern Medical Research Conference (a combined meeting of the 34th ESPR Annual Meeting and 15th AFMR Eastern Regional Meeting.) Attend the virtual meeting March 10-12, 2022 for an interactive and engaging experience. The deadline to submit abstracts is January 5, 2022. All accepted abstracts will be published in the April supplement of the *Journal of Investigative Medicine*, the official journal of the AFMR.

Scott Lorch was elected to the American Society for Clinical Investigation.

Joanna Parga-Belinkie's AAP podcast, *Pediatrics-on-Call*, "Assessing School Readiness, Updated Fever Guidelines" won a digital health award. <https://www.aap.org/en/pages/podcast/assessing-school-readiness-updated-fever-guidelines/>

Krithika Linpappan joins the clinical and basic science research faculty as an Associate Professor of Pediatrics with Tenure. Dr. Lingappan comes from Baylor College of Medicine and the Texas Children's Hospital.

Daniel Malleske joins the clinical faculty as Associate Professor of Clinical Pediatrics. Dr. Malleske comes from Nationwide Children's Hospital, The Ohio State University School of Medicine. He also serves as Lieutenant Colonel and Commander of the 112th Multifunctional Medical Battalion in the Ohio Army National Guard.

Chavis Patterson has been promoted to Associate Professor of Clinical Psychiatry, University of Pennsylvania Perelman School of Medicine.

Rebecca Simmons is the organizer for the 9th Annual Perinatal Biology Symposium being held in Aspen, CO, August 28-29, 2022.

Jeffrey Gerdes received the March of Dimes Roosevelt Lifetime Achievement Award.

Rebecca Simmons is the 2021 recipient of the Liley Award for Outstanding Perinatal Research from the Perinatal Research Society.

Maria Fraga is the 2021 recipient of Children's Hospital of Philadelphia's Department of Pediatrics Alan R. Cohen Master Clinician Award. This prestigious award, created by the Department of Pediatrics along with the Hospital, was established as an endowment to honor the many outstanding clinicians and to support their activities. Maria was chosen out of 75 nominees from 16 divisions for this year's award.

Rebecca Simmons is PI of the newly funded NIEHS Center in Children's Environmental Health Research and Translation and Translational Research Training Program in Environmental Health Sciences.

Sara DeMauro is the Co-PI of a multi-site HEALTHy Brain and Child Development Study (HBCD). Led by Drs. DeMauro and **Hao Huang**, a multidisciplinary team including Neonatology, Radiology, and collaborators at the University of Pennsylvania will collect a multimodal data set from hundreds of babies over the course of a decade. CHOP received a six million dollar, five-year award in support of HBCD, which is funded by 10 institutes and offices at the NIH.

Colin Conine received a grant from The Pew Charitable Trust for his study, "Transmission of Non-Genetic Information by sperm RNI."

Elizabeth Foglia received a R01 from the NIH for her project, "1/2 The Diaphragmatic Initiated Ventilatory Assist Trial."

Harry Ischiropoulos received awards from the NIH for two five-year studies: "Multidrug Metabolic Approach to Improve Exercise and

Skeletal Muscle Oxidative Capacity in HFpEF" and "Targeting Skeletal Muscle Perfusion and Oxidative Capacity in HFpEF."

Erik Jensen is the recipient of a NIH-R34 for his project, "Phase 1 Trial of Inhaled Tobramycin in Very Preterm Infants with Bronchopulmonary Dysplasia."

Scott Lorch received a grant from the NIH for his study, "HEAL Neonatal Treatment Trial."

Michelle-Marie Peña and **Scott Lorch** received a national grant from National Association of County and City Health Officials to conduct a qualitative analysis of Black birth parents' decision-making on infant feeding in collaboration with community partners.

Shaon Sengupta received a R01 from the NIH for her study, "Mechanistic Evaluation of the Role of Circadian Rhythms."

Christopher Thom was awarded a K-99 from the NIH for his study, "Determining Genetic Mechanisms that Drive In Vitro Hematopoiesis."

Mary Cay Harris is a co-Pi with **Bob Grundmeier** on a R01 funded by the NIH for their study entitled, "Situation Awareness to Improve Infant Sepsis Recognition in the Presence of Clinical Uncertainty."

Dustin Flannery and **Karen Puopolo** have published a book chapter entitled, "Evaluation and Management of Infection in the Newborn" in *Avery & MacDonald's Neonatology: Pathophysiology and Management of the Newborn*, 8th edition.

Scott A. Lorch gave multiple named lectureships at Children's Hospital of Los Angeles, University of Chicago, and the Gerald B. Merenstein Lectureship, University of Colorado Division of Neonatology.

Eric Eichenwald was the 2021 John S. Curran Lecturer at the University of South Florida School of Medicine.

Fellow **Elizabeth Salazar** has received a Critical Care T32 Grant and is pursuing a Masters of Health Policy.

Fellow **Leah Carr** was awarded a grant by the Zoll Foundation for her project, "An Informatics-Driven Approach to a Multicenter Neonatal Resuscitation Network," which is a component of the DRIVE Network being led by **Liz Foglia**.

Michelle-Marie Peña is the inaugural AAP SONPM TEcAn Diversity, Equity, and Inclusion Chair.

CHOP Newborn Care Network (CNBC)

Pedro Urday joined CHOP Newborn Care Network at Einstein Medical Center Montgomery in August 2021. He completed his fellowship training in Neonatology at Sidney Kimmel Medical College at Thomas Jefferson University and received his MBA in Health Care Administration at Widener University.

Sandeep Sadashiv secured inclusion of Einstein Medical Center Montgomery on the Immunization Action Coalition Hepatitis B Birth Dose Honor Roll through his advocacy of improved vaccination practices following birth.

Amy Lembeck and **Celina Migone**, both active in improving practices for the care of opiate exposed infants, led the effort to secure the PA Perinatal Quality Collaborative's Quality Improvement Award for Einstein Medical Center Montgomery.

David J. Hoffman is completing his 10th year at the helm of Einstein Medical Center's NICU and Newborn Nursery. He, along with **Jody Zisk** and **Celina Migone** are the original physicians who partnered with others to establish the service in a newly constructed hospital.

Penn State Children's Hospital, Hershey

We are pleased to celebrate the one-year anniversary of our 56-bed Level IV NICU and the establishment of our new milk lab program and Small Baby Unit. We have also established new relationships with neonatal intensive care at St. Joseph's Hospital in Allentown, PA and added neonatal intensive care services at Penn State Health Hampden Medical Center in Enola, PA.

Timothy Palmer, **Kristen Glass**, and **Mitchell Kresch** all received Top Educators Awards from the Department of Pediatrics.

Kim Wisecup joined the group as an Assistant Professor following completion of fellowship.

Christiana Oji-Mmuo and **Tammy Corr** were promoted to Associate Professor.

St. Christopher's Hospital for Children, Philadelphia

On January 28, 2022, The Maria Delivoria-Papadopoulos MD, A Day with The Newborn Symposium was held. **Diana Bianchi**, Director of the NICHD, was the keynote speaker. She will discuss, "Developing Innovative Treatments for the Fetus and Newborn: What Have We Learned from the Fetal Transcriptome?" Other speakers will discuss a wide range of cutting-edge topics related to optimization of neonatal care. Registration: https://www.eeds.com/portal_live_events.aspx?ConferenceID=364985

Anja Mowes has been promoted to Associate Professor of Pediatrics at Drexel University College of Medicine.

We welcome **Monika Ryzdewska** to our faculty group. She is a 2019 graduate of the University of Louisville neonatology fellowship. She will be working in the Temple University NICU.

We wish **Sruthi Polavarapu** the best of luck in her new position at St. Thomas Rutherford Hospital in Murfreesboro, TN. She has played an important role in fellow education in her role as Director of the Fellow Core Curriculum and the development of an interactive palliative care curriculum. She will be missed!

WASHINGTON, DC

Children's National Medical Center

The 38th Annual Children's National Symposium: ECMO and the Advanced Therapies for Cardiovascular and Respiratory Failure will be held February 13-17, 2022 in Keystone, CO. See www.ecmomeeting.com or email bshort@childrensnational.org for more information.

Georgetown University Medical Center

Avery & MacDonald's Neonatology: Pathophysiology and Management of the Newborn, 8th edition was published in October 2021 with editors **James Boardman**, **Alan Groves** and **Jayashree Ramasethu**.

District IV:
Brian Hackett

KENTUCKY

University of Kentucky, Lexington

We are proud to introduce our first-year fellows: **Ravi Bhavsar**, **Anthony Haase**, and **Audra Stacy**.

We welcome neonatologists **Pratibha Thakkar**, **Rupin Sharma**, and **Sana Alhajri** to our team.

Rupin Sharma brings an expertise in the development of a POCUS program for the fellows and faculty to our division. She is working on an interdisciplinary team with our cardiologists and radiologists to develop a POCUS curriculum for our learners.

In addition to his leadership as Chair of the University of Kentucky College of Medicine Faculty Council, **Hubie Ballard** was recently elected to the College's Admissions Committee.

UK has partnered with the Academy for Communication in Healthcare to deliver Relationship-Centered Communication education across our Healthcare system.

Ali Slone was selected to represent the Department of Pediatrics as a facilitator for these workshops. She also recently joined our UK Pediatric Residency Leadership as an Associate Program Director.

University of Louisville, Louisville

Lori Devlin and **Sucheta Telang** have been awarded a five-year NIH HEAL grant to join a consortium of sites tasked with the development and implementation of a multi-center, comparative effectiveness, randomized controlled trial to assess the optimal pharmacological treatment for infants with Neonatal Opioid Withdrawal Syndrome. This trial will include neurodevelopmental and behavioral follow-up and **Liz Schumacher** will serve as the lead investigator for the Louisville site.

NORTH CAROLINA

Brody School of Medicine/East Carolina University, Greenville

We congratulate our graduated fellows! **Jaclyn Havinga** joined the Pediatrix practice at the Studer Family Children's Hospital, Pensacola, FL. **Alex Berwick** joined the NICU at Erlanger Medical Group in Chattanooga, TN.

Our incoming fellows are **Sailaja Devagiri** who joined us from Lincoln Medical Center, Bronx, NY, and **Jessica Eubanks** and **Kyle Pipkin** who graduated from the residency program at ECU.

Maja Herco was appointed Clinical Assistant Professor.

Uduak Akpan was promoted to Associate Professor.

Coastal Carolina Neonatology/Betty Cameron Children's Hospital, Wilmington

Fernando Moya was an invited speaker at the XXVIII Congreso Sociedad Española de Neonatología, giving the closing remarks on October 29 at the most important conference for Spanish neonatologists.

University of North Carolina, Chapel Hill

Misty Good has been named the Chief of the Division of Neonatal-Perinatal Medicine.

Sofia Aliaga has been named to two leadership positions within the UNC School of Medicine. She is the new Director for Interprofessional Education and Practice and Director of Simulation in recognition of her many contributions to expanding the simulation program for residents and fellows and ongoing advocacy and support for interprofessional education.

Matt Laughon has been named as the Vice Chair for Academic Affairs in the Department of Pediatrics.

Misty Good was awarded NIH grant funding for, "Non-Invasive Analysis of Methylated Cell Free DNA in Necrotizing Enterocolitis" and "Neonatal Gut-on-a-Chip Platform for High Content Drug Testing and Precision Medicine."

TENNESSEE

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

Rishika Sakaria will be completing her fellowship training at UTHSC and joining as an Assistant Professor of Pediatrics in the Division of Neonatology in July 2022.

Megan Derrer will be completing her fellowship at University of Wisconsin Madison and joining as an Assistant Professor of Pediatrics in the Division in August 2022.

Kacie Dillon, our senior fellow, received a travel award to present her QI project at the CHNC annual meeting in Houston.

The Division of Neonatology at UTHSC and Le Bonheur Children's Hospital successfully hosted a hybrid conference, Midsouth Complex Newborn Conference, October 22-23, 2021. The keynote speaker was **Amit Mathur** from St. Louis University.

Mark Weems was appointed as the Medical Director of the Le Bonheur Children's Hospital NICU.

Ajay J. Talati was inducted into the inaugural class of Academy of Master Educators at UTHSC.

Ramasubbareddy Dhanireddy was appointed as Interim Chair for Department of Obstetrics and Gynecology at UTHSC.

Vanderbilt University Medical Center, Nashville

Wael Alrifai was appointed Director of Inpatient Informatics for Monroe Carell Jr. Children's Hospital at Vanderbilt.

Uchenna Anani was appointed Diversity, Equity, and Inclusion officer for the Division of Neonatology and serves on the Department of Pediatrics Diversity, Equity, and Inclusion Advisory Committee.

Holly Engelstad was appointed the NICU Medical Director at Tullahoma-Harton Hospital.

Emily Morris has joined the Tennessee Department of Health Sudden Infant Death in Youths Advanced Review Team.

Donna Whitney serves as the community outreach regional representative for the Mother's Milk Bank of Tennessee.

Jeff Reese was inducted as a Fellow in the American Association for the Advancement of Science.

Stephen Patrick was appointed a White House Senior Policy Advisor in the Office of National Drug Control Policy.

Stephanie Attarian, a nationally recognized breastfeeding medicine specialist, lectured for the Institute for the Advancement of Lactation and Breastfeeding Education, was appointed as Middle TN AAP Chapter Breastfeeding Coordinator, developed the NICU Breastfeeding Champion course and started the Academy of Breastfeeding Medicine Leadership Academy.

John Benjamin was awarded a R01 from NHLBI entitled "Developmental Origins of COPD."

Kristin Noble was appointed to the Department of Pediatrics K12 Mentored Research Scholars Program, Next Generation Mentor.

Scott Guthrie served as a Global Health Companion Advisor with the AAP Ethiopian QI ECHO Initiative.

Scott Guthrie spoke and led workshops at the Tiny Feet, Big Steps conference in Arusha, Tanzania in October 2021. Over 180 providers from five different countries attended to learn skills needed to advance the care of critically ill and premature babies in the East African area.

Maria Krakauer was awarded the William Walsh Award for Excellence in Bedside Teaching by the neonatology fellows.

Zachary Anderson was awarded the Fellow Teaching Award by the Monroe Carell Jr. Children's Hospital house staff.

Breanna Lustre will be leaving Vanderbilt in December to begin her own pediatric practice.

Under the directorship of **Eva Dye** and **Jörn-Hendrik Weitkamp**, Vanderbilt University Medical Center Department of Nursing Education and Professional Development and the Division of Neonatology hosted the 40th Annual Neonatology Symposium, Advances and Controversies in Neonatal Medicine in Nashville, TN in November. Guest faculty included **Judy Aschner**, **Brenda Poindexter**, **Tarah Colaizy**, **Mark Mercurio**, and **Matthew Harer**. Vanderbilt speakers were **Gabriella Crane**, **English Flack**, **Michael Golinko** and **Jim Phillips**. The Symposium was well attended by over 70 neonatologists, fellows, NNPs, respiratory therapists, nurses, and others from more than 19 states. The Symposium was supported in part by unrestricted educational grants from Mead Johnson Nutrition and Prolacta Bioscience Foundation as well as a 2021 SONPM District IV grant.

VIRGINIA

University of Virginia, Charlottesville

Congratulations to **Brynne Sullivan** who was selected as a new member of the Society for Pediatric Research.

Jennifer Burnsed was promoted to Associate Professor and **Jonathan Swanson** was promoted to Professor.

Rob Sinkin continues his role as Specialty Referral Centers Designation Site Reviewer for the Maryland Institute for Emergency Medical Services Systems. Since 2001, he has served as a neonatology reviewer in the evaluation of applications of perinatal and neonatal centers to be designated or re-designated at the appropriate level as per the Perinatal and Neonatal Referral Center Standards required by the Code of Maryland Regulations.

Fellow **Angie June** received funding from the Little Giraffe Foundation NICU Support Grant for her work on improving bereavement care for our patients utilizing Heartbeat Bears for Memory Making. She also received a Children's Hospital Research Center grant for her research on "Acute Seizure Activity in Inflammation-Sensitized Hypoxia-Ischemia."

David Kaufman and **Josh Odrich** from the Developmental Hub received third place for the Neonatal Antibiotic Stewardship App from the 2021 IDea Incubator of the IDSA Foundation in collaboration with Johnson & Johnson Innovation. The app is in its initial phase of development and aims to be a free web-based app with 24/7 evidence-based guidance for neonatal providers to stop or narrow the spectrum of antibiotics that are prescribed in NICUs with the hopes of reducing infants' risks for lifelong adverse effects.

David Kaufman was one of four panelists for UVA Health and the Blue Ridge Health District's Virtual Live Town Hall in October to talk about COVID-19 vaccination for pregnant women.

The UVA Newborn Emergency Transport System received full accreditation from the Commission on Accreditation of Medical Transport Systems demonstrating commitment to consistently meeting or exceeding a rigorous set of guidelines and safety standards.

District V: Beena Sood

MICHIGAN

Henry Ford Health System, Detroit

Sudhakar Ezhuthachan, Division Head of Neonatology and Associate Chair of Pediatrics at the Henry Ford Health System in Detroit, MI will be retiring in July 2022 after an illustrious career in Neonatology. Dr. Ezhuthachan completed Neonatology fellowship training at the Albert Einstein College of Medicine in New York in 1978. He worked at Albert Einstein as a neonatologist for five years. After a year sabbatical in India, he returned to settle in southeast Michigan and has been with the Henry Ford Health System ever since. Dr. Ezhuthachan has truly enjoyed his career in Neonatology as a lifelong student, provider, and teacher with the remarkable opportunity to serve the needs of the most vulnerable. He has enjoyed the support of numerous teachers, colleagues, and friends at HFHS and the hospitals in and around SE Michigan. As a representative of HFHS, he had the pleasure of aiding in the education and development of a NICU in L'viv, Ukraine over a 14-year period. **Daniel Rito** will be taking over as the new Division Head at HFHS.

Michigan Medicine, Ann Arbor

Stephanie Kukora and **Naomi Laventhal** hosted the AAP SONPM District V and TECaN Virtual Neonatal Ethics Conference in April 2021. Recorded sessions are now available online; sessions are free to view and eligible for CME credit and can be found at <https://ww2.highmarksce.com/micme/index.cfm?do=ev.viewEvent&eventId=51222>

Rochester Providence Hospital, Rochester Hills

Kanamalapudi V. S. Rao passed away following an accident in November. He was a long-term resident of Rochester Hills, MI. He dedicated his career to caring for the newborns at Ascension Rochester Providence Hospital (formerly Crittenton Hospital) for over 36 years. Dr. Rao started a neonatologist-supported newborn care service at Crittenton Hospital in 1984 where he practiced until retirement in 2017. Dr. Rao's prior affiliations include Pontiac General Hospital (now Doctor's Hospital) and fellowship training at St. Christopher's Hospital for Children in Philadelphia. Dr. Rao is survived by his wife, Bharatha Lakshmi "Bharathi", son Suman and his wife Ranjit, son Suneal and his wife Samantha, as well as two grandchildren.

OHIO

Cincinnati Children's Hospital Medical Center

Cincinnati Children's Hospital Critical Care Building (CCB) opened on November 6, 2021, increasing our NICU's capacity to 92 beds, each of which are private rooms. The CCB added 249 new beds with an innovative design that will enhance our ability to deliver safe, exceptional care for patients and their families.

In August 2021, the NICU initiated the Cardio-Renal Pediatric Dialysis Emergency Machine (CARPEDIEM) system for infants with acute kidney injury (AKI), kidney failure or fluid overload requiring dialysis. The goal of this groundbreaking technology is to provide continuous kidney replacement therapy to the smallest, most fragile infants in the NICU to improve both short- and long-term outcomes. Use of this novel machine is a critical piece in the advancement of the Division's Neonatal Kidney Stewardship Program. This initiative is co-led by **Cara Slagle**, Neonatology Co-Director of The Center for Acute Care Nephrology.

Stephanie Merhar was awarded the NIH grant, "HEAL Initiative: Neonatal Opioid Withdrawal Syndrome Pharmacological Treatments Comparative Effectiveness Trial." This multi-center, five-year, \$8 million grant will track the effects of opioid and other exposures in hundreds of infants from before birth through early childhood. Cincinnati Children's will be one of 25 institutions across the country involved in this study.

Hitesh Deshmukh was named the endowed Director of the new Center for Perinatal Immunology.

Nehal Parikh was named the endowed Director of the new Center for the Prevention of Neurodevelopmental Disorders and Neurocritical NICU.

We are pleased to recognize the following promotions in our division: **Shawn Ahlfeld** (Associate Professor), **Beth Ann Johnson** (Associate Professor) and **Jae Kim** (Institute Director).

On October 15, 2021 the Perinatal Institute held the 20th Annual Regional Perinatal Summit. This year's topic was "Preeclampsia Management and Outcomes." Keynote speakers **Kristin Coppage**, System Chief, TriHealth Women's Services, Cincinnati, OH and **Neera Goyal**, Nemours/Al DuPont Hospital for Children, Philadelphia, PA discussed the essentials of preeclampsia and late preterm infant outcomes.

Jae Kim co-chaired the 7th Advances in Neonatal and Pediatric Nutrition in September 2021 as a virtual conference from Cincinnati. The next conference will take place in 2023.

On March 11, 2022, The Perinatal Institute of Cincinnati Children's Hospital Medical Center will host its annual NeoFest conference entitled, "Enduring Consequences Associated with Bronchopulmonary Dysplasia." The virtual, daylong conference will focus on cardiopulmonary and neurodevelopmental

outcomes of extremely preterm infants with a diagnosis of BPD. Invited guest speakers will include **Kara Goss** from the University of Texas Southwestern, **Cindy McEvoy** from Oregon Health and Science University, **Sarah DeMauro** from Children's Hospital of Philadelphia, and **Neil Marlow** from the University College London. Registration will open in early January 2022 at: <https://cchmc.cloud-cme.com>. For further information, please contact the Cincinnati Children's CME office at: CME@cchmc.org.

Nationwide Children's Hospital/The Ohio State University, Columbus

Nationwide Children's Hospital would like to congratulate their third-year fellows for receiving a CHNC travel grant to present their work on identifying and preventing neonatal AKI: **Rachel Han, Clifford Mueller, Zubin Shah, and George Ziegler**.

Rainbow Babies and Children's Hospital, Cleveland

Richard Martin is in advanced stages of planning two late winter/early spring meetings after a 2021 hiatus. The 11th Bangkok, Thailand International Neonatology Meeting will feature multiple US, Australian and European speakers on February 23-25, 2022 (website www.bkkneonatology.com). The MidAtlantic Nemaocolin Resort meeting in Western Pennsylvania will be held March 22-24, 2022.

Stephanie Ford was recently awarded a NIH K08 grant to continue her research in congenital heart disease. Dr. Ford has published multiple works exploring the ties between abnormal blood flow early in cardiac development and congenital heart disease. The grant will enable her to continue this work, focusing on abnormal blood flow in the embryonic heart caused by prenatal alcohol exposure, the resulting congenital heart diseases, and compounds to prevent these malformations.

Mary Elaine Patrinos was promoted to Associate Professor of Pediatrics at Case Western Reserve University School of Medicine.

Cynthia Bearer was awarded a R21 from the NIH, "Mechanism of Bilirubin-Induced Apnea in Preterm Infants."

Cynthia Bearer is in her sixth year as Editor-in-Chief of *Pediatric Research*. The journal has started a new feature, "Science for Kids" and is looking for applications to its Editorial Apprentice Program for 2023 (please see *Pediatric Research* website).

District VI: Joshua Petrikin

ILLINOIS

Ann & Robert H. Lurie Children's Hospital/Prentice Women's Hospital, Chicago

We congratulate **Raye-Ann deRegnier** for her promotion to Professor and **Kenny Kronforst, Stephanie Marshall, and Susan Slattery** for promotion to Assistant Professor.

As the Co-Chair of the Illinois Perinatal Quality Collaborative, **Leslie Caldarelli** is leading efforts to improve maternal and neonatal health across Illinois.

Jill Chang and our former colleague, **Karen Mestan**, wrote the chapter "Placental Function and Intrauterine Growth Restriction" in the latest *Neonatal and Fetal Physiology*, 6th Edition published in July.

James Collins was an invited virtual speaker at the annual Vermont Oxford Network meeting on "The Racial Disparity in Preterm Birth Rates: The Impact of Racism."

Raye-Ann deRegnier and **Lynn Boswell** have recently been awarded funding from the Patrick M. Magoon Institute for Healthy Communities with add-on funding from Illinois Council on Developmental Disabilities for their study, "Project INITIATE." They will collaborate with community physical therapists to address the problem of disparities in services for patients with Medicaid after NICU discharge. They will test the feasibility and effectiveness of direct NICU to home enrollment into home therapy services for high-risk newborn infants with Medicaid insurance. The Council on Children with Disabilities provided add-on funding to increase the number of infants and to extend the study to the University of Illinois at Chicago and the University of Chicago.

Raye-Ann deRegnier and **Nicole Pouppirt** are Co-Investigators on "Project Corbett: Early Detection and Therapeutic Improvement of Motor Delay in High-Risk Infants," a multicenter trial funded by the Patrick G. and Shirley W. Ryan Foundation.

Gustave Falciglia and his multidisciplinary team, including **Leslie Caldarelli** and **Kenny Kronforst**, received the 2021 Lurie Children's Quality Improvement Award.

Jessica Fry and **Kerri Machut** developed the Lurie NICU Family Partnership Council this year, a multidisciplinary group with ten volunteer parents actively building projects for family support and providing family perspectives on our research and QI projects.

Nicole Pouppirt is the upcoming site leader for Northwestern Prentice Women's Hospital NICU in the National Emergency Airway Registry for Neonates (NEAR4NEOS).

Craig Garfield and **Emily Miller**, along with co-investigator **Malika Shah**, received a R01, "Bridging Gaps in Healthcare Services for New Families due to COVID-19."

Mary Robbins and **Malika Shah** were elected to the Society for Pediatric Research.

Mary Robbins was named as the inaugural Kulick Family Endowed Research Scholar in Neonatology.

Susan Slattery was appointed as the Director of Telemedicine, Outpatient, and Consults in the Center for Autonomic Medicine in Pediatrics.

Our BPD Program, led by **Megan Lagoski**, continues to grow. We have added a Care Coordinator and integrated Psychologist to support our patients and families during their sometimes prolonged NICU stays and transition home. We have recently presented our program's development and progress at the Children's Hospitals Neonatal Consortium Annual Symposium.

Save the date, October 31 - November 2, 2022, for the Children's Hospitals Neonatal Consortium Annual Symposium in Indianapolis, IN. We anticipate calls for workshop proposals in early spring 2022 and abstracts in June 2022.

IOWA

University of Iowa, Iowa City

The Division of Neonatology would like to wish **Ana Tracey Morgan-Harris** well as she moves to Sanford Children's Hospital Bismarck.

Jonathan Klein received the 2021 Clinician of the Year Award from the University of Iowa Physicians Clinical Recognition and Awards Program. He also received the Douglas Richardson MD Lectureship Award at the 22nd Braden E. Griffin MD Memorial Symposium, University of Massachusetts Memorial Children's Medical Center.

John Dagle received a Distinguished Alumni Award from University of Iowa Carver College of Medicine.

Regan Giesinger was named a Fellow of the American Society of Echocardiography.

Robert Roghair was elected to the American Pediatric Society.

Brady Thomas was named Director of the Neonatal ECMO Program.

Jenni Bermick was appointed Secretary for the Midwest Society for Pediatric Research Leadership Council.

The Neonatal Hemodynamics Team (**Patrick McNamara, Regan Giesinger, Danielle Rios, Adrienne Bischoff, and Amy Stanford**) were key members of the planning committee for the 4th annual Clinical Cardiopulmonary Physiology for the Care of the Sick Newborn Course held virtually in November 2021. The 5th annual Clinical Cardiopulmonary Physiology for the Care of the Sick Newborn Course will be held in Iowa City in 2022.

Patrick McNamara, Jonathan Klein, Regan Giesinger, and Edward Bell presented in the following countries: Malaysia, Canada, China, Japan, Italy, Saudi Arabia, United Arab Emirates, Peru, India, Romania, and Great Britain.

The Neonatal Hemodynamics Team presented a virtual workshop, "Neonatal Hemodynamics and Targeted Neonatal Echocardiography" at the 4th Romanian Neonatology Congress held in Sibiu, Romania in October 2021.

Patrick McNamara served as section editor and contributing author for the first edition of a textbook titled, *Hypoxic Respiratory Failure in the Newborn – From Origins to Clinical Management*, published in October 2021. **Regan Giesinger, Danielle Rios,** and **Adrienne Bischoff** were also contributing authors.

Patrick McNamara received the Kopelman Lectureship Award from Brody School of Medicine, East Carolina University and was appointed to the University of Iowa Carver College of Medicine Executive Committee.

Fellow **TJ Boly** received the Jack Metcalf Award given for outstanding research presentation by a resident or fellow at the Midwest SPR 2021 Virtual Scientific Meeting.

Fellow **Stephania Cavallaro Moronta** received a grant from the Savvy Ferentz Fund in Neonatal Research for the project, "Clinical, Echocardiography and Genetics Predictors of Acetaminophen Treatment Response in Preterm Infants with Hemodynamically Significant Patent Ductus Arteriosus."



Save the Date

15th Annual Conference
Controversies in Neonatal
and Perinatal Clinical Care
September 8 & 9, 2022

VIRTUAL
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MINNESOTA

University of Minnesota, Minneapolis

Megan Paulsen and **Katie Pfister** are new SPR members.

Raghavendra Rao, Professor of Pediatrics and Division Director of Neonatology, gave an invited talk, "Iron and the Neonatal Brain," at the 40th Annual Conference of the National Neonatology Forum of India, NEOCON 2021, in Bengaluru, India on December 19, 2021.

Kari Roberts, Associate Professor of Pediatrics, gave an invited talk, "Surfactant via Laryngeal Mask - A Realistic Option?" at the Less Invasive Surfactant Administration International Conference in Lubeck, Germany on August 2, 2021.

In September, **Michael Georgieff** was recognized with the Friend of WIC Award from Minnesota WIC. The award is in recognition of his work over the years supporting the WIC mission in the state.

The Masonic Institute for the Developing Brain, co-directed by **Michael Georgieff**, opened at the University of Minnesota.

MISSOURI

Children's Mercy Kansas City

Venkatesh Sampath was the recipient of a new NIH R01 grant to study a synthetic glucocorticoid, ciclesonide, to treat neonatal lung injury with limited adverse neurologic effects. This is a multi-PI grant with Venkatesh, **Donald De Franco** (UPMC) and **Paula Nichols-Monaghan** (UMKC).

The following were promoted to Associate Professor of Pediatrics: **Sanjay Akangire, Jessica Brunkhorst, Alain Cuna,** and **Charisse Lachica**. In addition, **Dena Hubbard** was promoted to Clinical Associate Professor of Pediatrics.

The Division of Neonatology welcomed three new faculty neonatologists. **Mariana Theodoro** completed her fellowship at Johns Hopkins All Children's Hospital, Saint Petersburg, FL. **Sean Curtis** completed his fellowship at Rainbow Babies and Children's Hospital, Cleveland, OH. **Megan Tucker** completed her fellowship at Children's Mercy Hospital Kansas City, MO.

NEBRASKA

University of Nebraska Medical Center, Omaha

Abhineet "Monty" Sharma has joined UNMC's Division of Neonatology part time after completing his fellowship at Northwestern. He is concurrently completing a Pediatric Pulmonary Fellowship at UNMC.

Ann Anderson Berry has been named the Executive Director of the Child Health Research Institute at UNMC and the inaugural Vice President of Research at Children's Hospital and Medical Center.

SOUTH DAKOTA

Sanford Children's Hospital, Sioux Falls

Michelle Baack became the Chair of Pediatrics at the University of South Dakota Sanford School of Medicine in September 2021.

Laurie Hogden and **Jessica White** were promoted to Associate Professor at USD SSOM.

District VII: John Loyd

ARKANSAS

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

Congratulations to **Nidhi Agarwal** and **Misty Virmani** for their promotions to Associate Professor of Pediatrics.

Best wishes to **Becky Rogers** who is retiring at the end of December after 18 years at UAMS. Prior to coming here, Becky practiced at the University of Kansas Medical Center and at Santa Clara Valley Medical Center.

Congratulations to **Richard (Whit) Hall** who received NIH funding as PI of "The HEAL Initiative: Neonatal Opioid Withdrawal Syndrome Pharmacological Treatments Comparative Effectiveness Trial."

Congratulations to **Sherry Courtney** who received NIH funding as a PI of "The DIVA Trial: Diaphragmatic Initiated Ventilatory Assist," along with **Elizabeth Foglia** and **Hareh Kirpalani**.

LOUISIANA

Louisiana State University Health Science Center, New Orleans

LSUHSC welcomed the addition of two new faculty members. **Mary Johnson** recently completed her fellowship at the University of Texas-Houston. **Peter Joslyn** recently completed his fellowship with our program. They expanded our team of 12 Division neonatologists providing care for infants at the Children's Hospital of New Orleans and at six other area community hospitals in a joint effort with the Tulane University School of Medicine Section of Neonatology.

Congratulations to **Staci Olistter** for being promoted to the rank of Professor of Clinical Pediatrics. She continues to serve as Medical Director of the NICU at Touro Infirmary.

LSUHSC welcomed two new fellows to our program. **Jeremy Lawson** joined us after working as a staff pediatrician with the U.S. Army Medical Corps in Fort Hood, TX. He previously trained with the San Antonio Uniform Services Health Education Consortium. **Kelly Ordemann** joined us following residency and chief residency at Our Lady of the Lake Children's Health in Baton Rouge, LA.

Sixteen years to the day after Hurricane Katrina, Hurricane Ida impacted the south Louisiana and the greater New Orleans area on August 29, with winds more significant than Katrina but limited flooding thanks to improved

levee protection. Division members took on patient care responsibilities at our network of hospitals during and after the storm with limited impact to patients. Assistance was offered to other regional hospitals that suffered greater impact and were unable to continue to provide safe patient care. Sincere thanks to all who reached out to help during and after Hurricane Ida!

Children's Hospital of New Orleans completed a four-year \$300 million hospital update with new clinical spaces, updated public spaces, and expanded family housing, providing a beautiful campus-like atmosphere in uptown New Orleans on the banks of the Mississippi River.

TEXAS

Baylor University and Texas Children's Hospital, Houston

Congratulations to the following new faculty in Community Neonatology: **M F Haroon Parupia, Samina Jamil, Alok Jain, and Mohammad Khalaf**. We were also pleased to welcome the following in MedCenter Neonatology: **Dajana Sabic and Davlyn Tillman**.

Congratulations to **Kristina Reber** who became the Division Chief of Neonatology in July 2021.

Congratulations to the following new MedCenter pediatricians: **Michelle Javier, Whitney Hang, Carrie Aitken, and Sara Daum**. We are also pleased to welcome a Community Pediatrician, **Sangeetha Athis Rajh**.

Congratulations to **Mohan Pammi and Caraciolo Fernandes** for being promoted from Associate Professor to Professor.

Congratulations to the following faculty for being promoted from Assistant Professor to Associate Professor: **Melissa Carbajal, Ganga Gokulakrishnan, Nathan Sundgren, and Shaeequa Dasnadi**.

We are excited to welcome the following new fellows to our program: **Hari Gopal Rupa** from University of Tennessee College of Medicine, Chattanooga; **Janzen Peter** from Inova Children's Hospital; **Jorgensen Bryce** from Michigan State University/Sparrow Hospital; **Snell Johnae** from John Hopkins All Children's Hospital; **Zebda Rema** from Ohio State University/Nationwide Children's; and **Zheng Feng** from University of Arkansas.

Congratulations to **Milenka Cuevas** who received the Baylor College of Medicine Women of Excellence Award. She was also elected to the Chair position of the Education Committee of the BCM Diversity Council and to be the Secretary of the Executive Board of the BPD Collaborative.

Milenka Cuevas was named the Chair for the BPD Collaborative Annual Meeting in 2022.

Charleta Guillory received the Baylor College of Medicine Master Clinician Faculty Award for Excellence in Patient Care. She began serving her term on the AAP Committee on Fetus and Newborn this summer.

Charleta Guillory is the President of the Texas Pediatric Society (TPS) of the American Academy of Pediatrics for 2021-2022, during the organization's centennial year. It is the largest state chapter of the AAP.

Baylor's Avoiding Lung Injury Conference (BALI) will be held February 24-25, 2022. Join us for a virtual two day-symposium focused on strategies for minimizing lung injury and improving respiratory outcomes in the NICU. A great panel of internationally recognized speakers will discuss a variety of controversial and hot topics in neonatal respiratory care. You do not want to miss this opportunity to learn! For added details visit: www.bcm.edu/BALI-conference.

Congratulations to **Amy Hair** for receiving the Men of Distinction Award, a \$100,000 research grant to further work on her neonatal GI project.

Sharada Gowda co-authored two book chapters to be published in 2022. She is also a member of SOECP Leadership Programming Advisory Group.

Congratulations to **Michael E. Speer** for being elected Chair of the Texas Department of State Health Services Advisory Committee on Newborn Screening. He was also elected President of the Texas Medical Association Foundation Board of Trustees for a two-year term.

Dell Medical School/Dell Children's Medical Center, Austin

Congratulations to **Alan Groves** for being named the inaugural Program Director for the Neonatal-Perinatal Medicine Fellowship Program that will welcome its first class in the summer of 2022.

Alan Groves penned a chapter in the most recent edition of *Avery & McDonald's Neonatology*.

Congratulations to **Ashley Lucke** who was named to the AAP Committee on Fetus and Newborn. She will also serve as the Associate Program Director for the new Neonatal-Perinatal Medicine Fellowship Program.

Congratulations to **Molly Pont** for her promotion to the Associate Division Chief of Neonatology at Dell Medical School Austin.

Congratulations to **Natalie Frost** who has been promoted to Associate Professor at Dell Medical School Austin. She has also been named the Neonatal Transport Medical Director, as well as the Neonatal Medical Director of the Fetal Center at Dell Children's Medical Center.

The Fetal Center at Dell Children's Medical Center opened May 3, 2021 under the leadership of **Ken Moise** and is equipped to provide a comprehensive array of fetal

interventions. Dr. Moise has recently welcomed **Michael Bebbington** from Washington University to the program.

Dell Children's Medical Center Special Delivery Unit opened July 5, 2021 to deliver high-risk infants within the children's hospital.

Pediatrics and Obstetrics Specialists of Houston

Pediatrics and Obstetrics Specialists of Houston was established in 2021 and is a large group of Neonatologists, Maternal-Fetal Medicine Specialists, Pediatricians, and NNPs that cover over 25,000 births per year in Texas.

Congratulations to **David Weisoly** who was honored with the Miracles Award by Graham's Foundation during their annual Tinis for Preemies event (<https://grahamsfoundation.org/2021-virtual-tinis-for-preemies>), recognizing his long career of collaborative QI and Neonatal Education.

We recognize **Tracey Baker** for her help to the people of New Orleans with the HCA Houston Air Transport team. She was dispatched to New Orleans after Hurricane Ida and aided in the transfer efforts at Tulane Lakeside Hospital.

Congratulations to **Linda Chase** for her appointment to the Texas Perinatal Advisory Council. The Perinatal Advisory Council oversees the rules governing maternal and neonatal care throughout the state of Texas.

Congratulations to **Owais Khan** who was selected to the State Child Fatality Review Team. The State Child Fatality Review Team oversees all child fatality cases throughout the state of Texas and provides recommendations to the Governor and legislature to reduce child mortality in the state.

The University of Texas Southwestern Medical Center, Dallas

We are thrilled to welcome the following new faculty to the Division: **Jesse Banales, Lorraine Bautista, Chelseá Johnson, Aparna Patra, and Christine Pazandak**.

UTSW 2021 Leaders in Clinical Excellence Award winners included **Lina Chalak** who received the Mentoring Award and **Becky Ennis** who received the Patient and Family Recognition Award.

Congratulations to **Mambarambath Jaleel** and **Rashmin Savani** who were highlighted in "SPR Member News."

Congratulations to **Noorjahan Ali** and **Venkat Kakkilaya** for being elected to SPR membership.

Congratulations to the following physicians for being featured on Today@UTSW: **Lina Chalak** for improving outcomes for babies undergoing hypothermia treatment for HIE; **Shalini Ramachandran** for his SPR Award on preterm feeding research; **Heather Weydig** and **Venkat Kakkilaya** for their work on optimizing respiratory support for babies; and **Sushmita Yallapragada** talking about how to keep babies safe during the summer.

Congratulations to **Becky Ennis** for being elected as an At-Large Representative on the Clements Hospital MEC.

Vishal Kapadia was an invited speaker at the 2021 Neonatal Transition Summit on Resuscitation and Transition of Extremely Preterm.

Congratulations to **Christoph Lehmann** for being awarded the Physician Innovator of the Year at UT Southwestern.

Congratulations to **Rachel Leon, Imran Mir,** and **Julie Mirpuri** for being promoted to Associate Professor of Pediatrics effective September 1, 2021.

Congratulations to **Lisa Mason** for receiving the March of Dimes Excellence in NICU Leadership Award 2021.

Congratulations to **Eric Ortigoza** for being accepted into the KL2 Master of Clinical Science Program in the Center for Translational Medicine and invited as NRP Instructor for International Providers at AHA Training Centers.

Congratulations to **Myra Wyckoff** who was awarded the SSPR Pediatric Educator Award 2021.

UTSW Clements University Hospital was named best hospital in Dallas-Fort Worth and second best in Texas for the fifth year in a row.

UTSW Clements NICU gained Level III designation by DSHS.

Congratulations to winners of the 2021 APP Excellence Awards at Dallas Children's Hospital. **Gayla Eppinger** won the award for Research and Innovation. **Catherine Wiethorn** won the award for Quality Care. **Tara Gant** won the award for Mentor-Preceptor.

District VIII: James Barry

We are looking forward to the upcoming AAP District VIII Section on Neonatal-Perinatal Medicine 45th Annual Conference in Big Sky, MT, scheduled for June 16-19, 2022. We are anticipating an in-person event where state-of-the-art science meets cutting-edge research, quality and safety at an exceptional venue. Call for abstracts coming soon! Conference registration site opened in December 2021. See: <https://montana2022.district8sonpm.org>.

COLORADO

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

Stephanie Bourque recently completed a two-year K12 PEDSnet Scholars Career Development Program focused on learning health systems research.

Laura Brown is President of the Western Society for Perinatal Research and President of the Perinatal Research Society. She was a speaker for Neo NutGut: A Postgraduate Course Covering Neonatal Nutrition and Gastrointestinal Physiology at the PAS Meeting in 2021.

Stephanie Skuby Chassen was awarded the Abbott Nutrition Subspecialty Travel Award for her work entitled, "Elevated Triglyceride Concentrations in Umbilical Cord Plasma from Human Intrauterine Growth Restricted Pregnancies Correlate with Ultrasound Markers of Poor Fetal Wellbeing."

Susan Niermeyer received the Clifford Grulee Award presented by **Dr. Lee Savio Beers**, President of the AAP, during the AAP NCE in October 2021. The Award, established in honor of Dr. Clifford G. Grulee, a founder and longstanding officer of the organization, is the highest recognition bestowed by the Academy for service on behalf of the AAP and children. Very well deserved and thanks to Susan for her commitment!

Thomas Parker has been appointed as the Interim Vice Chair for Education.

Paul Rozance, Fred Battaglia Chair, Section of Neonatology has been promoted to Tenured Professor of Pediatrics.

Clyde Wright was an invited faculty at the 2021 Recent Advances in Neonatal Medicine held in Wurzburg, Germany in October and at the international Sharing Progress in Neonatology Meeting in June.

Fellows **Yo Nishihara** and **Pavika Varma** received Children's Hospitals Neonatal Consortium Mentored Fellow Research Awards

Fellow **Christina Ramo** was awarded the COEPS grant for her project, "Improving the Frequency and Quality of Parental Updates in the NICU," through the Children's Hospital Colorado Clinical, Operational Effectiveness, and Patient Safety Program.

HAWAII

University of Hawaii John A. Burns School of Medicine/Tripler Army Medical Center, Honolulu

Kara Wong Ramsey, Akshatha and **Charles Neal** are leading a NICU project on adoption of Eat Sleep Console protocol for NOWS as a part of the IDeA States Pediatric Clinical Trials Network, a NIH funded protocol. Active enrollment is slated for completion in June 2022.

Sheree Kuo was promoted to Associate Professor at University of Hawaii, John A. Burns School of Medicine.

Pattaraporn Chun and NNP **Dana Ing** were accepted as Scholars in the Hawaii Maternal and Child Health Leadership Education in Neurodevelopmental Disabilities program.

Kandie George was accepted to Harvard Medical School's Palliative Care Education and Practice course.

Lynn Iwamoto and **Richard Jack** were recognized in a white paper published by Health Catalyst for their excellence in using data to improve neonatal care.

Mathew Harrell has assumed the role of Assistant Program Director for the Neonatal-Perinatal Medicine Fellowship Program.

Lauren Staiger graduated from our fellowship program and will be joining as staff effective November 2021.

OREGON

Oregon Health Sciences University, Portland

Trang Huynh and **Brian Jordan** were promoted to the rank of Associate Professor of Pediatrics.

The Northwest Neonatal Improvement Priority Alliance hosted its 6th Annual Meeting on Friday November 5, 2021. Although virtual due to the pandemic, a great set of speakers discussed topics including medical legal partnership, family centered care, and the perinatal health inequities that affect the Native American/American Indian population.

UTAH

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

The University of Utah has established the **Robert M. Ward MD** Endowed Chair in Clinical Pharmacology in the Department of Pediatrics with funding from the Division of Neonatology. Dr. Ward joined the University Division of Neonatology in 1985 and established the Division of Clinical Pharmacology in 1995. He served on the FDA Pediatric Advisory Committee for 10 years and as PI for the Utah Pediatric Pharmacology Research Unit. He collaborated in the development of federal legislation to increase the study of drugs in children while Chair of the AAP Committee on Drugs. His publications include over 130 peer-reviewed manuscripts and 29 book chapters.

Belinda Chan was promoted to Associate Professor of Pediatrics, University of Utah School of Medicine.

Robert D. Christensen was honored with the WSPR Abbott Nutrition Joseph W. St. Geme, Jr. Education Award Endowment and a fellowship was established, named the Robert D. Christensen Fellowship in Neonatal-Perinatal Medicine.

Matt Douglass received certification in POCUS, joining **Michelle Yang** and **Belinda Chan** as POCUS-Certified Neonatologists.

Peter Grubb was promoted to Professor of Pediatrics, University of Utah School of Medicine.

Michelle Yang is Co-Director of the newly opened Pulmonary Hypoplasia Follow-Up Clinic.

Michelle Yang was awarded a Thrasher Research Fund Early Career Award for study titled, "A Trial of Phosphodiesterase-5 Inhibitor in Neonatal Congenital Diaphragmatic Hernia."

University of Utah welcomed **Akhil Maheshwari** as the 3rd annual Robert Christensen Neonatology Grand Rounds speaker in October 2021.

The Annual Western Society for Pediatric Research Kurt Albertine State-of-the-Art Lectureship was created; the inaugural presentation will be given by **Stella Kourembanas** in Jan 2022.

Sarah Bernstein joined us after completing fellowship at Duke University.

Samuel Bircher joined the faculty after completing his fellowship in Utah.

We welcome **Shelley Lawrence** who joined the Division this fall, coming from sunny San Diego. Her research interests are in sepsis and the microbiome. Shelley is PI for a R01 from NICHD to study NeoChips for diagnosis of CMV and HSV.

WASHINGTON

University of Washington School of Medicine, Seattle

At the end of this year, **Sandra Juul** is stepping down as Division Head after leading the Section since 2015. She will continue to lead research studies and mentor junior faculty and fellows at the University of Washington and Seattle Children's Hospital. We thank her for all she has done and will continue to do for our group and for the field of Neonatology!

Zeenia Billimoria and **Megan Gray** were promoted to Associate Professor of Pediatrics, University of Washington School of Medicine.

Colin Parker was promoted to Assistant Clinical Professor of Pediatrics, University of Washington School of Medicine.

Taylor Sawyer was promoted to Professor of Pediatrics, University of Washington School of Medicine.

Elliott Weiss is PI on the K23 grant from the NICHD, "Improving Diversity in Neonatal Clinical Trial Enrollment," awarded in May 2021.

Rachel Umoren is PI on a R21/R33 grant from the NICHD, "Mobile Virtual Simulation Training in Essential Newborn Care for Healthcare Workers in Low and Middle Income Countries," awarded in September 2021.

Rachel Umoren assumed the role of Program Director for the AAP Section on Global Health International Community Access to Child Health (ICATCH) Grants Program in October 2021.

Ulrike Mietzsch was selected as member of the Newborn Brain Society, QI and Research Committee, where she will join **Sandra Juul**.

Mihai Puia-Dumitrescu was selected as member of the Newborn Brain Society, Communication and Networking Committee.

Sarah Durrani will join the University of Washington and Seattle Children's Hospital after completing her training at Loma Linda University Children's Hospital and one year in Orlando, FL.

The AAP District VIII Section on Neonatal-Perinatal Medicine 45th Annual Conference in Big Sky, Montana is scheduled for June 16-19, 2022. We are anticipating an in-person event where State of the Art Science meets cutting edge research, quality and safety at an exceptional venue. The Conference registration opens in December 2021. <https://montana2022.district8sonpm.org>



District IX: Alexis Davis

CALIFORNIA

California Association of Neonatologists (CAN)

The 28th 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 with in-person and virtual attendance options on March 4-6, 2022. Please visit <https://www.cme.ucla.edu> for more details. **Robert Kahle**, CAN President, and the Planning Committee have put together a great agenda for this hybrid conference focused on the NICU care and outcomes of ELBW infants. The conference will kick off Friday evening with a keynote lecture by **Prakesh Shah** on "Small Baby Care and Outcomes: International Perspectives." Throughout the weekend, an expert group of speakers will address several important topics including trauma-informed care in the NICU, BPD QI and management, high-risk infant follow-up, body composition, feeding rehabilitation and neurodevelopment.

The 18th annual Life after Fellowship Workshop will be held on Thursday, March 3, 2022, as part of the annual Cool Topics in Neonatology meeting. Fellows from District IX attend the Workshop that is jointly sponsored by CAN, District IX SONPM, Harbor UCLA and TECaN. The focus is on various types of neonatology practice (academic, private, full time vs. part time) as well as topics like

interviewing skills, financial concerns, and learning about the business aspects of Neonatology.

The CAN Practice and Standards Committee (Chair: **Robert Castro**) has done outstanding QI work in NAS management. To date, 33 California NICUs have enrolled 675 infants in the MATEX database in collaboration with CPQCC. The plan is to expand the MATEX database to amphetamine/THC exposure.

California Perinatal Quality Care Collaborative (CPQCC)

CPQCC is excited to launch a brand new resource created to help member NICUs make the most out of CPQCC's NICU Reports site. Our new NICU Reports "How To" Video Series (<https://www.cpqcc.org/nicu-reports>) walks viewers through the wide range of CPQCC tools available to visualize and understand NICU-level data and use those insights to drive improvements in NICU care.

CPQCC's 3rd annual Improvement Pooza, Families as the Foundation of High Quality, Inclusive NICU Care, to be held March 4, 2022, is designed to help teams center NICU families as vital partners in their infant's care. Attendees will learn how family-centered care leads to better NICU outcomes and improved patient and family experiences. Held in conjunction with the 2022 CAN Cool Topics in Neonatology Meeting, CPQCC's Improvement Pooza 2022 is a can't-miss event that will help NICU teams empower parents as critical members of the NICU team. The event will be held live at the Coronado Island Marriott Resort and Spa and

will also be live streamed for those that wish to attend virtually. For more information, see: <https://www.cpqcc.org/improvement-palooza>

Cedars Sinai, Los Angeles

Cedars-Sinai NICU is now an affiliate site of the program based at Harbor-UCLA. **Kurlen Payton** is Associate Program Director for the Cedars-Sinai site, joining Harbor-UCLA fellowship program leaders **Virender Rehan** (Program Director) and **Katherine Kuniyoshi** (Associate Program Director).

We are excited to welcome fellows to the Harbor-UCLA/Cedars-Sinai Neonatal Perinatal Medicine Fellowship Program. In July 2021, we welcomed 1st year fellows **Francesca Le** (Residency: New York Presbyterian-Brooklyn Methodist Hospital, Brooklyn, NY), **Dagem Mammo** (Residency: Children's National Medical Center, Washington, DC), **Navneet Singh** (Residency: University of San Francisco, Fresno, CA) and **Rashmi Somu** (Residency: Texas Tech University Health Sciences Center, El Paso TX).

Yolanda Brown-Madan and **Seth Langston** received the first funding award from Vermont Oxford Network's Take Action to Follow Through Health Equity Innovation Grant Program for their project. "Reducing Implicit Bias in the NICU." The funding will support staff education about race-related health disparities; including a lecture series featuring national experts to address topics such as health disparities, implicit bias and microaggressions, historical inequities in medicine; small group workshops; and support groups to inform QI in the NICU.

Children's Hospital Orange County (CHOC) and University of California, Irvine

On November 11, 2021, CHOC hosted 312 registrants at our virtual 19th Annual Academic Day for Neonatologists. Our Planning Committee included **Vijay Dhar**, Division Chief, CHOC/UC Irvine; **Virender Rehan**, Division Chief, Harbor/UCLA; and **Suhas Kallapur**, Chief of Neonatology and Developmental Biology at the Mattel Children's Hospital, UCLA. They brought together impressive expert speakers to discuss current research and best practices in the care of the neonatal infant. Speakers included **Sandip Godambe**, CHOC's new CMO; **Glen Van Arsdell** and **Tracy Grikscheit** focusing on surgical interventions and stem cell therapeutics; **Abbott Laptok** discussing spontaneous intestinal perforation; **Michael Ross** talking about developmental origins of childhood and adult obesity; and **Namasivayam Ambalavanan** and **Alan Jobe** with comprehensive discussions on biomarkers of BPD and new PK and PD information about antenatal steroids. For our 20th Annual Academic Day for Neonatologists, we look forward to networking in person at the Irvine Spectrum Marriott as a hybrid meeting (in-person/virtual) on Thursday, November 10, 2022.

Loma Linda University

We are pleased to announce the recruitment of **Yoginder Singh**, a leading academician and world-renowned expert in Point of Care Ultrasound (POCUS). Dr. Singh, formerly a Consultant Neonatologist with Cambridge University Hospitals, brings over 20 years of expertise, extensive grantsmanship and research to the Division.

Christopher Wilson and **Arlin Blood**, in our affiliated Lawrence D. Longo Center for Perinatal Biology, received a \$2.7 million NIH R01 award to study, "Unraveling Lung Interoception and Its Functional Consequence in the Developing Ovine Lung." This project, part of the NIH's Blueprint for Neuroscience research, will investigate the role of intrinsic lung interoceptors and their circuits in the normal development of the lung and central respiratory networks. It will map the pulmonary interoceptor circuitry from the lung to the brain as well as explore the potential effects of disruptions in this pathway on lung structure and function during the fetal and newborn stages of life.

Neonatology Today has increased its digital presence with the creation of a new "digital website," *NeonatologyToday.org*, which facilitates manuscript search and retrieval services as part of NT's goal of applying for inclusion in PubMed central. *Neonatology Today* has also opened a news channel on YouTube with Kimberly Hillyer as our news anchor. Content can be accessed through a link through the latest journal (nt-nov21.pdf (neonatologytoday.net) or through YouTube directly (<https://www.youtube.com/channel/UC8k-1zjAUWsnefPrmqXBvA>).

Providence Tarzana Cedars-Sinai Medical Center

Roxanne Arcinue and **Frances Su** were program coordinators for the 4th Annual Neonatal Care at its Best multidisciplinary NICU conference at Providence Tarzana Cedars-Sinai Medical Center in November. The conference was a hybrid on-site/virtual conference. The 5th Annual conference is planned for fall 2022.

Sharp Mary Birch Hospital for Women & Newborns, San Diego

Katherine Coughlin received a grant from Chiesi USA to expand her QI work with the goal of reducing BPD in the Sharp Mary Birch NICU.

Jenny Koo received the AAP NRP Young Investigator grant to support her research work in the DOXIE (Delayed Cord Clamping with Oxygen in Extremely Low Gestation Infants) echocardiography sub-study.

Sharp Neonatology is now recruiting infants for two new clinical trials: DOXIE (Delayed Cord Clamping with Oxygen in Extremely Low Gestation Infants, NCT 04413097) and ACT NOW (Advancing Clinical Trials in Neonatal Opioid Withdrawal, NCT 04214834).

Stanford University, Palo Alto

Robert Castro was elected as the Chair of the American Board of Pediatrics Subcommittee, Neonatal-Perinatal Medicine. His term begins January 1, 2022. Dr. Castro has been a member of the Subcommittee since 2019.

Anca Pasca was selected to be a member of the Society for Pediatric Research. She also recently received a three-year, \$1.4 million grant from The Bill and Melinda Gates Foundation to identify drugs that may be protective against neonatal hypoxic ischemic brain injury. She will use gray matter organoids derived from induced pluripotent stem cells to develop platforms for simultaneously screening hundreds or thousands of compounds, with the goal of finding candidate drugs that may improve neurodevelopmental outcomes.

Janene Fuerch co-founded women's reproductive health company Emme, and this fall, *Time Magazine* named Emme's smart birth control system one of the top 100 best inventions of 2021.

Shamita Punjabi and **Elizabeth Blecharczyk** are developing a neonatal health disparities curriculum for pediatric residents and were recently named recipients of the 2021-2023 Picker Gold Challenge Grants for Residency Training. The 18-month grants are designed to support innovative projects within the GME setting designed to encourage patient-centered care.

Arun Gupta is the recipient of the inaugural AAP Section on Hospital Medicine Service Award, honoring his contributions as the Co-Chair of the Section's Subcommittee on Neonatal Hospitalists. The award recognizes an individual's efforts to optimize the delivery of health care to children in an inpatient setting, improve quality of care for children, serve the highest priority needs of the membership, and advance the pediatric hospitalist profession through leadership and advocacy.

In October 2021, the AAP Section on Simulation and Innovative Learning Methods announced an award named after **Lou Halamek**, who was presented with the inaugural Lou Halamek Excellence in Pediatric Simulation Award. This award honors Dr. Halamek's dedication, passion, and his profound impact and legacy in improving safety, efficiency, and effectiveness in the care of newborns and mothers through groundbreaking work and advocacy in neonatal, pediatric, and obstetric simulation.

University of California, Davis

We are pleased to announce and excited to welcome **Steven McElroy** as the new Professor of Pediatrics and Chief of Neonatology. Dr. McElroy was recruited from the University of Iowa and will bring his clinical knowledge of caring for infants at the limits of viability and his research program investigating injury and repair mechanisms of the immature intestine to Davis.

We are excited to welcome **Christina “Muffy” Sollinger**, Associate Professor of Pediatrics who was recruited from Golisano Children’s Hospital in Rochester; **Emily Stieren**, Assistant Professor of Pediatrics who was recruited from UC San Francisco; and **Geoanna Batista**, Assistant Professor of Pediatrics who recently finished fellowship at UCLA.

Satyan Lakshminrusimha was a speaker at NorthWest UK Neonatal Study Day and delivered the Robert B. Cotton lecture on, “Why Pediatricians Love Oxygen,” at Vanderbilt University Medical Center. He was appointed as the Co-Chair of the Clinical Funds Flow Committee for UC Davis Health.

Deepika Sankaran was awarded a NRP Research Grant entitled, “Neonatal Hypovolemic Cardiac Arrest: Effect of Early Rapid Volume Resuscitation.”

Steven McElroy was the Fred Battaglia Honorary State-of-the-Art Presentation Invited Speaker at the WSPR Meeting in Carmel, CA. His talk was titled, “The Effects of Maternal Inflammation on Fetal Intestinal Development and Why That May Predispose to Necrotizing Enterocolitis.”

We are pleased to announce that **Catherine Rottkamp** was named Medical Director, and **Christina “Muffy” Sollinger** was named Associate Medical Director, at UC Davis.

We would like to announce the retirements of **Mark Underwood** and **Don Null**, both of whom were instrumental in building the program and shaping the lives of countless newborns at UC Davis.

University of California, Los Angeles

Ben Macadangdang joined UCLA as an adjunct Instructor of Pediatrics. In 2020, Ben received the prestigious physician-scientist development award (NIH K12), which is a competitive grant awarded by the American Pediatric Society. Ben is studying how intestinal microflora generate diversity by evaluating diversity generating retroelements in germ free (gnotobiotic) mouse models. Ben will continue the Physician Scientist Development Program award as a junior faculty member at UCLA.

Kara Calkins is a Co-PI in a recently funded NIH multi-site RCT comparing oral DHA/ARA to standard of care, investigating specific clinical outcomes and various -omics. The lead PI for the grant is **Cami Martin** from Boston Children’s Hospital.

Fellow **Zubin Mehta** was awarded the 2021 Eli and Edythe Broad Center of Regenerative Medicine and Stem Cell Research at UCLA Training Program Award.

Fellow **Esther Kim** received a UCLA CDI seed grant for studies on prevention of ROP in mouse model using DHA/ARA.

University of California, San Diego

We welcomed **Karen Mestan** as our new Division Chief of Neonatology. Dr. Mestan was previously an attending neonatologist at Northwestern/Lurie Children’s Hospital in Chicago for 19 years, where she directed several research and clinical initiatives such as the Cord Blood and Placental Tissue

Biorepository for Neonatal Research, Perinatal Origins of Disease initiative, and the Little Heroes League Program for medically complex NICU patients. She brings her translational research program to UCSD/Rady Children’s Hospital, funded by NHLBI and NICHD, on the role of cord blood monocytes and placental dysfunction in BPD-associated pulmonary hypertension.

Nathaly Sweeney was awarded the UCSD Department of Pediatrics NIH/NICHD K12 Child Health Research Career Development Award to support her work on the genomics of congenital heart disease.

Eniko Sajti was recently elected as a member of the Society for Pediatric Research.

Krishelle Marc-Aurele has been selected as a Fellow of the American Academy of Hospice & Palliative Medicine.

District X: Ravi Patel

ALABAMA

University of Alabama at Birmingham

We are excited to announce the following promotions: **Lindy Winter** and **Brian Sims** to Professor and **Ariel Salas**, **Albert Manasyan**, and **Hannah Hightower** to Associate Professor.

The SPR Clinical Research Award to Mentee was presented to **Scott Herrod** at PAS.

Myriam Peralta-Carcelen was awarded a NIH U01 award for “HEALTHy Brain and Child Development Study at UAB and UA.”

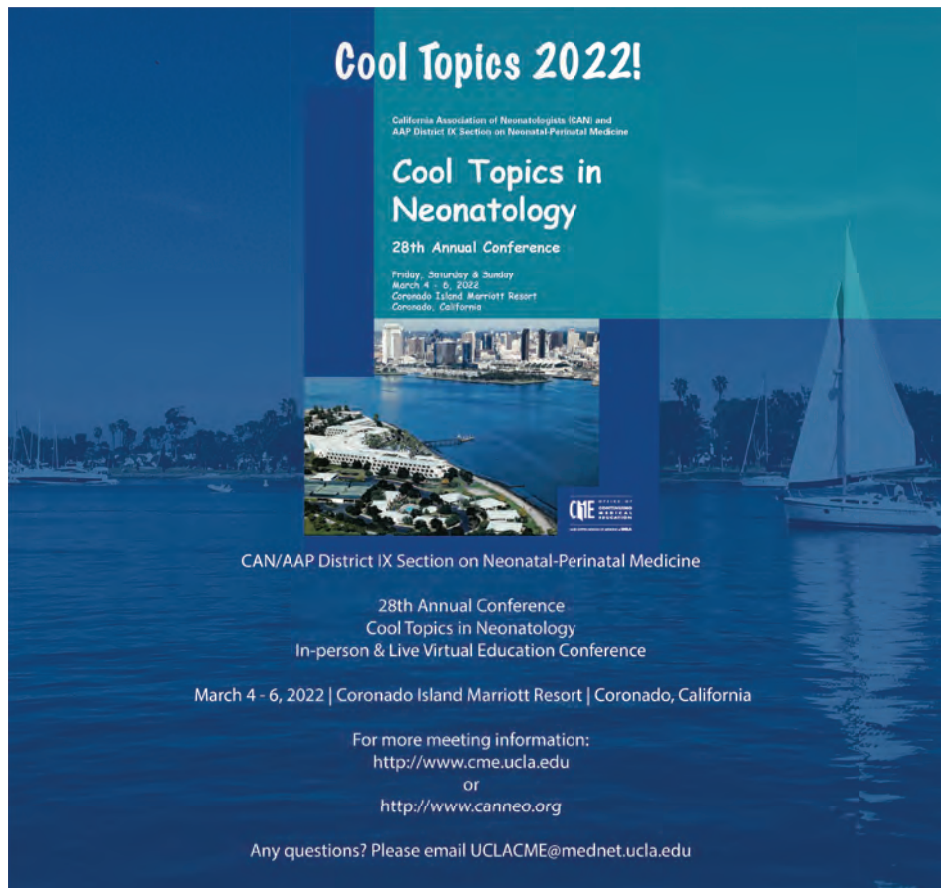
Namasivayam Ambalavanan was awarded a NIH R01 award, “Vital Signs in Opioid-Exposed Neonates,” and a UG1 award for “The UAB Clinical Site HEAL Neonatal Opioid Withdrawal Pharmacological Treatments.”

Vivek Lal was granted a patent on Inhaled Probiotics for Chronic Lung Disease of Adulthood, Childhood, and Infancy.

Kent Willis was selected to be *AJP Lung* Editorial Board Fellow and for the NIH Early Career Reviewer program in Center for Scientific Review panel member. He also received the NIH Loan Repayment Program Award.

In April 2021, the University of Alabama at Birmingham Regional NICU team celebrated as **Curtis Means** was discharged after 275 days in the hospital. Six months later, in November 2021, Curtis and his team held another celebration as he was officially named the world’s most premature infant to survive by *Guinness World Records*. Curtis was born 132 days early.

We had three new fellows join us this past July: **Kathryn Brand**, **Kylee Miller**, and **Binh Vu**.



Cool Topics 2022!
California Association of Neonatologists (CAN) and
AAP District IX Section on Neonatal Perinatal Medicine

**Cool Topics in
Neonatology**
28th Annual Conference
Friday, Saturday & Sunday
March 4-6, 2022
Coronado Island Marriott Resort
Coronado, California

CAN/AAP District IX Section on Neonatal-Perinatal Medicine

28th Annual Conference
Cool Topics in Neonatology
In-person & Live Virtual Education Conference

March 4 - 6, 2022 | Coronado Island Marriott Resort | Coronado, California

For more meeting information:
<http://www.cme.ucla.edu>
or
<http://www.canneo.org>

Any questions? Please email UCLACME@mednet.ucla.edu

Ariel A. Sala joined the 2021 class of James A. Pittman Jr., MD UAB Scholars based on his research achievements and his potential for continued discovery in the clinical sciences.

FLORIDA

University of Florida, Gainesville

Sandra Sullivan, Nicole Cacho, and **Meredith Mowitz**, along with colleagues at the University of South Florida, completed a State of Florida use of donor milk study, funded by the Agency for Healthcare Administration through the Florida Medical School Quality Network. Through this initiative, a report to ACHA was generated showing the prevalence of donor milk use in preterm infants in Florida, estimated effects on NEC rates, and potential cost savings to the state for “NEC cases averted.”

Following a sentinel manuscript describing the antibody response in breast milk after Covid-19 immunization, 2nd year fellow **Vivian Valcarce** was awarded a grant from the Gerber Foundation entitled “COVID-19: Human Milk Antibody Response to COVID-19 Vaccination and Protection” to further these studies. Dr. Valcarce is mentored by **Joe Neu** and **Nicole Cacho**.

Meredith Mowitz and **Michael Weiss** are Co-Investigators on the UF team awarded a new five-year U01 grant from NIH as part of the Healthy Brain and Child Development (HBDC) Study. UF will recruit pregnant women and follow their infants into childhood to learn more about early brain development and the impact of the in-utero environment, including exposure to stress, substances and environmental factors, on development.

University of Miami

We are pleased to report that **Laura Chavez** joined the faculty in the Division of Neonatology at UM Miller School of Medicine. Dr. Chavez is a graduate of our program in Miami and has special interest in QI and in developmental pediatrics.

The 45th Miami Neonatology Conference took place in Miami Beach, FL on November 15-17, 2021. The Conference was dedicated to the late **Charlie Bauer** who was the Associate Director of the Division, and one of the founders and Co-Director of this educational activity for more than 45 years. Speakers included 10 outstanding guest faculty and five UM faculty. Despite the restrictions imposed by the health crisis, Miami Neonatology was successfully presented in a hybrid format to more than 650 in-person attendees and over 1,000 others who joined the livestream from 55 countries.

HCA Florida University Hospital, Davie

After 60 years of operation, 40 of which included a Level III NICU, Plantation General Hospital (PGH) closed its doors November 15 and had all services moved to the new HCA FL University Hospital Davie, on the Nova University Campus. The new Level III NICU is 32 beds and is a major upgrade from our old PGH unit.

The Section would like to thank the following sponsors:

Abbott Nutrition

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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

Brodsky & Martin's Neonatology Review

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WECaN Reception
NeoPrep
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

The new staff includes: **Rune Toms**, who is also a Regional Medical Director for Envision and is boarded in both Neonatology and Pediatric Cardiology; **Ben Couchia**, who has special interests in BPD and innovation; **Daphna Barbeau**, who is interested in developmental issues and family centered care; **Erica Schultz**, who just joined us after finishing her fellowship in Tampa; and **Mitchell Stern**, the long-time director at PGH. We are assisted by a dedicated staff of NNPs and PAs. Besides providing top-notch clinical care, we look forward to expanding our roles in both education and research.

GEORGIA

Augusta University

We welcomed two new fellows in July, **Victor Ayulo** and **Zanna Wynter**. Both are graduates of the Mercer University Pediatric Residency Program.

Rina Mosley was named Educational Director for pediatric residents rotating through the NICU.

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

Maria (Stefi) Barbian was awarded a NICHD K12 Atlanta Pediatric Scholar Award for her project titled, “The Functional Consequences of Maternal Gut Microbial Metabolites on the Developing Fetus.” She will be mentored by **Rheinallt Jones**, **Ravi Patel** and **Patricia**

Denning. Her award continues the area of research initially supported by an AAP Marshall Klaus Award during her fellowship training.

Ravi Patel was elected as Chair of the International Society for Evidence-Based Neonatology (EBNEO). Founded in 2015, EBNEO's vision is that neonatal care should be firmly based on the best available evidence. You can follow EBNEO and get updates on newly published research at EBNEO.org or on social media (Twitter, Facebook or Instagram).

Brenda Poindexter was selected as the Subcommittee Chair of the next NICHD HEAL study, part of an NIH-wide initiative focused on the opioid crisis.

George Bugg and **Sheena Carter** were both given awards of Clinical Distinction at the Annual Department of Pediatrics Award Ceremony. The Clinical Distinction Award recognizes faculty who have made significant clinical contributions.

Nathalie Maitre received a R01 award from the NICHD for a project entitled, “APPLES: Early Childhood Constraint Therapy for Sensory/Motor Impairment in Cerebral Palsy.”

SOUTHEASTERN ASSOCIATION OF NEONATOLOGISTS

35th Annual Conference!

May 26 - 29, 2022

**JW Marriott Marco Island Beach Resort
Marco Island, Florida**



www.southeastneo.com

Supported in part by grants from:

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**American Academy of Pediatrics ~ Section on Neonatal-Perinatal
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Envision Healthcare**

Guest Faculty

Robert Christensen | Richard Polin | David Stevenson | Kelly Wade

**Special Presentation: "History of Neonatology"
Av Fanaroff, William Oh, and Phil Sunshine**

SAN Contacts: Barry D. Chandler, MD, Executive Director

E-mail: bdchandler@aol.com

David Adamkin, MD, President

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Hot Topics in Neonatology

December 4-7, 2022

&

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NEW HYBRID FORMAT!

For over 30 years, Hot Topics has been THE premiere neonatal conference. Join us via live-stream or in-person at the Gaylord National, in National Harbor, Maryland, or view for 30 days after the event in our session library.

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Nemours



The 35th Annual Gravens Conference

Nowhere in the hospital is the environment of care more crucial than in the NICU. Families are born, relationships are forged, and neonatal brains develop rapidly and dramatically with lifelong consequences. When Stan Graven first proposed a conference to explore how we might best support the brain development of our most fragile patients the typical NICU was the antithesis of a nurturing environment. In the over 30-year history of the Gravens Conference the NICU environment of care has changed radically, both structurally and operationally. Families are welcomed and encouraged to become active members of the care team, noxious stimuli have been largely eliminated, and ongoing provision of nurturing stimuli has become a standard of care in many NICUs. Large rooms with space for a dozen or more critically ill infants are no longer being built; single family rooms and couplet care are now the most rapidly growing category of NICU designs.

One might wonder if we now, having come so far, have reached the optimal model for the environment of care with only some fine-tuning remaining to be accomplished. That seems unlikely, though; developmental delays are still common amongst NICU graduates and in most NICUs families are still not fully integrated into the care team, realities that may not be entirely independent of one another.

This is the setting for the 35th annual Gravens Conference on the Environment of Care for High-Risk Newborns. After a virtual meeting in 2021, the 2022 meeting will return to an in-person format, though virtual options for much of the content will also be available both real-time and delayed viewing. With a theme of **Transformational Change: Making it Happen in the NICU**, presentations will address several aspects of the NICU environment of care; some of the highlights include:

Scientific Foundations

- Early adversity in at-risk infants: Insights from epigenetics
- Changing perceptions of neuroprotective strategies
- The metamorphosis of neonatal sleep

- New strategies for neurodevelopmental support of infants nearing discharge
- Incorporating parents into neurodevelopmental care at all stages of prematurity
- Changing the culture of care in the NICU
- Changing practices through quality initiatives

Developmental Care

- How to help parents cope in the NICU
- Sensitive periods for infants and parents
- Co-regulation between babies and mothers
- The continued evolution of family-centered care
- Care for the caregiving team during COVID
- Disparities in NICU breastfeeding

NICU Design

- Report of the “Reimagining the NICU” workshop
- Crowdsourcing new NICU design strategies
- New unit presentations (2)
- State of the Art in NICU design

Abstracts and Workshops

- A plenary session on resilience and change will be followed by workshops and abstracts on all the general topics of interest in the environment of care

Family Care

- Psychosocial support with an emphasis on partners
- Father’s experience: a neonatologist who had a NICU baby
- Environmental injustice and perinatal health inequity, informed by molecular epidemiology
- Mindfulness and microaggression

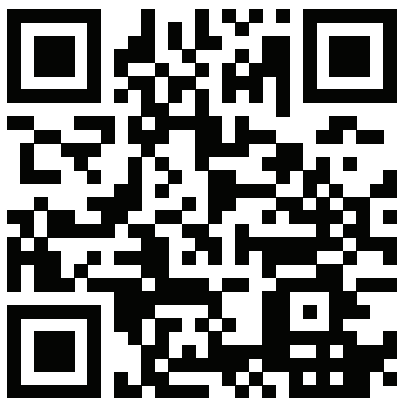
In addition to these formal presentations, the format is designed to encourage informal multidisciplinary interactions in a relaxed setting. The 35th Annual Gravens Conference will be held in Clearwater Beach, Florida March 9-12, 2022; further details and registration information can be found at <https://neonatologytoday.org/Gravens/>



Section on Neonatal-Perinatal Medicine

345 Park Boulevard
Itasca, IL 60143

SONPM Website



aap.org/en/community/aap-sections/sonpm

The SONPM would like to thank Abbott Nutrition for sponsoring the following section activities!

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Virginia Apgar Award

Thomas Cone Jr History Lectureship

L. Joseph Butterfield Lectureship

Perinatal Spring Workshop Welcome Reception

TECaN NCE & Workshop Travel Grants

Gerald Merenstein Lecture

Section Faculty Dinner

NCE Poster Session & Reception

NCE Executive Committee Dinner

ONTPD Networking Session

ONTPD Annual Bootcamp

NeoPREP

APGAR Award Dinner

TECaN NCE Reception

Women in Neonatology

Neonatal-Perinatal Fellows Conferences (2)