

KIDney Notes

The ASPN Newsletter

FROM THE PRESIDENT



Jodi Smith, MD, MPH, President

ASPN 2022 – Year in Review

Happy New Year to all! It has been a tremendous year for ASPN and I wanted to share some of the highlights of 2022.

PAS/ASPN Meeting – We were finally able to meet in person in Denver! Huge thanks to **David Selewski** and the entire program committee

for all their hard work. An added bonus was hearing our very own **Ray Bignall** deliver an inspirational presentation at the PAS Opening Session.

And the winner is..... – It was wonderful to be able to celebrate the accomplishments of many of our colleagues in person this year.

- 2020 and 2021 ASPN Founders' Awardees – **Joseph Flynn** and **Sharon Andreoli**
- 2021 AAP Henry L. Barnett Awardee **Eileen Brewer**
- ASPN Trainee Research Awards
 - Clinical Science Awardee – **Zachary Newton**
 - Basic Science Awardee – **Estefania Rodriguez Ballestas**
- **Julie Ingelfinger** – First recipient of ASN's Barbara T. Murphy Trailblazer Award

To recognize the remarkable work you all do for ASPN, we were excited to launch **three new awards** this year. [Please nominate an amazing pediatric nephrologist you know!](#) Deadline January 31st.

- **ASPN Outstanding Service Award**
- **ASPN Equity, Social Justice and Advocacy Award**
- **ASPN Mid Career Award**

#ASPNTour2022 – We zoomed in to meet more than 275 of you - pediatric nephrologists, fellows, APPs, nurses, dieticians, and social workers. Thank you for welcoming us! We hope you will have us back for **#ASPNTour2023** ☺

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10th Annual ASPN Multidisciplinary Symposium
– Kudos to **Ewa Elenberg** and her team who put together a fabulous program for almost 100 nephrology nurses, social workers, and dieticians!

Thanks to **Bruder Stapleton** and the **ASPN Foundation** who had a very active year. We are so grateful for all they do to support our Society. Some 2022 highlights:

- New initiative to support the New Century Scholar Resident Mentoring Program
- Funding of the H. William Schnaper and Adrian Spitzer Distinguished Lectureships at PAS and 15 Trainee Travel Grants

The **ASPN Mentorship Program** was developed to help our members make connections for any aspect of mentorship that they identify as a need. We had more than 100 of you sign up as a mentor or mentee!

The **JEDI Speaker Bureau** was launched. Thanks to **Nicole Hayde, Keia Sanderson, and Shina Menon** for leading this effort. The goal of this program is to increase the visibility and opportunity for women and/or those who are traditionally underrepresented in medicine to be invited speakers at division meetings, grand rounds, and national/international conferences. [Please sign up to join and/or invite one of these talented individuals to give a talk at your center.](#)

It has been an incredibly productive year for **ASPN's 13 Committees** and **7 Interest Groups** with many new initiatives and dozens of webinars! See our [Annual Report](#) for all they have been up to! We welcomed two new Interest Groups this year – the **Acute Care Nephrology** and **Med-Peds Interest Groups**. Sincere thanks to all of you who lead these groups as well as all the hardworking committee members. As a reminder, the committees and interest groups are open to all Society members at any time of year. *Please reach out to info@aspneph.org if you are interested in joining!*

ASPN's presence continued to grow on **Social Media** in 2022 thanks to the incredible work of the Communication Committee led by **Sudha Garimella** and **Sudha Mannemuddhu** - 8237 followers on Twitter and 100s of followers on Instagram and Facebook. Be on the lookout for the **#ASPNOAM's** monthly tweetorials and the **Sediment** - the official ASPN Podcast.

The Public Policy Committee led by **Michelle Starr, Zubin Modi, and Jesse Roach** alongside **Erika Miller** and **Stefanie Rinehart** had a very productive year advocating for our patients, their families and us! Here is a snapshot of their accomplishments:

- Prioritized the need to improve pediatric ESRD payment with the Centers for Medicare & Medicaid Services (CMS) and Congress.
- Increased funding for the Pediatric Specialty Loan Repayment Program increased to \$10 million in FY 2023, a \$5 million increase from FY 2022 enacted funding levels.
- CMS solicited comments on revisions to the cost report to which ASPN responded. The proposal and the resulting revisions were a direct result of ASPN's engagement with the agency.
- Congress expanded certain Medicare telehealth flexibilities through December 31, 2024 addressing a key ASPN priority.
- ASPN met with NIDDK Director Griff Rodgers and other leaders to discuss pediatric kidney disease research.
- ASPN submitted responses to three UNOS public comment opportunities on transplant, highlighting pediatric concerns.
- Held a successful virtual Capitol Hill Day in March 2022, meeting with 25 House and Senate offices. **Save the date for our next Hill day on May 2, 2023** which will be in person!

On a personal note, my year's highlight has been to serve as the President of this remarkable community! Looking forward, I am excited for the rollout of ASPN's 4th strategic plan at the PAS meeting in Washington DC.

Thank you for all you do for our society. Please don't hesitate to reach out to me at [**jodi.smith@seattlechildrens.org**](mailto:jodi.smith@seattlechildrens.org) with any questions or concerns.

Jodi



Jodi Smith, MD, President



Michael Somers, MD, Past President



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Marva Moxey-Mims, MD, Councilor



Priya Verghese, MD, MPH, Councilor

ASPEN Leadership

OFFICERS

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Seattle Children's Hospital

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Boston Children's Hospital

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Johns Hopkins University School of Medicine

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Annabelle Chua, MD (2024)
Duke University Health System

Vikas Dharnidharka, MD (2024)
Washington University School of Medicine

Lyndsay Harshman, MD (2026)
The University of Iowa

Marva Moxey-Mims, MD (2026)
Children's National Hospital

Priya Verghese, MD, MPH (2024)
*Northwestern University,
Feinberg School of Medicine*

Washington Representative

Erika Miller, JD
Cavarocchi Ruscio Dennis Assoc, L.L.C.

NEWSLETTER

Raja Sekhar Dandamudi, MD
*Washington University School of
Medicine in St. Louis*

Radha Gajjar, MD, MSCE
Weill Cornell Medical College

Sai Sudha Mannemuddhu, MD
East Tennessee Children's Hospital

ASPN CORPORATE LIAISON BOARD



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ASPN is managed by Degnon Associates
An accredited professional association management company

COMMITTEE UPDATES

[Click here](#) to learn more about ASPN committees and their membership!

Training Program Directors Committee

Pediatric Nephrology Match Results (from Dec 2022 Match)

Time for our annual update Pediatric Nephrology Match report, with some interesting data to report from the 2022 Match. The number of matched applicants for the July 2023 class was a bit higher than the 33 matched applicants in Dec 2021, underscoring how consistent our disciplines matched fellows has been over the last decade, with the average number of matched applicants over the last 10 years at 33.1.

This ASPN TPD column focuses on the recent Match results for the class to begin in July 2022.

Our US NRMP Match numbers were good, not great, this year with 36 matched fellow applicants (compared to 33 matched applicants in the 2021 Match for the class that started 2022 and 51 in the 2020 Match). Since there were still many unmatched positions (31) the total number of fellows who start in July 2022 should be even higher, due to 'late-deciders'.

Pediatric Nephrology continues to do less well than most other pediatric subspecialties. While our percentage fill rate (54%) is very consistent with our rate over the last decade, this year we are in the bottom 2 of pediatric subspecialty disciplines for Match fill rate, with only Peds ID having a lower rate of fill at 49%.

Pediatric Nephrology Match Report [Dec 2021] for Class Starting 2022

- 44 of our 46 approved Pediatric Nephrology Fellowship programs participated [3 programs did not participate this year].
- 17 of 43 programs filled all positions (41%).
- There were 36 matched applicants (from a pool of 37 applicants) for 67 certified available positions. In the 2021, the Match total was 33; for 2020 the Match total was 51, with an all-time low of 21 in 2014.
- 54% of the available 60 positions were filled.

- With filling 54% of our positions this year (36/67) we were remarkably consistent with the results in 2021, when we filled 55% of our positions (33/60).
- Of the 36 matched applicants, 29 (81%) were US grads and 7 (19%) were IMGs.
- Pediatric Nephrology continues to be in the lower half of subspecialties in terms of percentage of available positions filled – with only Ped ID with lower fill rate than pediatric nephrology and 13 subspecialties with higher fill rate.

In 2022 the adult and pediatric subspecialty matches were run on the same day, for the first time. This allowed applicants to conduct couples match ranking across all pediatric and adult subspecialties, for the first time. There were 9690 applicants and 7648 applicants who matched, indicating that 82% of candidates matched for a position. For the pediatric subspecialties specifically, there were 1664 applicants, with 1532 (92%) matching.

At a later date we will be highlighting our total Fellow numbers for the 2022-2023 academic year and implications for the workforce.

We look forward to working with the ASPN in seeking fair compensation for pediatric nephrologists, which undoubtedly continues to be a significant factor in our Match challenges.

John D Mahan MD
Josh Samuels MD
Roshan P George MD



JELF Scholars Update

As we enter this New Year, we approach almost 3 years since the beginning of the pandemic. It's difficult to imagine what our lives would look like had the pandemic never existed, but one thing is certain; we as a community of pediatric nephrologists have persevered, adapted and ultimately grew stronger together. The JELF Scholars program has created a strong sense of community for its members, and we encourage and welcome all ASPN members to join us as they consider their 2023 resolutions for how to best spend their time in the coming year. Participation in advocacy is open to all and no prior experience is required! While you can certainly consider applying to the JELF Scholars 2-year mentored advocacy training program (call for applications for the next cohort opens later this Spring, see <https://www.aspneph.org/jelf-advocacy-scholars-program/> for general information on the previous application cycle), you can also get involved with no strings attached by joining the ASPN Public Policy committee (It's free! Simply indicate your interest as you renew your membership or reach out us with your interest – we are on Twitter [@AdvocacyAspn](https://twitter.com/AdvocacyAspn)). No prior advocacy experience is required. We all advocate for our patients and communities every day as part of our regular day to day jobs and you will get to interact with many supportive colleagues and ASPN staff to guide you along the way. The public policy committee holds regular monthly meetings and sends targeted emails to keep its members abreast of all the relevant developments on the Hill. It's also your gateway to participating in advocacy opportunities specific to pediatric nephrology. Over the past year, JELF Scholars and ASPN public policy committee members have met with their legislators to discuss a wide range of issues including the living donor protection act, NIH funding priorities, and the ever-changing landscape of Telehealth services. Given the pandemic, those advocacy opportunities have been conducted virtually allowing relatively easier access to the legislative staff on the Hill and presenting opportunities to “buddy up” with advocates from other organizations such as ASN, NKF, and the

AAP during targeted events including the Kidney Advocacy Community Day in the Fall and the AAP Legislative conference in the Spring. We are also excited about the gradual return to normalcy with plans to hold an in-person Hill Day in conjunction with the upcoming PAS 2023 meeting in May so stay tuned for more details on how to participate. Just remember, it takes a village! We need all the perspectives and experiences we can get from our diverse membership to advance our pediatric nephrology agenda for the benefit of the children we care for. Thank you for joining us in advocating for children with kidney disease.

ASPN WEBINARS



ASPN Webinar

Radiology Webinar

Date: Monday, February 6, 3-4pm ET

Subject: Graft Tenderness

The ASPN webinars are thriving in the zoom meetings with an average of 50+ participants per session and will continue to be offered every first Monday of the month at 3pm ET.

GREAT CARE FOR LITTLE KIDNEYS. EVERYWHERE.



Optimal care for all children with kidney disease.

Share our vision.

You are an important part of our global pediatric community.

Renew your IPNA membership.



ASPEN MEMBER OF THE MONTH

The Communications Committee is pleased to continue its Member of the Month series, where we highlight one ASPEN member each month and recognize the amazing work that they are doing to support ASPEN and the larger nephrology community.

Dr. Bakri Alzarka (January 2023)

Dr. Alzarka is an Assistant Professor of Pediatrics at the University of Maryland School of Medicine and is the medical director of the Pediatric Nephrology and Hypertension division. He completed pediatric residency at Marshall University in Huntington, WV before completing his fellowship and obtaining a Master of Health Science in clinical and translational research at Children's National Medical Center and George Washington University in Washington, D.C. His clinical research interest has been in inherited kidney diseases, particularly polycystic kidney disease.



Dr. Alzarka has been a member of the ASPEN since 2015, starting as a member of pFeNa. However, he has been an active member of the Certification Committee for the past four years and will be the rising Committee Chair this coming year. He cites the Society as being an excellent platform to meet, collaborate

and learn from others in the field of pediatric nephrology. He notes that the Society provides access to research, educational, and mentorship opportunities to those working in smaller groups, as he also looks forward to participating in the ASPEN mentorship program in the upcoming year.

Dr. Alzarka grew up in one of the oldest continuously inhabited cities in the world, Aleppo, Syria, where he also attended medical school. However, he has been living in the home of Old Bay seasoning- Baltimore, MD- for the past few years with his wife and two children (pictured above). When not spending time with his lovely family, he enjoys playing soccer, learning tennis, and becoming trilingual as he is learning Spanish.

Dr. Alzarka can be reached on Twitter [@Bakri_za](https://twitter.com/Bakri_za).

Dr. Susan Samuel (February 2023)

Dr. Samuel is a pediatric nephrologist and Canada Research Chair in Precision Medicine and Data Science in Child Health at the University of Calgary in Alberta, Canada, where she also serves as the Director of the ENRICH (Empowering Next-generation Researchers in perinatal and Child Health) Research Training Program. She received



her undergraduate and medical education from the University of British Columbia and completed all of her post-graduate training, including a Master of Science, at the University of Toronto.

Dr. Samuel has been very busy in the last year. She launched a new national training program for perinatal and child health research in Canada (ENRICH), building on the prior work and legacy of clinician scientist training programs. She also completed the Transition Navigator Trial, enrolling >330 youth to determine the effectiveness of a patient navigator intervention to improve transition to adult care in Alberta. She has a passion for creating evidence to guide clinical care, critically appraising published literature, and helping translate evidence into practice. She has a research interest in nephrotic syndrome, but clinically, she most enjoys caring for new post-transplant patients on the wards.

Dr. Samuel has been a member of ASPEN for 15 years. She has been inspired by the advocacy work of the ASPEN over the years, learning how to apply this work to advocate for children with kidney disease in Canada. She hopes to be more involved in future ASPEN initiatives, particularly around research for treating childhood kidney diseases like nephrotic syndrome.

Dr. Samuel grew up in Kerala, India but moved to Vancouver, Canada as a pre-teen. She loves orchids and grows a variety of colorful orchids in her home. She also enjoys volunteering in her free time and will be serving on the board of a men's addiction recovery organization this year – a new and different challenge from caring for children but one that she is looking forward to.

Dr. Samuel can be found on Twitter
[@drsamuelcalgary](https://twitter.com/drsamuelcalgary).



#FOAMed and #SoMe!

What's brewing!!!

Dear PedNeph nephrons,
We are delighted to bring this new free open access medical education (#FOAMed) and social media (#SoMe) section to you. This will include all the related announcements and projects. Please submit any #FOAMed projects, suggestions, and feedback to Sudha Mannemuddhu.

1. ASPN social media (#SoMe) accounts

- ✚ Twitter: [@ASPNEph](#)
- ✚ IG: [aspneph](#)
- ✚ Facebook: [aspneph](#)

2. Tweetorials

- ✚ [#ASPNEFOAM group](#) started in Oct 2020, is a group of 15+ trainees and faculty who put together a monthly tweetorial and infographics.



[ACMR](#) by [Shweta Shah](#)

Please find links to tweetorials as well as PDF documents and additional FOAMed resources on the '[#ASPNEFOAM group](#)' webpage.

We would like to hear your feedback about #ASPNEFOAM groups' educational activities. Please take this 2 - min survey
<https://www.surveymonkey.com/r/Q7RCCJJ>

3. Blogposts



'[LITTLE BEANS](#)' community delivers 'Nephron-size' concepts useful for the wards and the boards.

Latest: [Sickle Cell and Kidneys- Guilty of Not Going With the Flow](#) by [Priti Meena](#) and [Rima Zahr](#).

[Nephrectomy- when we need to say goodbye](#). By [Rachel Cason](#), [Priyadarshini John](#), and [Swasti Chaturvedi](#). Follow [@LittleBeans22](#)

- ✚ [KIReports Community](#)
- ✚ [The Renal Fellow Network](#)

- ✚ [The Nephron Power](#)
- ✚ [AJKD Blog](#)
- ✚ [PBfluids.com](#)

4. Journal Clubs



[IPNAJC](#): The official Twitter journal club of the International Pediatric Nephrology Association. [#IPNAJC](#) Twitter: [@IPNAJC](#)
Latest JC- Oct 2022: Association Between Dialysis Facility Ownership and Access to the

Waiting list and Transplant in Pediatric Patients with End-stage kidney disease in the US. [Summary Infographics](#). Previous JC can be located at [IPNAJC](#)

Pediatric Nephrology Journal Club
#IPNAJC partnering with **#NephJC**

Save the date

Jan 24, 2023: 0900PM EST/ 0800PM CST/ 0600PM PST
Jan 25, 2023: 0900PM IST/ 1030AM EST/ 0930AM CST

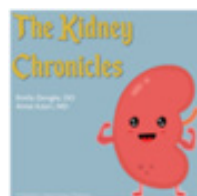
Topic: **Effects of Bardoxolone Methyl in Alport Syndrome**
PMID: 36411058

HOST: **IPNA Communications & SoMe Committee & #NephJC**



[NephJC](#) is an online medical journal club that utilizes the nephrology (and related specialties) Twitter community to generate discussion and review current literature related to nephrology. [#NephJC](#) Twitter: [@NephJC](#)

5. Nephrology Podcasts



[The Kidney Chronicles](#) by [Emily Zangla](#) is a pediatric nephrology podcast that discusses various PedNeph topics with experts. Latest: Episode 11-13 on [Hyperkalemia](#), [Sickle Cell](#)

[Nephropathy](#), and [IgA Nephropathy](#) available on [Podbean](#) and [Spotify](#)! email: doctoremilyz@gmail.com.



The Sediment – the official ASPN Podcast for PAS meeting- Season 2- Live from Denver, CO. #TheSediment #ASP22
Editor: [Sudha Garimella](#)

In case you missed it, recordings from PAS 2022 can be downloaded on [Apple](#) & [Spotify](#)



[Channel your enthusiasm](#)

The Burton Rose book Club is a podcast that discusses chapters from 'The Clinical

Physiology of acid-base and electrolyte disorders'.
Twitter: [@BookBurton](#).

Chapter 9-10 on 'Regulation of the plasma Osmolality' and 'Acid-Base physiology' [available on multiple platforms](#)



Freely filtered is a twice monthly podcast (that is aspirational, not a promise) which discusses recent NephJC journal clubs. They also discuss other big events in the world

of nephrology. **Latest:** 52-53- Kidney week draft and EMPA kidney. Twitter: [@NephJC_Podcast](#).
Available on [multiple platforms](#).



[The Nephron Segment: A](#)

Kidney Podcast is a new kidney podcast by Neph_Sim. Twitter: [@nephronsegment](#).

Latest: Episode 7: Diet and Kidney health.

See you in next KIDney notes.

Sudha Mannemuddhu, Twitter: [@drM_Sudha](#)
email: dr.saisudhamm@gmail.com

FELLOWS CORNER

Where to Submit Your Quality Improvement Projects?

In this edition of fellow's corner we are enclosing a list of peer-reviewed journals and online publications that publish quality improvement projects. This list is by no means exhaustive and please let us know if we missed any other journals.

1. The American Journal of Medical Quality

<https://ajmqonline.com/>

2. The BMJ (formerly the British Medical Journal)

<http://www.bmj.com/about-bmj>

The BMJ publishes about one article related to QI per publication.

3. BMJ Open Quality

<http://quality.bmj.com/>

4. BMJ Quality and Safety

<http://qualitysafety.bmj.com/>

BMJ Quality & Safety (previously Quality & Safety in Health Care)

5. Health Affairs

<http://www.healthaffairs.org>

6. Health Care: The Journal of Delivery Science and Innovation

<https://www.sciencedirect.com/journal/healthcare>

7. Implementation Science Communications

<https://implementationsciencecomms.biomedcentral.com/>

8. The International Journal for Quality in Health Care

http://www.oxfordjournals.org/our_journals/intqhc/about.html

9. The Joint Commission Journal on Quality and Patient Safety

<https://www.jointcommissionjournal.com>

10. Journal for Healthcare Quality

<https://journals.lww.com/jhqonline/pages/default.aspx>

11. The Journal of Clinical Outcomes Management

<https://www.mdedge.com/jcomjournal>

12. Journal of Graduate Medical Education

<http://www.jgme.org/>

13. The Journal of Healthcare Risk Management

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)2040-0861/](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2040-0861/)

14. NEJM Catalyst Innovations in Care Delivery

<https://catalyst.nejm.org/>

15. Patient Safety and Quality Healthcare

http://www.psqh.com/pdfs/psqh_author_guidelines_2014.pdf

16. Quality Management in Health Care

<https://journals.lww.com/qmhcjournal/pages/default.aspx>

ARE YOU A CANVA WHIZ?

**ARE YOU A CANVA WHIZ?
DO YOU SCROLL INSTAGRAM HOURLY?**

**JOIN OUR @ASPNEPH
INSTAGRAM TEAM**



We are looking for new members who will help us increase our engagement and post more regularly.

REACH OUT TO:

**ASHLEY RAWSON AT ASHLEY1027@GMAIL.COM OR
LELA VILLEGAS LEONELA.VILLEGAS@GMAIL.COM**

ASPN AWARDS

ASPN New Awards

ASPN has developed three new awards this year to recognize more of our outstanding members doing great work for the Society and Pediatric Nephrology. We hope you'll take time to nominate either yourself or your deserving colleagues!

Awards:

- ASPN Outstanding Service Award
- ASPN Equity, Social Justice, and Advocacy Award
- ASPN Mid-Career Award

Eligibility Criteria:

- Active member of ASPN for at least the past 5 years
- History of service to ASPN
- Current ASPN Council members are not eligible
- Prior Founders Award awardees are not eligible

Process:

To nominate a candidate, submit one letter of nomination and the nominee's curriculum vitae using [this link](#). Self-nominations are encouraged. In the letter of nomination please describe the candidate's involvement in ASPN and other relevant information on why they are deserving of the honor.

Nominations for 2023 awards are due January 31, 2023. The recipients will be selected by the ASPN Awards Committee. Announcement of the award winners will be made at the PAS/ASPN Annual Meeting and winners will receive a plaque and an honorarium.

Questions: Please contact ASPN's Central Office at info@aspneph.org.

PAS Annual Meeting 2023 Financial Support for Residents and Fellows

Trainee Research Awards

Please encourage your pediatric residents and pediatric nephrology fellows to attend our annual meeting.

- Two prestigious trainee research awards will be presented during the 2023 Annual Meeting in Washington, DC (April 28 – May 1, 2023).
- Pediatric residents are eligible for free registration and travel support.
- Pediatric nephrology fellows who are first author on an accepted abstract receive free registration and a stipend.

If you have any questions, contact the ASPN Office by email to info@aspneph.org.

Trainee Research Award

Two ASPN Trainee Research Awards are presented at the annual meeting of ASPN at PAS. Medical students, residents, and pediatric nephrology fellows at the time of submission are eligible. One award recognizes the best abstract on patient-oriented research and one the best basic science abstract. The awards consist of cash awards, partially paid travel expenses, and complimentary meeting registrations. Candidates for the Trainee Research Award are solicited during the Call for Abstracts.

Abstract Submission Deadline is January 4, 2023.

Resident Travel Grant Award

ASPN sponsors residents and selected other non-fellow trainees to attend the annual ASPN/PAS meeting.

Stipends to partially support travel (\$400) and complimentary registration are given on a competitive basis. Applicants must be medical students, pediatric residents, chief residents, or med-peds residents currently enrolled in an ACGME-accredited pediatric residency program. Priority is given to those trainees earlier in their education (i.e., PL-1 and PL-2). This grant is restricted to a one-time acceptance.

The request to be considered must include the following:

- Recommendation by an Active member of the ASPN who agrees to accompany the trainee to the meeting.
- Applicant's curriculum vitae.

- One page statement from the candidate describing his/her interest and possible career plans in pediatric nephrology.

It is important that all of the documents accompany your request.

Applicants must commit to attend the entire meeting if selected.

Applications must be submitted by January 31, 2023.

You may apply for this award here: <https://www.aspneph.org/aspn-pas-residenttravel-grant-award/>

Complimentary Fellow Registration and Fellow Research Presentation Award

ASPEN is covering registration and providing a \$100 honorarium for fellows presently enrolled in ACGME-approved pediatric nephrology training programs who are first author on an accepted abstract. ASPEN will reach out to these individuals after selection.

ANNOUNCEMENTS



Congratulations to **Larry Copelovitch** who was awarded the 2022 Alan R. Cohen Master Clinician Award by the Department of Pediatrics at the Children's Hospital of Philadelphia!

MEETINGS AND EVENTS

European Society for Paediatric Nephrology

ESPAN 55th ANNUAL MEETING

Vilnius, Lithuania
28 Sept – 1 Oct
2023

Countdown to ESPAN 2023

Congress Organizer
oic
meeting specialists

PAS 2023
PEDIATRIC ACADEMIC SOCIETIES MEETING
APRIL 27 - MAY 1, 2023
WASHINGTON, D.C.

POSTGRADUATE COURSE
NEONATAL ACUTE KIDNEY INJURY (AKI): FROM BASIC AND CLINICAL SCIENCE TO CARING FOR BABY (AND THEIR BEANS) IN THE CRIB
The course will cover basic, translational, and clinical science from fetal physiology to post-discharge follow-up for neonatal AKI. The speakers will aim to help foster ideas for future research, quality improvement projects, and improved care.
Chairs: Drs. Alison Kent, Meredith Schuh, Jeff Segar, and Keia Sanderson

Speakers: Drs. Danielle Soranno, Matthew Harer, Jennifer Charlton, Prasad Devarajan, Jennifer Jetton, Michelle Starr, David Selewski, David Askenazi, Cara Slagle, and Shina Menon

FRIDAY, APRIL 28, 2023 | 7:00 AM – 1:30 PM | \$175

Visit pas-meeting.org/2023-pre-conference-programs/ for more information.

LEARN MORE



CURRICULUM AGENDA

7:30—8:00	Registration and Breakfast	2:15—3:45	BREAKOUT SESSIONS
8:00—8:05	Welcome		PROVIDERS
8:05—8:50	Indication for Kidney Support Therapy for Acute Kidney Injury, Fluid Overload, and Congenital Kidney Failure		Medication during Kidney Support Therapy
8:50—9:35	Principles of Neonatal Kidney Support Therapy Part I		Nutrition during Kidney Support Therapy
9:35—9:45	BREAK		Hyperammonemia
9:45—10:30	Principles of Neonatal Kidney Support Therapy Part II		Access for Kidney Support Therapy in Infants
10:30—11:15	Principles of Neonatal Kidney Support Therapy Part III	3:45—4:00	NURSES
11:15—11:45	Caring for the Neonate on Kidney Support Therapy: The Intensivist's Perspective	4:00—4:15	Hands-on Nursing Specific Skills
11:45—1:00	LUNCH AND EXHIBITS	4:15—4:30	BREAK
1:00—1:15	Caring for the Neonate on Kidney Support Therapy: A Parent's Perspective	4:30—4:45	Educating Your Team
1:15—2:15	Hands-on for all participants	4:45	Caring for Your Program
			Concluding Remarks: Bringing It All Together
			EXHIBITS and DISMISSAL TO DINNER

REGISTER HERE

Questions? Contact Meagan Reagan at mereagan@uabmc.edu

CONTINUING EDUCATION

Children's of Alabama designates this live activity for a maximum of 10.5 *AMA PRA Category 1 Credits*.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Children's of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.



CURRICULUM AGENDA

7:30—8:15 BREAKFAST and EXHIBITS

8:15—12:00 **Hands-on Simulation**

All participants will be actively engaged in four separate simulations during this time. NICKS and Simulation Center

Faculty will be supervising and readily available to answer questions.

All simulations will include a post debriefing.

12:00 LUNCH and EXHIBITS

At the end of the course, the learner will:

1. Recognize the epidemiology of neonatal acute kidney injury and neonatal congenital kidney failure.
2. Recognize the indications and optimal timing of kidney support therapy in neonates and infants.
3. Identify the principles central to the provision of safe and effective treatment using different forms of neonatal kidney support therapy.
4. Develop strategies to optimize the kidney support program at each participant's home institution through educational, administrative, personnel, and quality improvement initiatives.

CONTINUING EDUCATION

Children's of Alabama designates this live activity for a maximum of 10.5 *AMA PRA Category 1 Credits*.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Children's of Alabama is accredited by the Medical Association of the State of Alabama to provide continuing medical education for physicians.



SESSION SPECIFIC LEARNING OBJECTIVES

Indications for Kidney Support Therapy for Acute Kidney Injury, Fluid Overload, and Congenital Kidney Failure

- ⇒ Review the epidemiology of neonatal and pediatric acute kidney injury (AKI)
- ⇒ Recognize the impact of fluid overload (FO) in critically ill neonates and children
- ⇒ Discuss the epidemiology of congenital kidney failure (CKF)
- ⇒ Outline the goals of KST for neonates and infants with AKI/FO

Principles of Neonatal Kidney Support Therapy, Part I

- ⇒ Discuss the timing of kidney support therapy for neonates and infants with AKI, FO, and CKF
- ⇒ Describe the terminology of KST
 - Clearance mode (Diffusion vs. Hemofiltration vs. Ultrafiltration)
 - Peritoneal vs. Veno-venous
 - Continuous vs. Intermittent vs. Prolonged Intermittent
- ⇒ Discuss elements of the PD prescription
- ⇒ Discuss specifics (features, pros, and cons) for different KST machines available for small children

Principles of Neonatal Kidney Support Therapy, Part II

- ⇒ Discuss access for patients who need KST
- ⇒ Review options for KST on Extracorporeal Membrane Oxygenation (ECMO)
- ⇒ Review options for priming circuits and the rationale for blood primes
- ⇒ Acquire strategies for optimizing blood prime procedures
- ⇒ Compare the options, benefits, risks, set up, complications and monitoring for different anticoagulation options

Principles of Neonatal Kidney Support Therapy, Part III

- ⇒ Discuss elements of a CVVH/CVVHD prescription (blood flow, dialysis/replacement rates, ultrafiltration rates)
- ⇒ Discuss filtration fraction
- ⇒ Discuss approaches to ultrafiltration rate prescription
- ⇒ Troubleshoot potential ultrafiltration issues and discuss plans to address these issues
- ⇒ Review hematocrit scenarios

Caring for the Neonate on Kidney Support Therapy: The Intensivist's Perspective

- ⇒ Discuss approaches to making decision to start KST in ICU
- ⇒ Discuss cardio-pulmonary disease care in neonates on KST
- ⇒ Discuss strategies to have the best collaborative practices for your KST program

Caring for the Neonate on Kidney Support Therapy: A Parent's Perspective

- ⇒ Discuss cases of end-stage kidney disease in patients who required ECMO and KST and overview of their current status
- ⇒ Consider the perspective of the parents and the responsibilities of taking care of babies on KST

Hands-on (All Participants)

- ⇒ Demonstrate features of manual PD
- ⇒ Demonstrate features of modified CVVH on Aquadex
- ⇒ Demonstrate features of CARPEDIEM
- ⇒ Review troubleshooting of extracorporeal circuits
- ⇒ Discuss initiation of KST

Medications During Kidney Support Therapy

- ⇒ Discuss importance of medication goals during KST
- ⇒ Review guidelines for nutrition feeding during KST

Nutrition During Kidney Support Therapy

- ⇒ Discuss importance of nutritional goals during KST
- ⇒ Review guidelines for nutrition feeding during KST

Hyperammonemia

- ⇒ Discuss strategies for the care of a neonate with hyperammonemia
- ⇒ Learn to mitigate potential negative consequences when performing high clearance KST

Access for KST in Infants

- ⇒ Review intravascular and PD access options for KST
- ⇒ Discuss the principles of PD and vascular access placement

Hands-on Nursing Specific Skills

- ⇒ Demonstrate setup of modified CVVH on Aquadex
- ⇒ Discuss setup of CARPEDIEM
- ⇒ Review blood prime procedures
- ⇒ Discuss options for circuit-to-circuit change
- ⇒ Discuss dealing with access alarms
- ⇒ Review recirculation procedures

Educating Your Team for KST

- ⇒ Discuss frequency, documentation, training, and certification of team members
- ⇒ Review educational training tools



SESSION SPECIFIC LEARNING OBJECTIVES

Caring for Your Program

- ⇒ Discuss the advantages and disadvantages of different types of nursing structures
- ⇒ Review roles and responsibilities for all team members for the program during KST initiation and KST maintenance
- ⇒ Discuss the importance of standardizing policies and procedures
- ⇒ Review elements of order sets
- ⇒ Discuss potential quality improvement initiatives

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Critical Care
Nephrology
In Children



REGISTER FOR EVENT

First International Conference Of Critical Care Nephrology In Children 27th - 29th July 2023

Queen Elizabeth II Conference Centre, London, UK

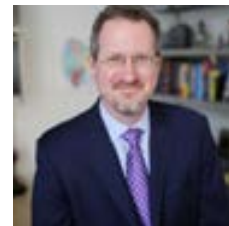


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