

American Society of
Pediatric Nephrology

ASPN ANNUAL REPORT

APRIL 2021-APRIL 2022

Mission Statement

The American Society of Pediatric Nephrology is an organization of pediatric nephrologists and affiliated health care professionals. Our primary goals are to promote optimal care for children with kidney disease through advocacy, education, and research; and to disseminate advances in clinical practice and scientific investigation.

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ASPEN Council



Jodi Smith, MD, President



Michael Somers, MD, Past President



Meredith Atkinson, MD, President-Elect



Sandra Amaral, MD, Secretary



Adam Weinstein, MD, Treasurer



Gina-Marie Barletta, MD, Councilor



Annabelle Chua, MD, Councilor



Vikas Dharnidharka, MD, Councilor



Lyndsay Harshman, MD, Councilor



Marva Moxey-Mims, MD, Councilor



Priya Verghese, MD, MPH, Councilor

ASPEN Leadership

OFFICERS

President

Jodi Smith, MD (2023)
Seattle Children's Hospital

Past President

Michael Somers, MD (2023)
Boston Children's Hospital

President Elect

Meredith Atkinson, MD (2023)
Johns Hopkins University School of Medicine

Secretary

Sandra Amaral, MD (2025)
The Children's Hospital of Philadelphia

Treasurer

Adam Weinstein, MD (2024)
Geisel School of Medicine at Dartmouth

COUNCILORS

Gina-Marie Barletta, MD (2024)
University of Arizona

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*

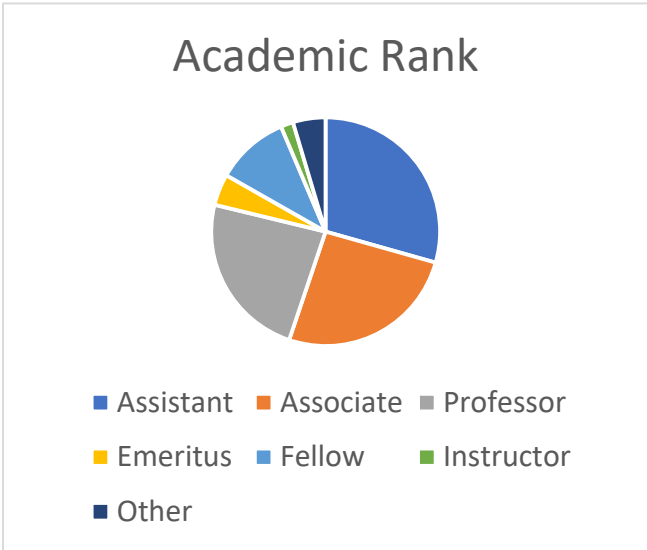
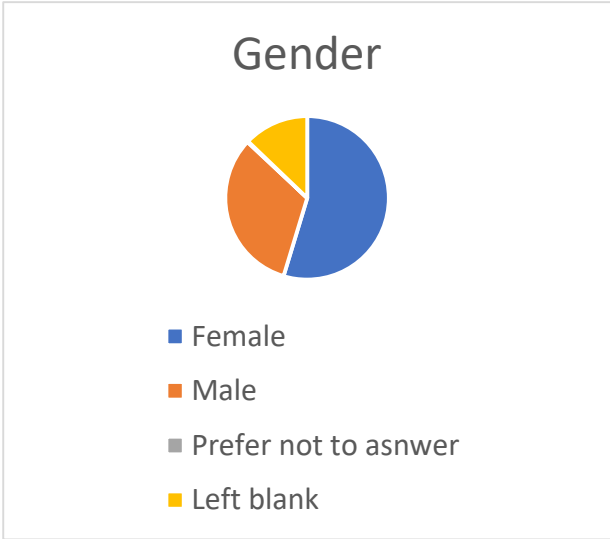
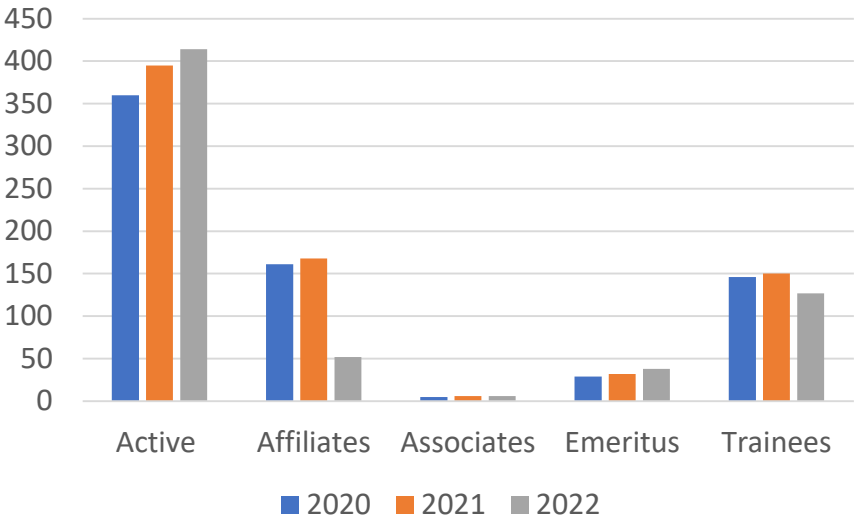
Washington Representative

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



American Society of
Pediatric Nephrology

Membership – 2021/2022



Membership - Race/Ethnicity – 2021/22	n
White	323
Asian	105
Black or African American	29
Hispanic or Latino	19
Asian White	5
Hispanic or Latino White	3
Asian Other	2
Asian Native Hawaiian or Other Pacific Islander	1
American Indian or Alaska Native Black or African American White	1
Black or African American White	1
Hispanic or Latino Asian White	1
White Other	1
White Prefer not to answer	1
Left blank	101
Prefer not to answer	41
Total	653

“Other” responses	n
Arabic	1
Arabic/Mediterranean	1
Asian Indian	1
East Indian	1
Egyptian American	1
European	1
Indian Subcontinent	1
Italian	1
Korean-American	1
Mestizo	1
Middle Eastern	4
Persian	1
South-East Asian	2
Total	17



ASPN Committees

Certification Committee



Rima Zahr
UTHSC/Le Bonheur
Children's Hospital



Keia Sanderson
UNC Chapel Hill



Bakri Alzarka
University of Maryland School of
Medicine

2021-2022 Highlights/Accomplishments

- Developed an MOC Part 4 subcommittee to develop Quality Improvement Project (QIP)
- Added member reported "How I obtained MOC Part 4" section in each issue of KIDney Notes
- Updated links to certification materials on ASPN website

Clinical Affairs Committee



Gary Lerner
CHLA



Jillian Warejko
Yale



Mini Michael
Texas Children's

2021-2022 Highlights/Accomplishments

1. Enhanced website currency and relevance with several updates, including:
 - Added practice guidelines and clinical resources to the ASPN website with special attention to Covid -19 updates
 - Added patient handouts to the website
 - Provided medical news updates
 - Added further practice support information
 - Assessed website usage and shared website updates via Twitter (with Communications Committee)
 - Shared current influential pediatric nephrology articles
2. Explored Epic initiatives to improve usability of Epic for pediatric nephrologists, and determine whether these initiatives may be transferable to other EHR platforms



Communications Committee



Stella Shin
Emory University
Children's Healthcare
of Atlanta



Sudha Garimella
University of South
Carolina School of
Medicine-Greenville
Clemson University
School of Health



S. Sudha Mannemuddhu
East Tennessee Children's
Hospital
University of Tennessee
at Knoxville

Social Media Editor: S. Sudha Mannemuddhu

Assistant Editor: Catherine Park, Ashley Rawson, Ibrahim Shatat

Podcast Editor: Sudha Garimella

2021-2022 Highlights/Accomplishments

1. Facebook and Twitter remained our two most active social media accounts, and we continued to promote our Instagram account as well.
 - a. Facebook: 10,516 followers as of June 2, 2022, up from 10,357 followers (1.3% increase) 6 months ago
 - b. Twitter: 7,272 followers as of June 2, 2022, up from 6,517 followers (11.5% increase) 6 months ago – our largest increase yet!
 - c. Instagram: 194 followers as of June 2, 2022, up from 143 followers (32% increase) 6 months ago – also our largest increase yet!
2. We continued to promote #ASPNOFOAM on behalf of the ASPN FOAM (Free Open Access Medical education) group, which is led by the Communications Committee and is comprised of 10+ trainees and early career physicians. This team writes and publishes Tweetorials monthly based on the ASPN radiology and pathology webinar topics.
3. Published the article "Insta-what? A primer on social media (#SoMe) in Nephrology" in the Nov-Dec 2021 issue of KIDney Notes to educate ASPN members on effective use of social media for academic nephrologists and how to leverage social media activity for career advancement.

4. Resumed Member of the Month in the March-April 2022 issue of KIDney Notes, with the goal to highlight a diverse group of ASPN members. We will continue to feature one member each month moving forward.
5. Successful release of 4 episodes of “The Sediment”, the official ASPN Meeting podcast, for the 2022 meeting in Denver, with an average of 180 downloads per episode (721 downloads total).
6. Promotion of pediatric topics and research at 2021 ASN conference via #ASNKids21.



Global Health Committee



Ankana Daga
Boston Children's



Erica Bjornstad
Children's of
Alabama

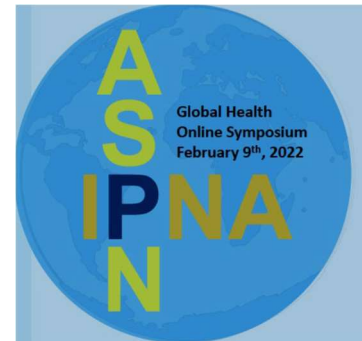


Charu Gupta
Children's National
Medical Center

2021-2022 Highlights/Accomplishments

1. 2nd annual virtual ASPN-IPNA symposium on Feb 9, 2022

- 100 participants and positive feedback obtained
- Dr Paul Farmer was the keynote speaker
- Themed around regional pediatric nephrology care: inviting clinicians who have established peds nephrology care in areas where none existed before



2. Local-global Partnership (Haiti)

- MOU signed between ASPN, IPNA, ALANEPE, and Haiti's pediatric nephrology team to setup an account for raising funds, donations of supplies
- Invited Dr. Exantus to give a talk to our Committee or at PAS to gather more support and raise awareness
- Started e-lectures for residents in Haiti (April 2022)

3. ASPN-IPNA-HVO trilateral partnership (Cambodia)

- Established plan for 10 virtual lectures to be provided by e-volunteers in 2022-23 on topics requested, with one complex case discussion.
- Platform designed/curated by HVO, which allowed recording lectures, and other resources for future use



Justice, Equity, Diversity, Inclusion Committee



Nicole Hayde
Montefiore
Medical Center



Keia Sanderson
UNC Chapel Hill



Shina Menon
Seattle Children's

2021-2022 Highlights/Accomplishments

- Initiated ASPN acknowledgement of multiple heritage months, and holidays through ASPN news blasts
- Accepted symposia entitled "Train to become a JEDI Master: Justice, Equity, Diversity, and Inclusion in Pediatric Nephrology" for PAS 2022
- Collaboration with Workforce Committee on a webinar entitled "Supporting our IMG colleagues"

1365 - Train to become a JEDI Master: Justice, Equity, Diversity, & Inclusion in Pediatric Nephrology

📅 Saturday, April 23, 2022 ⌚ 10:00 AM – 11:30 AM US MT 📍 Location: Convention Center: 702/704/706

*The Equity, Diversity, and Inclusion Committee
Recognizes
The Hindu Celebrations of
Navratri, Dussehra, and Diwali*

★ 10:00 AM – 10:20 AM US MT	Social Determinants of Health: Real Barriers to Receiving Equitable Care Speaker: Keia Sanderson, MD MSCR – University of North Carolina at Chapel Hill School of Medicine
★ 10:20 AM – 10:40 AM US MT	The impact of systemic bias and racism on CKD and transplant outcomes Speaker: Marciana Laster, MD – UCLA Mattel Childrens Hospital
★ 10:40 AM – 11:00 AM US MT	Diversity in our own backyard: The Pediatric Nephrology workforce Speaker: Nicole Hayde, MD, MS – Albert Einstein College of Medicine
★ 11:00 AM – 11:20 AM US MT	Training the next generation: How do we open the pipeline and diversify our field? Speaker: Isa F. Ashoor, MD – LSU Health Sciences Center New Orleans

Please save the date...

SUPPORTING OUR IMG PEDIATRIC NEPHROLOGY COLLEAGUES

A Panel Discussion jointly sponsored by the Workforce Committee and Diversity, Equity, and Inclusion (DEI) Committee

12-1 PM (CST), Thursday, March 24th

Register [here](#) on Zoom



Laura Shaw, JD
Law Office of Chandraker & Shaw



Nicole Hayde, MD
The Children's Hospital at Montefiore



Arwa Nada, MD
Le Bonheur Children's



Salar Hani, MD
UT Southwestern

Membership Committee



Oulimata Grossman
WVU Medicine Children's



Lieuko Nguyen
UC San Diego



Jens Goebel
Michigan State University

2021-2022 Highlights/Accomplishments

Held trainee focused events at PAS to attract the future generation of pediatric nephrologists from colleges, medical student bodies and residency programs

- Created an Advance Practice Provider Interest Group

Working with pFeNa group to increase collaboration with other pediatric nephrology Societies

Member Education Committee



Bernarda Viteri
Univ of Pennsylvania
CHOP



Roshan George
Emory University
CHOA



Kevin Barton
Washington
University

2021-2022 Highlights/Accomplishments

1. Webinar series:

- Imaging and Pathology Webinar series. Chairs: Kevin Barton (imaging) and Shina Menon (pathology). Cases accompanied by radiology/pathologist experts and content experts on every 1st Monday of the month (alternate imaging/pathology) with average 50 attendees

2. ASPN MOC Editorial Board

- Repository of ~160 high-quality, peer-reviewed questions that can be used by ASPN for educational initiatives including board review course

3. Board Review Course

- Virtual board review course was on Sept 10-12, 2021 and Oct 15-17, 2021 with attendance in the 60s for the first weekend. Attendance dropped for the second week into the 30s. Overall there were about 100 people enrolled in the course.

4. Imaging Database

- Database of biopsy and radiology images on the ASPN website for members only
- 22 pathology images and 8 radiology images uploaded so far

5. Affiliates' Meeting

- Worked collaboratively with the planners of the Annual Multidisciplinary Meeting held successfully virtual in November 18-19th 2021, with more than 25 attendees

6. ASPN Podcast Series. “The Capsule”

- Collaborating with the Communications Committee and the podcast steering committee to go live with the podcast series



Program Committee



David Selewski
MUSC



Kimberly Reidy
Montefiore Medical
Center



Michelle Denburg
Children's Hospital of
Philadelphia
University of Pennsylvania



Some program highlights from our first in-person meeting since 2019!

The H. William Schnaper Lectureship: Updates in Nephrotic Syndrome

- Rasheed Gbadegesin, Hua Sun, Debbie Gipson, Nina Mann, Moin Saleem, Eliza Blanchette

Training to become a JEDI Master: Justice, Equity, Diversity & Inclusion in Pediatric Nephrology

- Delbert Wigfall, Patricia Seo-Mayer, Keia Sanderson, Marciana Laster, Nicole Hayde, Isa Ashoor

Potpourri of Hot Topics in Kidney Transplant

- Katherine Twombly, Elizabeth Spiwak, Margret Bock, Michael Siefert, Dechu Puliyaanda, Olga Charnaya

The Adrian Spitzer Lectureship - Novel mechanistic and therapeutic discoveries in rare diseases

- Lisa Satlin, Cynthia Silva, Matthias Wolf, Deborah Jones, Michelle Baum, Stephanie Cherqui

IgA Nephropathy and IgA Vasculitis / HSP: New Terminology and Pathophysiology, Old Treatments?

- Raoul Nelson, Ashton Chen, Rosanna Coppo, Hillarey Stone, Michelle Rheault, Andrew South

FGF23: The path you traveled and the Places You'll Go!

- Katherine Perry, Juhi Kumar, Deiter Haffner, Jyothsna Gattineni, Farzana Prewad, Michelle Denberg

TMI about TMA & complement dysregulation: clarifying updates for diagnosis and treatment

- Abbie Bauer, Bradley Dixon, Stefanie Benoit, Larry Greenbaum, Chia Wei Teoh

Workshops

Fueling our patients for success: Optimizing nutritional support for kids with kidney disease

- Cherry Mammen, Kristen Sgambat, Franca Iorember, Jennifer Jetton, Stephanie Gilley, Michelle Starr

The time is now for Neonatal Continuous Renal Replacement Therapy: A Case Based Workshop on Neonatal Continuous Renal Replacement Therapy

- Ayse Akcan Arikian, Matthew Harer, David Askenazi, Theresa Mottes, Shina Menon, Raj Munshi, Stuart Goldstein

Urine the Know: Living through a pandemic - Lessons learned from COVID19

- Lisa Robinson, Namrata Jain, Abby Basalely, Charles Varnell, Melvin Bonilla-Felix, Cal Robinson, Jill Krissberg, Alex Kula

pFeNa Committee



Salar Bani-Hani
University of Texas,
Southwestern



Wendy Hsiao
Children's Hospital of
Philadelphia

2021-2022 Highlights/Accomplishments

- Fellow representatives attended TIG and JEDI Committee meetings, ASPN Council meeting and ASPN Business Meeting
- Virtual Trivia Night at ASN Kidney week 2021, Virtual.
- Fellow/Medical student Speed dating, Breakfast, Poster Walk at PAS 2022 in Denver, Colorado.
- Pediatric Nephrology Fellows Dinner at PAS 2022 in Denver, Colorado.



Public Policy Committee



Patty Seo-Mayer
Inova Children's
Hospital



Michelle Starr
Riley Hospital for Children
Indiana University



Jesse Roach
CVS



Erika Miller
CRD Associates



Stefanie Rinehart
CRD Associates

2021-2022 Highlights/Accomplishments

1. Successful Virtual Hill Days in November 2021 and March 2022
 - 19 members participated in March 2022 and met with 25 member and committee offices
 - Our Asks:
 - Fund NIH at biomedical research inflation plus 5% in FY 2023
 - \$30 million for the Pediatric Subspecialty Loan Repayment Program in FY 2023
 - Appropriations report language:
 - Requesting information on the NIDDK KUH U2C Program

- Requesting an update from CMS on requests an update in the fiscal year 2024 Congressional Budget Justification on progress towards establishing adequate bundled payments for pediatric ESRD services
- Modernize telehealth policy

2. Dear Colleague Letter on Pediatric ESRD Modifier Sent to CMS

- Representatives Jaime Herrera Beutler (R-WA) and Earl Blumenauer (D-OR) led a Dear Colleague letter asking that CMS create a pediatric modifier for ESRD care that ASPN has been advocating for. ASPN members advocated for their Representatives to sign-on to the letter, and we were pleased to have 10 co-signors, including Representatives Eric Swalwell (D-CA), Chellie Pingree (D-ME), Linda Sanchez (D-CA), Terri Sewell (D-AL), Lucille Roybal-Allard (D-CA), Troy Balderson (R-OH), John Larson (D-CT), Suzan DelBene (D-OR), Marc Veasey (D-TX), and Don Bacon (R-NE)

Congress of the United States
Washington, DC 20510

April 19, 2022

The Honorable Chiquita Brooks-LaSure
Administrator
Center for Medicare and Medicaid Services
7500 Security Boulevard
Baltimore, MD 21244

Dear Administrator Brooks-LaSure:

We are writing to request that the Centers for Medicare & Medicaid Services (CMS) take steps to accurately reimburse pediatric end-stage renal disease (ESRD) care in the Calendar Year 2023 ESRD Prospective Payment System (PPS) proposed rule.

3. Increased regulatory engagement on issues related to pediatric nephrology:

- Comments to CMS on improving pediatric ESRD reimbursement with a pediatric modifier in response to a request for information in the CY 2022 ESRD Prospective Payment System/Quality Incentive Program proposal rule.
 - Provided comments to HHS and HRSA on transplant policies.
 - Working to ensure the new immunosuppressive drug coverage benefit meets the needs of transplanted children.
4. Working in coalition with AAP and other pediatric subspecialties, ASPN successfully advocated for funding the Pediatric Subspecialty Loan Repayment Program in FY 2022.

Research Committee



Chia-Shi Wang
Emory University
Children's Healthcare
of Atlanta



Michelle Denburg
Children's Hospital of
Philadelphia
University of
Pennsylvania



Lyndsay Harshman
University of Iowa

2021-2022 Highlights/Accomplishments

- Administration of ASPN Research Mentorship Program
 - Developed and formed 3 subcommittees with complementary objectives to advance research in pediatric nephrology: Mentorship, Education, Outreach
 - Participated in developing a mentorship needs assessment through ASPN which will be used to improve current longitudinal mentorship program within the Research Committee
 - Ongoing facilitation of active Longitudinal Mentorship Program participants
- Development of Research Career-Oriented Webinars
 - NIH Loan Repayment Program Webinar with LRP Director, Dr. Ericka Boone, June 10th, 2021
 - NIH K Series Webinar with NIDDK Deputy Director and Program Director, Dr. Tracy Rankin, August 10th, 2021
 - NIH R Series Webinar with NIDDK Program Directors, Drs. Tracy Rankin, Susan Mendley and Chris Ketchum, March 15, 2022
- MOC Part 4 QI Project of Longitudinal Research Mentorship Program
 - Renewal in progress in 2020/2021
 - Tracking data/participation quarterly at ASPN and ASN and on conference calls

- Addressing Member Engagement
 - Established quarterly meetings with smaller breakout sessions to generate new ideas and encourage active participation
 - Used social media to advertise webinars and other ASPN events and increase engagement, particularly among trainees and junior researchers

- Collaborative Efforts with ASPN Committees
 - Therapeutics Development Committee and KHI
 - Committee co-Chairs presented at committee meeting on Sept. 27, 2021 to foster collaboration between the two committees
 - Clinical trial readiness workshop, ASN Kidney Week 2021
 - Social Media and Communications Committee
 - Collaborate to increase community outreach via social media; specifically working with the Communications committee to develop a “universal” hashtag for ASN and PAS to ensure cohesive social media tracking of ASPN activities/work
 - Inviting Research Committee members to regularly contribute to ASPN Kidney Notes
 - Justice, Equity, and Diversity Committee
 - Collaborate to increase visibility of under-represented members of the pediatric nephrology research community

- Update and maintain content, archive committee materials for future co-chairs

Accomplishments:

 - Migration of archival content (funding opportunities, links to active research consortia, ancillary study opportunities, and research mentoring tools) of ASPN Research Committee from Box at University of Pittsburgh to shared OneDrive folder, currently housed at the University of Colorado.

Training Program Directors Committee



Roshan George
CHOA, Emory
University



Joshua Samuels
University of Texas,
Houston



John Mahan
Nationwide
The Ohio State University

2021-2022 Highlights/Accomplishments

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

- 45 of our 47 approved Pediatric Nephrology Fellowship programs participated [2 programs did not participate this year].
 - 18 of 43 programs filled all positions (42%).
 - There were 33 matched applicants (from a pool of 34 applicants) for 60 certified available positions. In the 2020, the Match total was 51; for 2019 the Match total was 38 with an all-time low of 21 in 2014.
 - 55% of the available 60 positions were filled.
 - With filling 55% of our positions this year (33/60) we fell back from the excellent 2020 Match outcome (when 51 of 69 positions – 74% - were filled).
 - Of the 33 matched applicants, 25 (76%) were US grads and 8 (24%) were IMGs.
- MAY/JUNE
- Pediatric Nephrology continues to be in the lower half of subspecialties in terms of percentage of available positions filled – with only Ped ID and Developmental and Behavioral Pediatrics with lower fill rate than pediatric nephrology and 11 subspecialties with higher fill rate.



- In 2021 there were 1787 applicants (an increase of 373 applicants over the 2020 number of 1414 applicants) and 1507 applicants who matched, indicating that 86% of candidates matched for a position.

NRMP 2021 Match Results – Pediatric Medical Subspecialties – For Training Starting July 2022

	Child Abuse	DBP	Ped Cardio	Ped Crit Care	Ped EM	Ped Endo	Peds GI	Peds H/O	Neonatal	Ped Hosp Med	Peds ID	Peds Neph	Peds Pulm	Peds Rheum
Programs (Cert)	24	33	62	77	60	67	65	71	102	61	59	45	51	30
Programs Filled (%)	20 (83%)	16 (49%)	59 (95%)	77 (100%)	60 (100%)	35 (52%)	58 (89%)	52 (73%)	94 (92%)	61 (100%)	24 (41%)	18 (42%)	30 (59%)	18 (60%)
Total Positions	27	48	168	208	164	110	115	176	283	96	84	60	83	39
Positions Filled (%)	23 (85%)	26 (54%)	162 (96%)	208 (100%)	164 (100%)	65 (59%)	107 (93%)	151 (86%)	275 (97%)	96 (100%)	44 (52%)	33 (55%)	61 (74%)	27 (69%)
Total Matched Applicants	22	26	162	208	164	65	107	151	275	96	44	33	61	27
Total Applicants /Positions (ratio)	22/27 (0.81)	28/48 (0.58)	175/168 (1.04)	245/208 (1.18)	242/164 (1.48)	67/110 (0.61)	120/115 (1.04)	155/176 (0.88)	306/283 (1.08)	143/96 (1.49)	46/84 (0.55)	34/60 (0.57)	61/83 (0.62)	28/39 (0.72)
US Grads (%)	21 (92%)	18 (69%)	122 (75%)	168 (81%)	137 (84%)	45 (69%)	80 (73%)	107 (75%)	203 (74%)	91 (95%)	21 (48%)	25 (76%)	40 (66%)	22 (81%)
IMG Grads (%)	2 (8%)	8 (31%)	40 (25%)	40 (19%)	27 (16%)	15 (23%)	29 (27%)	38 (25%)	72 (26%)	5 (5%)	23 (52%)	8 (24%)	21 (34%)	5 (19%)

NRMP PEDIATRIC NEPHROLOGY MATCH RESULTS 2014-2020

NRMP MATCH	2021 (%)	2020 (%)	2019 (%)	2018 (%)	2017 (%)	2016 (%)	2015 (%)	2014 (%)	2013 (%)
Matched Applicants	33	51	38	27	36	32	27	21	33
AMG	19	36	27 (70)	18 (67)	28 (78)	18 (56)	16 (59)	10 (48)	20 (61)
US Foreign	3	0	0	0	1 (3)	4 (13)	1 (4)	3 (14)	3 (9)
Osteopath	6	8	2 (6)	2 (7)	2 (6)	3 (9)	1 (4)	1 (5)	0 (0)
IMG	5	7	9 (34)	7 (26)	5 (14)	7 (22)	9 (33)	7 (33)	10 (30)
Matched Applicants	33 (97)	51 (96)	38 (97)	27 (100)	36 (92)	32 (97)	27 (96)	21 (91)	33 (89)
Unmatched Applicants	1	2	1 (3)	0	3 (8)	1 (3)	1 (4)	2 (9)	4 (11)
Positions	60	69	64	65	58	59	62	58	61
Positions matched/ Total positions	33/60 (57)	51/69 (74)	38/64 (59)	27/65 (42)	36/58 (62)	32/59 (54)	27/62 (44)	21/58 (36)	33/61 (54)

Workforce Committee



Darcy Weidemann
Children's Mercy Kansas City
UMKC



Danielle Soranno
Riley Hospital for
Children
Indiana University
School of Medicine



Arwa Nada
Le Bonheur Children's Hospital and
St. Jude Research Hospital

2021-2022 Highlights/Accomplishments

1. Support the Sustainability of Pediatric Nephrologists in the Workforce

Ongoing Workforce Summit Task Groups Work:

- Updated narrated PowerPoint for trainees
- Survey for med students/trainees on 2 vs 3 year
- Publication of two articles in Frontiers in Pediatrics Pediatric Nephrology workforce collection – fair compensation and burnout SUPERPOWER study
- Workforce Practice Webinars
- Establishment of ASPN Workforce Mentoring Program – focus on career development / coaching

2. Recruit and Engage Trainees and Promote Diversity within our Field

- Highlight recruitment efforts with trainees, including advertising ASPN Travel Grant, updated pediatric faculty for the ASN-STARS mentorship program
- Resident-Student Program at PAS
- Collaboration with JEDI on IMG Panel Discussion Series
- Collaboration with Member Ed on new Educational Scholarship & Teaching Course
- Poster on gender representation in PAS Meeting 2022

3. Characterize and Understand Trends in our Workforce

- Upcoming collaborations with AAP Section on Nephrology to repeat the AAP Workforce Survey
- Opportunity for longitudinal data collection, optional question domains

- Added many “practice setting” and questions aimed at call burden/scope of practice, in efforts to define clinical FTE for our specialty

The Pediatric Nephrology Workforce Crisis: A Call to Action

Isa Ashoor, MD^{1,*}, Darcy Weidemann, MD, MHS^{2,*}, Ewa Elenberg, MD³, Susan Halbach, MD⁴, Lyndsay Harshman, MD⁵, Alexander Kula, MD⁴, John D. Mahan, MD⁶, Arwa Nada, MD⁷, Alejandro Quiroga, MD⁸, Allison Redpath Mahon, MD⁹, Jodi Smith, MD⁴, Michael Somers, MD¹⁰, and Patrick D. Brophy, MD¹¹, on Behalf of the ASPN Workforce Summit Action Groups[†]



REVIEW
published: 10 March 2022
doi: 10.3389/fped.2022.849826

Moving the Needle Toward Fair Compensation in Pediatric Nephrology

Darcy K. Weidemann^{1,2*}, I. A. Ashoor³, D. E. Soranno⁴, R. Sheth⁵, C. Carter⁶ and P. D. Brophy⁷



ORIGINAL RESEARCH
published: 04 May 2022
doi: 10.3389/fped.2022.849370

Burnout in Pediatric Nephrology Fellows and Faculty: Lessons From the Sustainable Pediatric Nephrology Workforce Project (SUPERPOWER)

Susan M. Halbach^{1,2*}, Kartik Pillutla³, Patricia Seo-Mayer⁴, Alan Schwartz^{5,6}, Darcy Weidemann^{7,8} and John D. Mahan⁹



Interest Groups

Transplant Interest Group

Led by Sharon Bartosh – University of Wisconsin, Madison



2021-2022 Highlights/Accomplishments

- Conducted a survey of pediatric nephrology fellowship programs to examine current trends in kidney transplant-specific training. Manuscript submitted.
- Development of peds fellowship transplant curriculum
 - Curriculum completed with resource documents located on the ASPN website

Transplant Curriculum
 For a 3-year Pediatric Nephrology Fellowship Programs

THE PATIENTS

- Demographics**
Etiology & Rationale
- Candidate Eval & Transplant Prep**
Screening, vaccines, contraindications etc
- Sensitized patients**
Crossmatch, PRA, HLA, non-HLA Abs, paired donation
- UNOS & selection committee**
- Organ offers**
- Ethical considerations**
Equity, undocumented, hesitancy, finances, etc

THE MEDICATIONS

Mechanism & side effects

- Desensitization approaches**
- Induction therapy**
IL2-R ab, ATG, ALG, anti-CD52
- Maintenance therapy**
MMF, AZA, CNJ, Rapamycin, Betalcept etc
- Prophylaxis therapy**
Anti viral, PCP, candida/fungus, UTI
- Rejection therapy**
ATG, ALG, IVIG, anti-CD20 Ab, plasmapheresis

THE PROCEDURE

- Living vs. deceased donor**
- Matching considerations**
- The procedure**
Cardiac output & RBF
- Urologic considerations**
- Post op management**
- Allograft biopsy**
- Imaging**

THE POST-OP COMPLICATIONS

- Thrombosis**
Eg: nephrotic syndrome
- Surgical**
Lymphocele, Urine leak, Lymphedema, UVJ obstruction & ureteral stents
- Delayed graft function**
- T-cell or Antibody mediated rejection**
Immunology, pathology & Rx
- Recurrent disease, infections & CNI toxicity**
- Tumor risk**
- Comorbidities**
Reproductive, CVS & bone health
Metabolic syndrome

THE LONG-TERM OUTCOMES

- Graft survival**
- Adherence**
- Quality of life**
- Growth & development**
- Manage failed graft, retransplant**
- Transition to adult care**
- Role of PCP**

By Jana Sharara, BS @JanaSharara
 Sudha Mannemuddhu, MD @drM_Sudha

UNOS/ OPTN Primary kidney transplant physician requirements
 The primary pediatric transplant physician must have completed *at least one* of the 4 training or experience pathways

3-year Pediatric Nephrology Fellowship Pathway

- At least 6 months of care for pediatric KTR
- Experience at a program that does an average of 10 pediatric KT/ year
- Direct involvement in the care of 10 new & followed them for 3 mons. followed 30 new KTR for 6 mons
- Observation of at least 3 pediatric KT
- Observing at least 3 kidney procurements (at least 1 LD & 1 DD)
- Direct involvement & meeting participation in 25 potential KTR eval
- Direct involvement in ped KTR care **within** the past 2 yrs
- 4 LORs from supervising KT physician & surgeon, fellowship program's 1^o physician & TPD

1 year Pediatric Transplant Nephrology Fellowship Pathway

- Board certified or eligible in ped Neph
- Experience at a program that does an average of 10 pediatric KT/ year
- Direct involvement in the care of 10 new & followed them for 3 mons. followed 30 new KTR for 6 mons
- Observation of at least 3 pediatric KT
- Observing at least 3 kidney procurements (at least 1 LD & 1 DD)
- Direct involvement & meeting participation in 25 potential KTR eval in 4 yr
- Direct involvement in ped KTR care **within** the past 2 yrs
- 4 LORs from supervising KT physician & surgeon, fellowship training program's 1^o physician & TPD

Combined Pediatric Nephrology Training & Experience Pathway

- Board certified or eligible in ped Neph
- 2 yrs of experience during/ after fellowship
- Direct involvement in the care of 10 new & followed them for 3 mons. followed 30 new KTR for 6 mons
- Observation of at least 3 pediatric KT
- Observing at least 3 kidney procurements (at least 1 LD & 1 DD)
- Direct involvement & meeting participation in 25 potential KTR eval
- Direct involvement in ped KTR care **within** the past 2 yrs
- 4 LORs from supervising KT physician & surgeon, fellowship training program's 1^o physician & TPD (self)

Conditional approval pathway
The surgeon must be fully approvable. Approved for 2 yrs and a possible 2 yrs extension

- 2 yrs of experience during/ after fellowship
- Direct involvement in the care of 5 new & followed 15 new KTR for 6 mons
- Observing at least 3 kidney procurements (at least 1 LD & 1 DD)
- Observation of at least 3 pediatric KT
- Direct involvement in pediatric KTR care **within** the past 2 years
- 4 LORs from supervising KT physician & surgeon, fellowship training program's 1^o physician & TPD (self)

https://optn.transplant.hrsa.gov/media/2785/membership_requirements_for_pediatric_components.pdf

By Sudha Mannemuddhu, MD @drM_Sudha

- Launched Survey of Pediatric Kidney Transplant Center Primary Physicians
 - Support needs assessment
 - Institutional and departmental negotiations for support and protected time as medical director of pediatric kidney transplant
- Assisted with formulation of ASPN public comment to UNOS
 - Provided link to members to fill out survey as part of the public comment relating to weighting of children on the deceased donor transplant list
- Provided educational resource documents for pediatric nephrology colleagues Composite Allocation Score, pediatric weighting

Division Director Group (DDG)

– Led by Priya Verghese, Ann & Robert H. Lurie Children’s Hospital of Chicago

Initiated in 2020 following the COVID-19 pandemic, this is a forum for all nephrology Division Heads. Created to foster validation for shared approaches to divisional challenges, and offer a platform for better advocacy for divisional resources, the group meets quarterly.



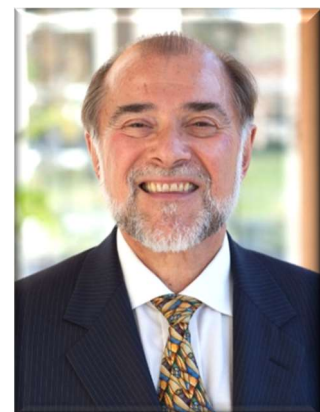
2021-2022 Highlights/Accomplishments

- Survey of pediatric nephrology division heads to examine with granularity current state of nephrology divisions across the USA & Canada completed.
- Results have been collated and presented to the Division Heads. Discussions are underway as to how Division Heads can leverage this data for equitable pay, bonus, work-life balance etc.

ASPN History Project

- Led by Rick Kaskel, Children's Hospital at Montefiore

In honor of the ASPN's 50th Anniversary, an archival history project was launched. More than 50 past ASPN leaders have been interviewed. Capturing the wealth of information and insights of these pioneers in pediatric nephrology is of the utmost importance. Since then, the project has expanded to capturing and cataloging the history of pediatric nephrology.



Advanced Practice Providers Interest Group



Tamara Hill
University of Maryland
Medical Center



Allison Tamara Hill
Cleveland Clinic Children's

Group launched with first meeting in Jan 2022

2021-2022 Highlights/Accomplishments

1. Planning for ASPN Multidisciplinary Symposium APP SIG 2022 topics and speakers: Nov 17th-18th
 - Hemolytic Uremic Strep, Albuminuria, Renal Genetics
2. Planning for ASPN APP SIG presentations:
 - Review of Imaging w/interpretation- Dr. Seth Vatsky: quarterly meeting 9/28/22
 - Renal Cysts – Dr. Katherine Dell
 - ABPM Interpretation- Jessica Edmondson
3. Website creation/presence
4. Continue Monthly Journal Club
5. Membership Recruitment
 - 60-Day free trial for membership
 - Flyer to include membership benefits
6. Accomplishments:
 - Distributed population survey to APP-SIG Listserv to identify areas of experience and meet the educational needs of the group
 - Annual list serv combined with APP-SIG Listserv: 62 participants are included in the listserv
 - Started a Monthly Journal Club: An article of interest is emailed to the Listserv monthly for discussion

9th Annual ASPN Multidisciplinary Symposium

Conference Chair



Ewa Elenberg, MD, MEd, Chair
Professor of Pediatrics
Renal Service, Texas Children's Hospital
Baylor College of Medicine, Houston, Texas

Dr. Elenberg is an Associate Professor in Pediatric Nephrology, Baylor Medical School, Texas Children's Hospital in Houston, Texas. In 2012 she graduated from the University of Houston with the degree of Master in Education. She has a special interest in cystinosis, with an extensive experience in education in cystinosis, presenting over 60 lectures on national and international level. Her dedication to this patient population earned her special recognition among doctors, patients, and their families. At Baylor College of Medicine she received two prestigious Fulbright & Jaworsky Faculty Excellence Awards, in 2011 in the category of Teaching and Education and in 2015 in the category of Educational Leadership.

Organizing Committee



Carolyn Abitbol, MD
Holtz Children's Hospital
University of Miami
Miami, FL



**Heidi Colbert, LICSW,
CCTSW, NSW-C**
Children's National Hospital
Washington, DC



Alex Constantinescu, MD
Joe DiMaggio Children's Hospital
Hollywood, FL



Tamara Hill, DNP, CPNP-AC
University of Maryland
Medical Center
Baltimore, MD



Marisa Juarez, MPH, RD, LD
Texas Children's Hospital
Houston, TX



Asha Moudgil, MD, FASN
Children's National Hospital
Washington, DC



Lisa Palm, RN
Children's Health Care of Atlanta
Atlanta, GA



Alison Schoch, CPNP
Cleveland Clinic Children's
Cleveland, OH



Courtney E. Schultz, RN
American Family Children's Hospital
Madison, WI



Kristen Sgambat RD, PhD
Children's National Hospital
Washington, DC



Bonnie Smeryage, DNP, FNP-C
Joe DiMaggio Children's Hospital
Hollywood, FL



THURSDAY, NOVEMBER 18, 2021

1:00 - 2:00 pm ET 12:00 - 1:00 pm CT 10:00 - 11:00 am PT
Kidney and Life Course
WELCOME AND OPENING KEYNOTE ADDRESS
Patrick Brophy, MD
Rochester, NY

2:00 - 3:00 pm ET 1:00 - 2:00 pm CT 11:00 - 12:00 pm PT
Talking Ethics in Pediatric Nephrology - Approaches and Perspectives
Aviva Goldberg, MD
Winnipeg, MB

3:00 - 4:00 pm ET 2:00 - 3:00 pm CT 12:00 - 1:00 pm PT
Stronger Together: A Multidisciplinary Approach to Transition of Care
Roshan P. George, MD
Atlanta, GA

4:00 - 5:00 pm ET 3:00 - 4:00 pm CT 1:00 - 2:00 pm PT
The Impact of Race in CKD
Marva Moxey-Mims, MD
Washington, DC

NURSES

1:00 - 2:00 pm ET 12:00 - 1:00 pm CT 10:00 - 11:00 am PT
Adolescents, Adherence, and Adderall, Oh My!
Bonnie Smeryage, DNP, FNP-C
Hollywood, FL

2:00 - 3:00 pm ET 1:00 - 2:00 pm CT 11:00 - 12:00 pm PT
Primary Nocturnal Enuresis: Evaluation, Management, and Patient Education
Alison Schoch, MSN
Cleveland, OH

3:00 - 4:00 pm ET 2:00 - 3:00 pm CT 12:00 - 1:00 pm PT
Examining Renal Tubular Acidosis (RTA) in the Inpatient and Outpatient Settings
Michele Mills, RN, MSN, CPNP
Ann Arbor, MI

SOCIAL WORKERS

1:00 - 2:00 pm ET 12:00 - 1:00 pm CT 10:00 - 11:00 am PT
Psychosocial Impact of Chronic Medical Conditions on Children and Their Families
Amy Walters, PhD
Boise, ID

2:00 - 3:00 pm ET 1:00 - 2:00 pm CT 11:00 - 12:00 pm PT
Communication and Motivational Interviewing 101: Working with Pediatric Patients with Renal Disease
Cortney Taylor Zimmerman, PhD
Houston, TX

3:00 - 4:00 pm ET 2:00 - 3:00 pm CT 12:00 - 1:00 pm PT
Living with Rare & Chronic Conditions: Educating Families About Mental Health
Maya Doyle, PhD
Hamden, CT

DIETITIANS

1:00 - 2:00 pm ET 12:00 - 1:00 pm CT 10:00 - 11:00 am PT
Challenges of the Renal Restrictions for Growing Teens
Laura Quenneville, RD
Ottawa, ON

2:00 - 3:00 pm ET 1:00 - 2:00 pm CT 11:00 - 12:00 pm PT
Supporting a Healthy Gut Microbiome in Pediatric Nephrology
Jenni Carvalho-Salemi, MPH, RDN, CSP, LD, CNSC
Tampa, FL

3:00 - 4:00 pm ET 2:00 - 3:00 pm CT 12:00 - 1:00 pm PT
Nutrition in Nephrolithiasis
Mendeth Miller, RD, CSP, LD
Parma, OH

ASPEN Board Review Course 2021

The virtual board review course was on Sept 10-12 and Oct 15-17, 2021 for 4.5 hours each day. There were about 100 people enrolled in the course. There were additional 4 virtual review sessions, held once a month November 2021-February 2022 for 1 hour on high yield topics: e.g., acid base, fluid and electrolytes that concluded with quizzorama. After feedback the Board Review Course planning team, led by Christine Sethna, and including Lenny Feld, John Mahan, Susan Massengill, Jordan Symons, and Adam Weinstein, is planning on **maintaining the format of the course to virtual** going forward. Participants shared they felt the content was delivered effectively in this format and it added flexibility to attend live when possible for all or parts of it. To enhance the virtual format the team proposes asynchronous recorded lectures of the topics available ahead of the course. Then during the live sessions, there will be a more of a question/case-based format with targeted application of the salient points. The attendees seem to like the question-and-answer sessions the best. Attendees will continue to have access to all the recorded lectures (covering the same amount of content as previous courses), PDFs of PowerPoint slides, content specification summaries, and over 500 board review questions for two years.



Christine Sethna
Cohen Children's
Medical Center

American Society of Pediatric Nephrology Pediatric Nephrology Board Review and Refresher Course

ASPN Leadership Development Program

Steering Committee – John Mahan, Joseph Flynn, Barbara Fivush, Davis Hains, Marva Moxey-Mims, Victoria Norwood

Leaders of professional societies such as the ASPN need specific skills to be able to negotiate the complex tasks of program development, personnel supervision, and dealing with outside constituencies and other organizations. These skills are also applicable to many other aspects of academic medicine and are commonly acquired after years of experience, perhaps also by specific training, and/or through trial and error. We believe that it is possible to intentionally develop future leaders of our Society by offering formal leadership development activities. This program not only assists the ASPN in development of future leaders, but will also provide participants important skills they will be able to utilize at their home institutions.

6th LDP Cohort – Class of 2023

Chia-Shi Wang, Rima Zahr, Daniel Ranch, Melissa Meyers, Michelle Starr, Keia Sanderson, Judith Van Sickle, Franca Iorember, Ankana Daga, Keri Drake, Marciana Laster, Pamela Singer, Sandeep Riar, Erica Winnicki, Andrew South



JELF Advocacy Scholars Program

Purpose – To develop a pipeline for the next generation of leaders in pediatric nephrology with specific expertise in governmental and regulatory processes affecting children’s health care and advocacy for pediatric nephrology, and to educate future leaders in the conduct and application of advocacy. To achieve this mission, we currently offer a two-year immersive experience for leadership and advocacy skills development.

Program Activities:

- Participation in the 3-day *American Academy of Pediatrics Legislative Conference, April 2022*
- Participation in ASPN and/or ASN Kidney Community Capitol Hill Day
- Participation in ASPN NIH visit to meet with various funding agencies that pertain to the ASPN
- Participation in ASPN’s Public Policy Committee
- Mentored experience with our Washington representative and “senior” members of the Society with expertise in the area to:
- Various curricular activities to be carried out in the home environment with expectations of monthly calls/assignments.
- Participate in reporting our experience and manuscript authorship.

Current JELF Scholars – Isa Ashoor, Anne Dawson, Carlos Becerril Romero, Hostensia Beng-Ongey, Lieuko Nguyen

2021-2022 Virtual Educational Events

Standing Webinars

- Pathology every 2 months
- Imaging every 2 months

Committee Sponsored Webinars

- Medical Education FOAMed 1/22
- Complement, TMA, & aHUS: What's all the Fuss? 3/23
- The Art of Manuscript Writing 5/22
- Supporting our IMG Colleagues 3/22
- Research – NIH Loan repayment -6/21, K awards -8/21, R awards - 3/22
- Global Health – ASPN/IPNA Online Symposium – 2/22



Education - #FOAMed and #SoME

ASPEN social media (#SoMe) accounts

Twitter: [@ASPENeph](https://twitter.com/ASPENeph)

IG: [aspneph](https://www.instagram.com/aspneph)

Facebook: [aspneph](https://www.facebook.com/aspneph)

Tweetorials

The ASPEN Free Open-access Medical Education group (#ASPENFOAM) was formed in Oct 2020. It is an online collective of international pediatric nephrology trainees and faculty creating free, open-access medical education (FOAMed) materials monthly as tweetorials and infographics.

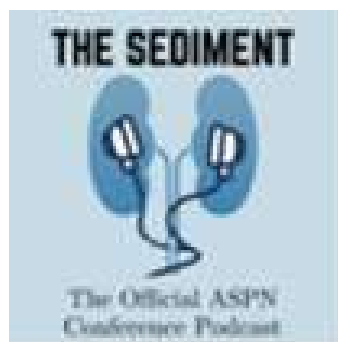


Roshan George
CHOA
Emory University



S. Sudha Mannemuddhu
East Tennessee Children's
Hospital
University of Tennessee
at Knoxville

Nephrology Podcasts



The Sediment – the official ASPEN Podcast for the PAS meeting –
Season 2 – Live from Denver, CO.

Recordings available on Apple and Spotify!



Editor: Sudha Garimella
University of South Carolina
School of Medicine-
Greenville Clemson
University School of Health

Kidney Notes



KIDney Notes

The ASPN Newsletter

KIDney Notes is the bi-monthly newsletter that highlights the tremendous work being done by our ASPN Committee and Colleagues. Huge thanks to **Roshan George** who served as the Editor since 2017!! In March 2022, she passed the torch to a new editorial team which includes:

Editor in Chief

Radha Gajjar

ang9194@med.cornell.edu

@DrRadhaG

Associate Editor

Sudha Mannemuddhu

dr.saisudhamm@gmail.com

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Section Editor

Raja Dandamudi

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American Society of
Pediatric Nephrology

Awards



Founders' Award - In 1996, the American Society of Pediatric Nephrology (ASPN) began bestowing a Founders' Award at the annual ASPN meeting. The purpose of this award is to recognize individuals who have made a unique and lasting contribution to the field of pediatric nephrology. Nominations are received from the membership.

2021 Founders' Awardee – Sharon Andreoli

2020 Founders' Awardee – Joseph Flynn

ASPN Trainee Research Awards

Clinical Science Awardee – Zachary Newton, Johns Hopkins University

Basic Science Awardee – Estefania Rodriguez Ballestas, Icahn School of Medicine at Mount Sinai

AAP Barnett Award - The Henry L. Barnett Award recognizes a pediatric nephrologist for outstanding teaching and clinical care for children with kidney disease.

2021 Barnett Awardee – Eileen Brewer

ASPEN Corporate Liaison Board

- Established in 2008 to provide partnership between ASPEN and industry partners with potential overlapping interest in the pediatric nephrology community
- The CLB has supported a variety of educational programming to our members:

CLB Sponsored Webinars 2021-2022

- Evaluation & Perspective of HF20 Filter Set for CRRT in Low Body Weight Pts – Baxter - 5/21
- Diagnosis and Treatment of Primary Hyperoxaluria 1 (PH1) - A rare monogenic kidney stone disease – Alnylam - 5/21
- Managing Surveillance for Pediatric Kidney Transplant Recipients Webinar – CareDx - 6/21
- Diagnosing Atypical Hemolytic Uremic Syndrome – Alexion- 7/21
- Managing Ocular Manifestations of Nephrotic Cystinosis: Visualizing the Problem – Recordati - 7/21
- Changing the Landscape of Genetic Testing for Kidney Disease – Natera -10/21
- Kidney Disease in the Genomic Era – Natera - 2/22
- Recognition/Evaluation of Monogenic Kidney Disease Associated with Nephrolithiasis – Alnylam - 5/22



ASPN Foundation

Board Members

Chair – Bruder Stapleton

Sharon Bartosh, Eileen Brewer, Ron Frankel, Larry Greenbaum, Rick Kaskel, Marva Moxey-Mims, Vicky Norwood, Michelle Rheault, Doug Silverstein, Michael Somers



2021/2022 Highlights/Accomplishments

1. Trainee support

- 18 Trainee Travel grants to PAS Denver
- 24 Presentation Awards

2. Two named lectures at PAS/ASPN Meeting in honor of H William Schnaper and Adrian Spitzer

3. Samuels Family Foundation Matching Gift

4. Two New Named Travel Grants

5. Held First ASPN Foundation Virtual Retreat

6. First Bequest – Adrian Spitzer, MD

7. Financial Independence from ASPN



American Society of
Pediatric Nephrology
FOUNDATION