



Cohen Children's Medical Center
Northwell HealthSM

Research Internship Program

Summer, 2025

Cohen Children's Medical Center
New Hyde Park, New York



DONALD AND BARBARA
ZUCKER SCHOOL *of* MEDICINE
AT HOFSTRA/NORTHWELL

Cohen Children's Medical Center:

[Steven and Alexandra Cohen Children's Medical Center of New York](#) is dedicated to providing the highest levels of care in meeting the special needs of children, from premature babies to adolescents. The specialists in its national and international programs cover a range of specialties. Its 202-bed hospital opened in 1983 as the New York metropolitan area's only hospital designed exclusively for children. Today, it is the largest provider of pediatric health services in New York State. Cohen Children's Medical Center serves 1.8 million children in Brooklyn, Queens, Nassau, and Suffolk counties – providing state-of-the-art care for children's medical, surgical, psychiatric and dental needs in both inpatient and outpatient settings.////

Northwell Health:

[Northwell Health](#) is a not-for-profit healthcare network that includes 23 hospitals, the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, the Feinstein Institute for Medical Research, as well as rehabilitation and skilled nursing facilities, a home care network, a hospice network and progressive care centers offering a range of outpatient services. Northwell Health has more than 12,000 credentialed physicians, including around 5,400 employed doctors and nearly 4,500 members of Northwell Health Physician Partners. Northwell Health Physician Partners is the largest medical group in the New York metro area, with physicians in over 100 specialties. Their physicians work in more than 790 ambulatory care locations and 21 hospitals.

Research Internships – Summer, 2025

Pediatric Sub-specialty Area	# of Positions	Time Commitment	Application Deadline	Page Number
Developmental & Behavioral Pediatrics	3 – 5 (Housing stipend available)	8 - 12 weeks	3/2/25	4
	Application: https://forms.gle/DR76LNfaFD85CpaU9			
Neurology	1 – 2	6 - 8 weeks	3/2/25	35
	Application: https://forms.gle/o1oWXXKy6jN26DPnL9			
Nephrology	1	≥12 weeks	2/16/25	37
	Application: https://docs.google.com/forms/d/e/1FAIpQLSdHAo5prha4ZSYf7STMGdHO2hz3AFqeityt5bonE_egB0lviA/viewform?usp=sharing			
Pulmonology & Cystic Fibrosis	1 – 2	8 weeks	3/2/25	44
	Application: https://forms.gle/KAtujfGkTST9GzWd9			
Cardiology	1 - 2	8 – 10 weeks	3/2/25	48
	Application: https://forms.gle/yMXwgDFpxA5AxFyo6			
Emergency Medicine	1	6 – 8 weeks	3/2/25	51
	Application: https://forms.gle/DVjZz4spNebiRLW89			
Genetics & Genomics	1 - 2	6 – 10 weeks	3/2/25	54
	Application: https://forms.gle/pm2DYtNH8WRDTuZp9			
Anesthesia	1	6 – 10 weeks	3/2/25	57
	Application: https://forms.gle/y4wg4VJgtLVCVAHZA			
Otolaryngology (ENT)	1	6 – 10 weeks	3/2/25	60
	Application: https://forms.gle/XDNUDJHxtMbQZZyc9			

**If you receive an error message regarding data loss prevention on the application (Google Form), try accessing it through a non-school Gmail. If you encounter further problems, please e-mail: gliberatore@northwell.edu or mlowance@northwell.edu

2025 Summer Research Internship
Division of Developmental Pediatrics

2025 Summer Clinical Research Internship in Developmental & Behavioral Pediatrics

Description: An 8-12 week internship program in clinical research related to developmental and behavioral disorders in children and adolescents is offered by Cohen Children's Medical Center of New York – the flagship children's hospital of the Northwell Health System.

The Summer Research Internship offers 3 - 5 accomplished students the opportunity to work closely with a faculty mentor on one or more research projects related to normal or abnormal child development. Students will assist the faculty member in an ongoing research project and/or work collaboratively with the mentor in designing a new project of mutual interest. Although the internship is primarily focused on clinical research, there may be an opportunity for one or more summer interns to co-author a review article for publication in a peer-reviewed pediatric journal. (See details below.)

While participating in the program, interns will be expected to attend some introductory clinical lectures about child development and developmental disorders. Research interns will also be encouraged to attend other lectures of interest available through the Department of Pediatrics at the Children's Hospital. There will also be opportunities for occasional shadowing of clinicians in our sub-specialty area and potentially other pediatric sub-specialties as well.

The internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record, an interest in child psychology, child neurology, child psychiatry, or developmental pediatrics, and aspires to attend a doctoral program in medicine.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on one or more research abstracts submitted to national research meetings. Students who are able to successfully write a manuscript for journal submission of their research findings will be identified as the first or second author of any paper submitted for publication.

Review Article: There may be an opportunity for a well-qualified student to collaborate on a review article for a peer-reviewed medical journal. To the extent that the specific focus of this review article has not yet been determined, suggestions by intern applicants are welcome. The article needs to be clinically focused and related to a specific developmental disorder or concern. A student with strong academic credentials and equally strong writing skills may be given the opportunity to write the first draft of this article and thus be identified as first author of this review article. The manuscript will need to be completed by August 20th.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time 8 week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take up to one week off in the middle of their internship as needed.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 70-80% of one's time, interns often welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures: 5 - 10% of time
 - Attend lectures related to developmental & behavioral problems in children (typically 2 / week)
 - Prepare and present 1-2 talks to Division's professional staff
- ▶ Clinical Observation: 5 - 10% of time
 - Shadow one or more developmental pediatricians for new and follow-up patients.
 - Opportunities exist for research interns to shadow other pediatric specialists (e.g., pediatric cardiology, endocrinology) as well. This would be arranged on weekdays when the intern is not working in the Division of Developmental & Behavioral Pediatrics.
- ▶ Miscellaneous: 5 - 10% of time
 - Assist with special projects and general office support

Stipend: This is an unpaid internship; however, a housing stipend (\$300/week) will be provided at the end of the summer to interns who do not live in the immediate metro area, incur rent expenses, and do not receive any financial support or stipend from their undergraduate program or other sources for their summer internship experience.

To Apply: You must submit a completed application through the form [linked here](https://forms.gle/DR76LNfaFD85CpaU9) (<https://forms.gle/DR76LNfaFD85CpaU9>); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will be invited to interview by Zoom on a rolling basis in February and early March. Notification of decisions will be made shortly thereafter.

Additional Information:

- **Research Topics:** To give you a sense for the breadth, scope and volume of research topics that we have pursued in recent years, we have provided a list of recent publications by Drs. Ruth Milanaik and Andrew Adesman – the primary mentors for research interns. To view a more comprehensive list of publications as well as presentations at select national meetings, you can search Google Scholar (www.Scholar.Google.com), or follow these links:
 - [Ruth Milanaik, MD](#)
 - [Andrew Adesman, MD](#)
- **Testimonials:** Each January, we ask our most recent summer interns to provide us with feedback about their research experience. You can read the unedited comments from recent summer research interns below as well.

For Further Information: The research internship is coordinated by Dr. Andrew Adesman, Chief of the Division of Developmental & Behavioral Pediatrics. Questions regarding the Summer internship or the application process may be directed to one of the program's current Gap Year interns, Grace Liberatore (GLiberatore@northwell.edu) or Julian Franco (JFrancoJr@northwell.edu).

Recent Publications by Ruth Milanaik, DO

(all publications have one or more recent interns as a co-author)

Super Nicotine Pouches: The Need for Intervention. Chow, N., Barile, J. G., & Milanaik, R. (2024). *Pediatrics*, 154(1).

Caring for screenagers (Part 1): a pediatrician's primer on popular social media platforms. Cason, G., Margolis, A., Barile, J., & Milanaik, R. L. (2024). *Current Opinion in Pediatrics*, 36(3), 315–324.

Caring for screenagers (part 2): a pediatrician's primer on popular games and educational tools. Margolis, A., Barile, J., Cason, G., & Milanaik, R. (2024). *Current Opinion in Pediatrics*, 36(3), 325–330.

Further Reflections on the Use of Large Language Models in Pediatrics-Reply. Barile, J., & Milanaik, R. (2024). *JAMA Pediatrics*, 178(6), 629–630.

Reply. Kim, R., Barile, J., & Milanaik, R. (2024). *Journal of Developmental and Behavioral Pediatrics*, 45(3).

Diagnostic Accuracy of a Large Language Model in Pediatric Case Studies. Barile, J., Margolis, A., Cason, G., Kim, R., Kalash, S., Tchaconas, A., & Milanaik, R. (2024). *JAMA Pediatrics*, 178(3), 313–315.

Minors and Online Marijuana Accessibility - Navigating the Digital Backdoors - Reply. Sanguuolo, K., Terala, A., & Milanaik, R. (2024) *JAMA Pediatrics*, 178(3), 317.

ADHD Diagnosis in Children of Non-US-Born Parents: A Cross-Sectional Analysis. Pham, D., Lin, A., Rosenthal, H., & Milanaik, R. (2024). *Journal of Attention Disorders*, 28(1), 3-13.

Challenging the Chatbot: An Assessment of ChatGPT's Diagnoses and Recommendations for DBP Case Studies. Kim, R., Margolis, A., Barile, J., Han, K., Kalash, S., Papaioannou, H., Krevskaya A., & Milanaik, R. (2024) *Journal of Developmental and Behavioral Pediatrics*, 45(1).

New Horizons for Digital Youth: Augmented Reality and the Gamification of Elementary Secondary Education. Barile, J., Sanguuolo, K., Krishna, S., Wang, X., O'Connor, M., Goldman, C., Goldman, A., Milanaik, R. (2024) In: Geroimenko, V. (eds) *Augmented Reality Games II*. Springer, Cham.

Rising Threats of AI-Driven Child Sexual Abuse Material. Krishna, S., Dubrosa, F., & Milanaik, R. (2024) *Pediatrics*, 153(2).

The Prematurity Paradox: Reevaluating the Kindergarten Readiness of Former Preterm Infants. Barile, J., Han K., & Milanaik, R. (2024). *Pediatrics*, 153(2).

Quick Nic: Novel Smokeless Nicotine Products and Pediatric Trends. Dubrosa, F., Sangiuolo, K., Franco Jr, J., & Milanaik, R. L. (2023). *Current Opinion in Pediatrics*, 10-1097.

ADHD Diagnosis in Children of Non-US-Born Parents: A Cross-Sectional Analysis. Pham, D., Lin, A., Rosenthal, H., & Milanaik, R. (2023). *Journal of Attention Disorders*.

Access to Marijuana by Minors Via Online Dispensaries. Terala, A., Sangiuolo, K., & Milanaik, R. L. (2023). *JAMA pediatrics*, 177(12), 1356-1358.

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The Prematurity Paradox: Reevaluating the Kindergarten Readiness of Former Preterm Infants. Barile, J. G., Han, K., & Milanaik, R.. *Pediatrics*, e2023063801. (2024)

Quick nic: novel smokeless nicotine products and pediatric trends. Dubrosa, F., Sangiuolo, K., Franco Jr, J., & Milanaik, R. L., *Current Opinion in Pediatrics*, 2023:10-1097.

Rising threats of AI-driven child sexual abuse material. Krishna, S., Dubrosa, F., & Milanaik, R. *Pediatrics*, 2024. e2023063954.

Minors and Online Marijuana Accessibility—Navigating the Digital Backdoors—Reply. Sangiuolo, K., Terala, A., & Milanaik, R. *JAMA Pediatrics*. 2024

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Edible marijuana products and potential risks for pediatric populations. *Current opinion in pediatrics*, Lin, A., O'Connor, M., Behnam, R., Hatef, C., & Milanaik, R. 34(3), 279-287; 2022

Puff bars: a dangerous trend in adolescent disposable e-cigarette use. Rosenthal, H., Chow, N., Mehta, S., Pham, D., & Milanaik, R. *Current Opinion in Pediatrics*, 34(3), 288-294; 2022

The gut microbiome: an overview of current trends and risks for paediatric populations. Sangiuolo, K., Cheng, E., Terala, A., Dubrosa, F., & Milanaik, R. L. *Current Opinion in Pediatrics*, 34(6), 634-642; 2022.

Pediatric strength training: benefits, concerns, and current trends. *Current Opinion in Pediatrics*, Wang, X., Dubrosa, F., O'Connor, M., Sangiuolo, K., & Milanaik, R. L. 34(6), 625-633; 2022.

Youth and Augmented Reality. In Springer Handbook of Augmented Reality (pp. 709-741). Kriegel, E. R., Lazarevic, B., Feifer, D. S., Athanasian, C. E., Chow, N., Sklar, J. P., ... & Milanaik, R. L. Cham: Springer International Publishing; 2023

Birth Order and Up-to-Date Vaccination Status. Lin, A., Pham, D., Rosenthal, H., & Milanaik, R. Pediatrics, 150(4); 2022.

Paediatric cardiologist adherence to American Heart Association neurodevelopmental recommendations for CHD patients. Sidhu, S. K., McLaughlin, L. J., Pham, T. B., Lazarevic, B., Kriegel, E. R., Rosenthal, H. E., ... & Milanaik, R. L. Cardiology in the Young, 1-7; 2022.

Pediatricians' knowledge, attitudes and practices surrounding menstruation and feminine products. Singer, M. R., Sood, N., Rapoport, E., Gim, H., Adesman, A., & Milanaik, R. International Journal of Adolescent Medicine and Health, 34(3); 2022.

The Lack of Helmets in Olympic Skateboarding—Skating into Dangerous Territory. M O'Connor, S Mehta, R Milanaik. JAMA Pediatrics. 2021

Electronic Vapor Product Use and Sexual Risk Behaviors in US Adolescents. DC Rigsby, SA Keim, R Milanaik, A Adesman. Pediatrics 147 (6). 2021

Alternative diets among adolescents: facts or fads? CE Athanasian, B Lazarevic, ER Kriegel, RL Milanaik. Current Opinion in Pediatrics 33 (2), 252-259

TikTok, Tide Pods and Tiger King: health implications of trends taking over pediatric populations; ER Kriegel, B Lazarevic, CE Athanasian, RL Milanaik. Current Opinion in Pediatrics 33 (1), 170-177; 2021

Pediatricians' knowledge, attitudes and practices surrounding menstruation and feminine products; MR Singer, N Sood, E Rapoport, H Gim, A Adesman, R Milanaik. International Journal of Adolescent Medicine and Health. 2020

Prevalence and longevity of PTSD symptoms among parents of NICU infants analyzed across gestational age categories; R Schechter, T Pham, A Hua, R Spinazzola, J Sonnenklar, D Li, ... Clinical Pediatrics 59 (2), 163-169; 2020.

The cannabidiol conundrum: potential benefits and risks of cannabidiol products for children L Singer, H Tokish, F Park, C Campisi, RL Milanaik; Current Opinion in Pediatrics 32 (1), 198-205; 2020.

Digital sextortion: Internet predators and pediatric interventions; S Hong, N Lu, D Wu, DE Jimenez, RL Milanaik. Current Opinion in Pediatrics 32 (1), 192-197. 2020.

Augmented Reality in Medical Education and Training: From Physicians to Patients. CA Campisi, EH Li, DE Jimenez, RL Milanaik; Augmented Reality in Education, 111-138; 2020.

The Internet's Effect on Parental Trust in Pediatrician Diagnosis of Autism and Likelihood of Seeking a Second Opinion; T Pham, A Kuznetsova, H Gim, K Cordrey, R Milanaik. Journal of Autism and Developmental Disorders, 49 (10), 4355-4362; 2019.

Are Baby Walker Warnings Coming Too Late?: Recommendations and Rationale for Anticipatory Guidance at Earlier Well-Child Visits; R Schechter, P Das, R Milanaik. Global Pediatric Health, 2019.

Examining US pediatric residents' oral health care knowledge, training, practices and perceptions. P Das, MR Singer, H Gim, N Awadalla, R Milanaik. Medical Research Archives 7 (8), 2019.

Paging Dr. Google: The effect of online health information on trust in pediatricians' diagnoses. N Sood, DE Jimenez, TB Pham, K Cordrey, N Awadalla, R Milanaik; Clinical Pediatrics 58 (8), 889-896; 2019.

New age technology and social media: adolescent psychosocial implications and the need for protective measures. J Shah, P Das, N Muthiah, R Milanaik. Current Opinion in pediatrics 31 (1), 148-156; 2019

Dangers of machine translation: The need for professionally translated anticipatory guidance resources for limited English proficiency caregivers. P Das, A Kuznetsova, M Zhu, R Milanaik Clinical Pediatrics 58 (2), 247-249; 2019.

Food Consumption in Popular Children's TV Shows and Food Choice Awareness of Pediatric Viewers. R Milanaik, P Das, J Shah, K Fruitman, J Goldman, N Sood. Clinics in Pediatrics 2 (1) 2019.

Health implications of augmented reality games on children and adolescents. DE Jimenez, J Shah, P Das, RL Milanaik. Augmented Reality Games I, 149-176; 2019.

Age restriction warning label efficacy and high school student consumption of highly caffeinated products. J Goldman, TB Pham, R Milanaik. Preventive Medicine Reports 11, 262-266; 2018.

Variation in neonate swaddling techniques. L Fletcher, T Pham, S Bar, D Li, R Spinazzola, H Papaioannou, ...; Advances in Neonatal Care 18 (4), 302-306

Fidget spinners: Purported benefits, adverse effects and accepted alternatives. RA Schechter, J Shah, K Fruitman, RL Milanaik. Current Opinion in Pediatrics 29 (5), 616-618; 2017

Household diversion of prescription stimulants: medication misuse by parents of children with attention-deficit/hyperactivity disorder. T Pham, R Milanaik, A Kaplan, H Papaioannou, A Adesman. *Journal of Child and Adolescent Psychopharmacology* 27 (8), 741-746; 2017.

Parental perception of risk associated with their premature infant. L Fletcher, T Pham, H Papaioannou, R Spinazzola, R Milanaik, S Thibeau. *Advances in Neonatal Care* 17 (4), 306-312; 2017.

Augmented reality video games: new possibilities and implications for children and adolescents. P Das, M Zhu, L McLaughlin, Z Bilgrami, RL Milanaik. *Multimodal Technologies and Interaction* 1 (2), 8; 2017.

Health implications of new-age technologies: a systematic review. Z Bilgrami, L McLaughlin, R Milanaik, A Adesman. *Minerva Pediatrica* 69 (4), 348-367; 2017.

Dietary supplements and young teens: misinformation and access provided by retailers. M Herriman, L Fletcher, A Tchaconas, A Adesman, R Milanaik. *Pediatrics* 139 (2); 2017.

Recent Publications by Andrew Adesman, MD
(all publications have one or more interns as a co-author)

Parenting Stress, Community Support, and Unmet Health Care Needs of Children in the US. Campisi, C., Pham D., Rapoport E., Adesman A. *Maternal and Child Health Journal*. 28(6):1010-1019; 2024.

Associations between bullying and condition severity among youth with chronic health conditions. Reisert H, Pham D, Rapoport E, Adesman A. *Journal of Adolescent Health*. 2023.

Sports Team Participation and Vaping Among High School Students: 2015–2019. Rapoport, E., Zhu, M. O., Pham, D., Keim, S. A., & Adesman, A. *Pediatrics*, 151(1); 2023

Health care provider support and factors associated with breastfeeding beyond infancy: A cross - national study. Keim, S. A., Tchaconas, A., Ford, J. B., Nickel, N. C., Heffern, D., & Adesman, A. *Birth*. 49(2), 233-242; 2022

Pediatricians' knowledge, attitudes and practices surrounding menstruation and feminine products. Singer, M. R., Sood, N., Rapoport, E., Gim, H., Adesman, A., & Milanaik, R. *International Journal of Adolescent Medicine and Health*, 34(3); 2022.

Impact of Medication on Performance of Household Chores by Children with ADHD. Park, F., Rapoport, E., Soled, D., & Adesman, A. *Journal of Attention Disorders*, 26(1), 119-124; 2022.

The COVID-19 pandemic and its potential enduring impact on children. M Irwin, B Lazarevic, D Soled, A Adesman. *Current Opinion in Pediatrics* 34 (1), 107-115, 2022.

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Health care provider support and factors associated with breastfeeding beyond infancy: A cross-national study. SA Keim, A Tchaconas, JB Ford, NC Nickel, D Heffern, A Adesman. *Birth*. 2021

Prevalence of Non-Heterosexual Identity and Same-Sex Sexual Contact Among High School Students in the US From 2015 to 2019. E Rapoport, CE Athanasian, A Adesman. *JAMA Pediatrics* 175 (9), 970-972, 2021.

School Readiness of Young Children Enrolled in Preschool in the United States. ER Kriegel, MR Singer, SA Keim, E Rapoport, A Adesman. *Journal of Developmental & Behavioral Pediatrics* 42 (7), 569-578, 2021.

Wandering behavior in children with autism spectrum disorder and other developmental disabilities. T Cassandra, H Reisert, A Adesman. *Current Opinion in Pediatrics* 33 (4), 464-470; 2021.

Impact of ADHD on Household Chores. SL Spaulding, K Fruitman, E Rapoport, D Soled, A Adesman. *Journal of Attention Disorders* 25 (10), 1374-1383; 2021.

Electronic Vapor Product Use and Sexual Risk Behaviors in US Adolescents. DC Rigsby, SA Keim, R Milanaik, A Adesman. *Pediatrics* 147 (6), 2021.

Reporting of child maltreatment during the SARS-CoV-2 pandemic in New York City from March to May 2020. E Rapoport, H Reisert, E Schoeman, A Adesman. *Child Abuse & Neglect*; 116, 2021.

Breastfeeding Is Associated with a Reduced Risk of Attention-Deficit/Hyperactivity Disorder Among Preschool Children; D Soled, SA Keim, E Rapoport, L Rosen, A Adesman; *Journal of Developmental & Behavioral Pediatrics* 42 (1), 9-15; 2021

Sex Differences in Gender-Diverse Expressions and Identities among Youth with Autism Spectrum Disorder; L Brunissen, E Rapoport, K Chawarska, A Adesman; *Autism Research*; 2020.

Impact of Medication on Performance of Household Chores by Children with ADHD; F Park, E Rapoport, D Soled, A Adesman. *Journal of Attention Disorders*, 1087054720969980; 2020

Reporting of child maltreatment during the SARS-CoV-2 pandemic in New York City from March to May 2020; E Rapoport, H Reisert, E Schoeman, A Adesman; *Child Abuse & Neglect*, 2020

Clinical correlates of laterality among school-age children in the United States; N Lu, DC Rigsby, SA Keim, E Rapoport, A Adesman; *Laterality* 25 (5), 620-639; 2020

Parenting challenges of grandparents raising grandchildren: Discipline, child education, technology use, and outdated health beliefs; L Brunissen, E Rapoport, K Fruitman, A Adesman *GrandFamilies: The Contemporary Journal of Research, Practice and Policy*; 2020

Family Well-being in Grandparent-Versus Parent-Headed Households; E Rapoport, N Muthiah, SA Keim, A Adesman. *Pediatrics* 146 (3); 2020

Wandering by Children with Autism Spectrum Disorders: Impact of Electronic Tracking Devices on Elopement Behavior and Quality of Life; L McLaughlin, E Rapoport, SA Keim, A Adesman *Journal of Developmental & Behavioral Pediatrics* 41 (7), 513-521; 2020

Patterns and Outcomes of Diagnosis Disclosure to Youth with Autism Spectrum Disorder; B Kiely, A Adesman, E Rapoport, A Gutman. *Journal of Developmental & Behavioral Pediatrics* 41 (6), 443-451; 2020

Pediatricians' knowledge, attitudes and practices surrounding menstruation and feminine products; MR Singer, N Sood, E Rapoport, H Gim, A Adesman, R Milanaik; *International journal of adolescent medicine and health*. 2020

Impact of ADHD on Household Chores; SL Spaulding, K Fruitman, E Rapoport, D Soled, A Adesman; *Journal of attention disorders*, 1087054720903359; 2020

Physician perceptions of ADHD stimulant diversion and misuse; NM Colaneri, SA Keim, A Adesman; *Journal of attention disorders* 24 (2), 290-300; 2020

Common parenting misconceptions regarding infant care: setting the record straight for parents (and some pediatricians); T Kahan, A Adesman; *Current opinion in pediatrics* 31 (6), 874-880; 2019

Availability of naloxone in pharmacies and knowledge of pharmacy staff regarding dispensing naloxone to younger adolescents; DE Jimenez, MR Singer, A Adesman. *Journal of Adolescent Health* 65 (5), 698-701; 2019.

Electronic vapor product usage and substance use risk behaviors among US high school students DC Rigsby, SA Keim, A Adesman. *Journal of child and adolescent psychopharmacology* 29 (7), 545-553; 2019

Disparities in Prevalence and Treatment of Mental Health Disorders in Children; R Gao, A Adesman; *JAMA pediatrics* 173 (8), 799-800; 2019.

Increased aggressive behavior among youth in the United States who have experienced multiple forms of victimization; TB Pham, N Muthiah, A Adesman. *International journal of adolescent medicine and health*; 2019

Adequacy of Ultraviolet Protection of Children's Sunglasses; T Kahan, S Sidhu, A Adesman *Medical Research Archives* 7 (3); 2019.

Correlates of genetic attributions among parents of children in the USA with developmental disabilities; B Kiely, S Vettam, A Adesman. *The application of clinical genetics* 12, 55; 2019

Physician training and qualification to educate patients on attention-deficit/hyperactivity disorder stimulant diversion and misuse; N Colaneri, SA Keim, A Adesman. *Journal of child and adolescent psychopharmacology* 28 (8), 554-561; 2018.

Wandering by children with autism spectrum disorder: key clinical factors and the role of schools and pediatricians. L McLaughlin, SA Keim, A Adesman. *Journal of Developmental & Behavioral Pediatrics* 39 (7), 538-546; 2018.

Adolescent consumption of sports drinks; K Cordrey, SA Keim, R Milanaik, A Adesman *Pediatrics* 141 (6); 2018.

Pharmacological cognitive enhancement in pediatrics. N Colaneri, M Sheldon, A Adesman *Current opinion in pediatrics* 30 (3), 430-437; 2018

Comments from Research Interns – Summer, 2024
(solicited, but unedited)

My summer as an intern at the Division of Developmental and Behavioral Pediatrics was incredibly educational and enjoyable. Working with Dr. Milanaik and Dr. Adesman was always a delight. They consistently went above and beyond what an amazing mentor should do and truly cared about making sure all of the interns were engaged and enjoying their time. The truly unique thing about this experience was how self-driven everything was, which was why I was always so excited to go into the office each day. As an undergraduate, it's usually hard to find an opportunity to explore the exact research question you're interested in. With this internship, I got to do exactly that, but with a whole bunch of different research topics I wanted to pursue. As a group of interns, we worked together on so many different research projects that sometimes it was hard to keep track of who was doing what. It was such a rewarding experience being able to work with the other interns on all of these topics we each found interesting, and I learned a lot about what it takes to lead a group of people in doing research. Beyond the research, it was amazing being able to work with the other interns and staff at the department, and they're all such great people. I think that anyone who's even remotely interested in pursuing a career in healthcare or research should consider applying for this internship, as it gives you an excellent perspective of what those fields are like.

-- E.W., Brown University

The summer internship I had in the Developmental & Behavioral Pediatrics unit of the Cohen Children's Medical Center was an invaluable experience that deepened my passion for research and medicine. Under the mentorship of Dr. Milanaik, I had the opportunity to immerse myself in both the clinical and research aspects of the field. Furthermore, the team I worked with was very welcoming and supportive with their time and knowledge. We worked together through the entire research process, from brainstorming to execution. The most rewarding part of the experience was generating ideas based on recent trends that we have witnessed on social media in pediatric health. By focusing on these emerging topics, we were able to make our projects relatable to the challenges that children face today. It was fascinating to see how these ideas transformed into tangible research projects as we worked through each phase.

In addition to conducting research, I had the opportunity to shadow physicians and observe patient care, which offered me an even deeper understanding of the medical field. One of the most impactful experiences was shadowing in the neonatal care unit—an environment I would not have been able to witness otherwise. Watching the dedication of the medical staff as they cared for the most vulnerable patients and soothed the parents was inspiring. Seeing how even the smallest interventions made a meaningful difference in the lives of infants and their families reinforced my passion for pursuing a career in medicine. I am so grateful to everyone at Cohen who guided me and shared their knowledge with me, preparing me for my future career.

-- A.K., Cornell University

This past summer working with Dr. Milanaik has been one of the most impactful experiences of my undergraduate career. This internship allowed me to both develop skills as a researcher and solidify my interest in becoming a physician through a variety of opportunities. Under Dr. Milanaik's guidance, I was able to create my own research projects that aligned with my interests and were relevant to current issues in healthcare. Oftentimes, we looked toward broader societal issues and researched their implications in pediatric healthcare. Through these projects, I learned crucial skills in writing scientific literature, data collection, IRB protocols, and analysis. During the summer, I was able to contribute to several pieces of literature and abstracts and build confidence in my abilities when doing research at my university.

Beyond being able to pursue meaningful research projects, the collaborative environment of this internship makes it unique. Being able to brainstorm, support, and work together with the other interns on our projects made it exciting and rewarding each day. I learned so much from my peers, and I truly enjoyed being a part of this group. Dr. Milanaik is an incredible mentor and I am very thankful to have had the opportunity to have learned from her. She always encouraged us to pursue topics we were interested in, gave constructive feedback, and fostered a positive atmosphere. Dr. Milanaik gave me valuable advice about medical school and being a physician, which I will carry with me.

This experience has not only reinforced my passion for pursuing a career in medicine, but helped me to better understand the wide range of healthcare research and how to pursue it. I am incredibly grateful to have been a part of this internship last summer, and I will definitely utilize the skills I have learned throughout my academic and professional career. I had an amazing experience and highly recommend it!

-- M.G., SUNY, Binghamton

As a Summer Intern, I gained useful knowledge about the ins and outs of the institution of medical literature. The work atmosphere is collaborative and welcoming. I gained experiences that will certainly benefit me as a medical school applicant, a researcher in the health sciences, and eventually as a practicing physician!

-- J.B., Univ. of North Carolina (UNC)

Comments from Research Interns – Summer, 2023
(solicited, but unedited)

“Working with Drs. Adesman and Milanaik this past summer was one of the best experiences I’ve had in my undergraduate career. Their guidance both in creating and conducting research projects, I think, has made me a significantly better researcher and future physician. Something I think is unique to this specific role is the freedom we had to create a project about almost anything we could think of in the realm of pediatrics—from projects on vaping to violence found in popular phone games. Indeed, via this internship, me and my fellow interns found ourselves on the cutting edge of medical research by exploring the role, if any, artificial intelligence has in practicing pediatrics. As a result of all this, it is possible to come out of this internship with a number of abstracts written and publications secured.

Beyond the research component of this position, shadowing with Drs. Adesman and Milanaik was always a great experience that I learned a lot from. Further, the group of interns that I worked with over the summer were fantastic. We all worked very well together and, as a result, I always looked forward to coming into work to see and collaborate with them.

Overall, I’m extremely grateful for having taken part in this internship, and I believe it has made me a more qualified and competitive applicant for medical school.”

-- A.M, Northwestern University

"I absolutely loved this internship. Dr. Milanaik is an amazing person to work under. She has deep knowledge about journals, how to design an interesting study, and how to write an IRB. I gained so much invaluable knowledge through working under Dr. M which makes me a uniquely qualified candidate for most research positions. Dr. M is also an amazing doctor who it is a privilege to shadow. Watching her work with children is inspiring, especially as someone interested in working in pediatrics. The working environment is extremely supportive and collaborative. I do not believe we could have produced our best papers without brainstorming together. In nine weeks, I first-authored two research abstracts, contributed to two IRB protocols, and was authored on multiple other research papers. This internship has enhanced my resume more than I thought was possible from one internship, and I am beyond grateful that I was awarded the opportunity to participate in it."

-- G.C., Dartmouth

“Interning at Northwell DBP over the summer was one of the most rewarding experiences in my life. Under the guidance of Dr. Milanaik, I was able to brainstorm research ideas, collect/analyze data, and draft manuscripts. Every step was a new learning experience,

since I have never written a research paper before. However, both Dr. Milanaik and Dr. Adesman are amazing mentors who are willing to help you execute research ideas and provide all the guidance necessary. With this help, the interns are expected to carry out their projects and become first/leading authors of both journal publications and conference presentations, a rare opportunity at the undergraduate level.

Part of the internship also involves shadowing – seeing patients in clinic and visiting babies in the NICU reinforced my desire to become a physician. The staff working at the Northwell DBP office and fellow interns are also amazing people, making my experience all the better. College students who are interested in pediatric research and want to have an impactful summer working with driven students and fabulous mentors should absolutely participate in this internship!

-- R.K., U. Chicago

Comments from Research Interns – Summer, 2021
(solicited, but unedited)

My summer working in the Division of Developmental and Behavioral Pediatrics at Cohen Children's Medical Center was one of the most rewarding experiences I have had as an undergraduate thus far. Through this internship, we were given the opportunity to design and implement research projects based on our personal interests related to pediatric health, which provided an aspect of freedom that I feel distinguishes this experience from other research internships. Although interns were granted this independence, the personal attention and guidance provided by Dr. Milanaik and Dr. Adesman was invaluable. Dr. Milanaik and Dr. Adesman were incredible mentors who went out of their way to help and support us in any way they could. With their assistance, I was able to shadow doctors of various specialties at CCMC, which was an amazing opportunity especially considering the limitations brought on by the pandemic. The kindness and commitment that Dr. Milanaik and Dr. Adesman demonstrated throughout the summer was so inspiring to me as a prospective physician.

This internship was also unique in the friendly and collaborative atmosphere established at CCMC. My fellow interns and I became great friends throughout the summer and have stayed in touch ever since. I can honestly say I looked forward to going into work every day. I learned so much from everyone I worked with, and I am so grateful to have met such accomplished and kind people. In addition to assisting with and helping to edit my research projects, the other interns offered great advice about the medical school application process that has been extremely helpful to me as I near that point in my journey.

Overall, I could not have asked for a better experience than this one. This internship reinforced my passion for medicine and clinical research, and taught me skills and lessons that I am sure will benefit me throughout my academic and professional careers. I cannot recommend this program highly enough!

-- C.H., Cornell University

Dr. Adesman and Dr. Milanaik are incredible mentors. They have so much experience and knowledge regarding the research process and I learned a great deal from their guidance every step of the way, from formulating ideas, to writing up abstracts, to the process of publication itself. At the same time, they allowed the interns so much independence to explore subjects which interested us and to design and carry out projects. By the end of the summer, I co-authored several accepted abstracts and opinion pieces, and I know that I gained the skillset to do further research in the future. This internship taught me how to approach problems like a researcher and honed my scientific writing ability in a way which no prior experience or class ever has.

The other interns in this program are also a large part of what makes it an amazing experience. Working with such a talented, hardworking, and fun group of people was a pleasure. I was truly excited to come in every day to brainstorm and solve problems with them. Altogether, this internship offers a uniquely energetic and creative environment to cultivate your skills as a

researcher and scientific writer. I know that the friendships I made during this internship will be long-lasting, as will the invaluable knowledge, skills, and experience that I gained.

-- M.O., Harvard University

Interning at Cohen Children's was probably one of the best decisions I could have made during my undergraduate career. Not only is there a good deal of guidance and mentorship, there's also a lot of room for independence and creativity. Drs. Adesman and Milanaik care deeply about our futures and are very enthusiastic about helping us to succeed. They prioritize producing meaningful work in a collaborative environment. By far my favorite part of the program was getting close to the other interns. Moving away from home for the summer can be daunting, but everyone is so friendly and driven and focused on cultivating a positive space to work and grow together. I would highly recommend considering applying to this program as its prestige, opportunities, and people are unmatched.

-- R.B., Yale University

I had a fantastic time this past summer working with Drs. Adesman and Milanaik. They are both fantastic mentors who truly care about helping you grow as a researcher and a future doctor. What is so amazing about this research position is that you get the leeway and independence to pursue a variety of projects, and the support to pursue projects in topics that you are interested in. I was able to pursue a project investigating the skin tone of protagonists and antagonists in animated children's films - a project of great interest to me - and with the teams' help, I was able to present this work at the AAP Conference, something I had never dreamed of doing.

There are also many chances to jump onto new research projects relevant to current events, and I was fortunate to work with Dr. Milanaik and publish a viewpoint piece in JAMA Pediatrics about skateboarding safety practices in the Olympics, which is a testament to the incubator-like environment at the internship where you have the space to thrive.

Drs. Adesman and Milanaik do a great job in choosing a cohort of students that work well together, and we all came out of the summer with not only multiple publications, but also great friendships. I credit this internship to significantly boosting my application for medical school and highly recommend it to any student who is considering it.

-- S.M., Harvard University

Comments from Research Interns – Summer, 2020
(solicited, but unedited)

“Working with Dr. Adesman and Dr. Milanaik has been an incredible opportunity. Unlike other research internships, this position allows you more freedom to explore research projects based on your own personal interests related to child development. Dr. Adesman and Dr. Milanaik are attentive and accommodating mentors who continue to support your growth beyond the internship position. Moreover, they foster a collaborative environment amongst the interns by encouraging us to work with each other on multiple projects and manuscripts. Additionally, this internship is a great opportunity for publications. For me personally, this position was my first introduction into preparing and writing manuscripts. Not only have I been able to “boost” my resume, but also I’ve been able to cultivate important skill sets in a supportive, welcoming environment. I am grateful for this opportunity that has enriched my undergraduate experience.”

-- C.P., Brown University

“My time spent as an intern in the Division of Developmental and Behavioral Pediatrics has been invaluable and one of the most transformative experiences of my life thus far. Both Dr. Adesman and Dr. Milanaik are the best mentors. They grant us the freedom to lead with our passions as we decide the projects to pursue, and then they provide us the guidance to make those projects come to life.

This summer, one of my projects resulted in a publication I co-authored related to child abuse reporting during the COVID-19 pandemic! Over the course of the internship, I learned and fine-tuned a multitude of research-related skills, including conducting a thorough and efficient lit-search, selecting data for secondary analyses, writing with language appropriate for academic publications, and editing manuscripts in response to reviewer requests.

I’m already seeing these personal and academic improvements reflected in my work back at school, where my research mentors and professors have noted my improvements as well. It’s evident that Dr. A and Dr. M want us to succeed in our summer research endeavors and beyond; I’ve never felt more encouraged on my path toward a medical and research career.

It’s hard to believe that I’ve only ever met Dr. Adesman, Dr. Milanaik, and the other summer and gap-year interns over Zoom, because the relationships I’ve made are so sincere and have lasted beyond the limits of the summer. The collaborative and friendly atmosphere of each virtual meeting made me forget that we weren’t actually meeting in a conference room. I can’t emphasize how much I recommend this internship if you’re looking for a transformative research experience and the mentorship of a lifetime!”

-- H.R., Duke University

“Having always wanted to be a pediatrician, I was thrilled to accept an internship position with Developmental and Behavioral Pediatrics at Cohen Children's Medical Center this summer. Despite being completely virtual, I would say the experience surpassed my already high expectations. In this program, Dr. Adesman and Dr. Milanaik give you the freedom to research whatever topic interests you most. The doctors truly give all the interns the perfect balance of support and autonomy. I was able to pitch my ideas at the beginning of the summer, hear the doctors' thoughts in return, and then work with their help to develop a project that was both something I was passionate about and something more creative than I could have thought of on my own. I was personally able to publish a paper on child abuse reporting during the COVID-19 pandemic within the first two months of my internship experience. I also have chosen to continue researching with DBPeds into the school year, and am confident that I will continue to remain connected to the projects I started this summer for many years to come.

One of the best parts of this program is the relationships it fosters between interns. Dr. Adesman and Dr. Milanaik do a great job of selecting passionate and involved students from top schools who have a lot to learn from and share with one another. As an premedical undergraduate who did not know much about the medical school application process, talking to gap year interns who were in med school and other interns who were in the same position as me was an unexpected and much appreciated source of information. When I was taking my MCAT this year, it was so awesome to have support from other interns also taking the exam, and to get advice from interns who had already taken it. Despite the unique experience of only interacting with others in the program over zoom, I feel that I've made friends and contacts who I will continue to use as a resource for the rest of my medical career.

To everyone considering applying to the program this summer, do it! You won't regret it.

-- E.S., Princeton

“This internship is a great experience in learning about all aspects of the research process, including study design, IRB communication, data analysis, and manuscript writing. Interns are given a high level of responsibility and leadership on their projects, as well as significant freedom regarding the types of projects they work on. Seeing a project through from start to finish is a valuable and often uncommon experience for undergraduates, so this internship has prepared me well to conduct research in the future. This is a great experience for any undergraduate interested in learning more about the research process and exploring their own research ideas related to developmental and behavioral pediatrics. I know that I will use the skills I learned during this internship for years to come, and I am grateful for the experience!”

-- D.F., Dartmouth

“Dr. Adesman and Dr. Milanaik are fantastic. I had very minimal research experience prior to this internship and came out an effective and efficient writer. I learned a fairly large amount about developmental and behavioral diseases under their guidance and completely

elevated my scientific writing. I was able to produce several abstracts and a manuscript for a study of my own design. They walked me through the entire process from start to finish but really granted me a large amount of freedom in how I wanted to conduct the study. They are fun to be around, especially if you like "dad jokes". The program has not only made me a better student, scientist, and leader, but also allowed me to meet some really great friends and mentors. If you are at all interested in medicine, this is a fantastic internship to apply to.

-- N.C., Princeton

Comments from Research Interns – Summer, 2019
(solicited, but unedited)

“Working in the Division of Developmental and Behavioral Pediatrics this past summer has been an incredible experience. Coming into this internship with limited previous research experience, I did not know what to expect. However, Dr. Adesman, Dr. Milanaik, and the gap year interns quickly helped me get acclimated and before long, I was working on my first IRB.

This clinical research internship is unlike any other in that you have the freedom to explore any research topic related to child development that is of personal interest to you. All of the interns are provided with the resources and support to design research projects that they are passionate about. Additionally, there are ample authorship opportunities, whether that be in the form of abstracts submitted to conferences or manuscripts published in peer-reviewed journals. For instance, this past summer, the summer interns worked in groups of three to publish two review articles in a peer-reviewed pediatric journal. Furthermore, the work environment is highly collaborative and inclusive, and I truly enjoyed getting to know all of the other interns. By the end of the summer, it felt like we were all part of one big family.

One of the most distinctive aspects of this internship is the unparalleled guidance and mentorship provided by Dr. Adesman and Dr. Milanaik. Despite their busy schedules, Dr. Adesman and Dr. Milanaik took the time to provide each intern with personalized instruction and were genuinely invested in seeing us achieve our goals and grow as individuals. I am thankful to have had such a rewarding opportunity, and I would highly recommend this internship to anyone interested in pursuing a career in medicine or healthcare!”

-- D.W., Cornell

“I am immensely grateful for the opportunity to have partaken in the Summer Clinical Research Internship in Developmental & Behavioral Pediatrics. Dr. Adesman and Dr. Milanaik are genuinely so passionate about students taking the reins and directing their own research experiences. They will always make time for you, even though they are extremely busy individuals, in order to brainstorm with you, give realistic advice, and work out any roadblocks in your plans. Due to their relentless encouragement and evident investment in my goals, I developed a more robust desire to pursue my research interests over the course of the summer. The amount of freedom I experienced was undeniably unlike any that I have had in previous research experiences. I learned how to do a thorough literature review, develop my own research questions/plans, create surveys, obtain IRB approval, and co-author manuscripts. I even had the chance to submit my abstracts to regional and national pediatric research conferences – the opportunities afforded through this program are incredible!

Additionally, I had the privilege of getting to know a group of friendly, driven, and supportive peers. Through the help of my peers, I was able to hone skills like critically examining my own writing and being conscious of the audience to which I am writing. Dr. Adesman, Dr. Milanaik, and the other interns always gave me thoughtful and constructive feedback with the intention of helping me grow as a researcher and writer. I believe that I improved greatly in my scientific writing abilities as a result of their guidance and critiquing. Dr. Adesman and Dr.

Milanaik truly care about us as individuals, and this was evident not only in the way they treated us as capable and intelligent researchers, but also in the way they thoughtfully celebrated interns' successes and milestones. I highly recommend this program to any student interested in medicine who wants to have fun while engaging in impactful and self-driven research."

-- F.P., Cornell

"My experience at Cohen Children's was incredible - and certainly the best summer internship I have experienced thus far. Whether you are looking to design your own research project or use statistical analysis to analyze existing data, this internship is perfect for you. Dr. Adesman and Dr. Milanaik are very supportive mentors and are definitely the best part of the program. They both foster a wonderful, collaborative atmosphere where interns are encouraged to co-author manuscripts with each other. In my opinion, they also do a good job of choosing interns who are inquisitive, hard-working, and just all-around awesome people, which enhanced the experience. (Indeed, many of us have kept in contact during the medical school application process!) I could not recommend this internship more!"

-- N.L., Yale

"I highly recommend this internship to anyone who hasn't had a clinical research opportunity in the past. Through this internship, I was able to formulate my own research project and work under the guidance of Dr. Milanaik and Dr. Adesman, as well as from my peer interns. I learned about the process of clinical research—ideation, submitting an IRB, data collection and analysis. I feel that this internship has prepared me well for future endeavors I may have in pursuing clinical research. Through this internship, I was able to co-author a review article and submit a few abstracts for conferences— two things I would have had no exposure to without this experience.

Dr. Milanaik and Dr. Adesman, despite having busy schedules, always made themselves available to us if we had updates on our projects or needed an opinion on where to go with the ideas we had. I came in having no clue what I wanted to research, and they were very practical in their guidance, helping me formulate my research question to be answerable in the time frame that I had and relevant to pediatricians. They care about you doing well and will be there to offer suggestions if you feel lost and your idea isn't panning out. They were incredibly supportive and I was even able to shadow Dr. Milanaik a few times which was a really great opportunity.

A key strength of this Summer internship is that you learn so much about the research process, not just from Dr. M and Dr. A but from the other Summer interns and the gap year interns. Everyone was so friendly! This internship is all about learning together and collaborating, bouncing ideas and feeding off each other. Dr. M and Dr. A do a great job curating a learning environment where help isn't just passed down from them but where everyone's background and expertise is valued and help comes from teaching each other.

Overall, I feel super thankful for this experience because it gave me a solid foundation for future work I may have as a medical student and as a clinician.”

-- S.H., Yale

“I was fortunate to be able to spend the “last summer of my life” between my first and second years of medical school in the department of Developmental and Behavioral Pediatrics at Cohen Children’s Medical Center with Dr. Milanaik and Dr. Adesman. As someone who has considered a career in pediatrics for many years, this experience helped me to explore and solidify the reasons behind that desire.

I’ve had experience with both bench and clinical research, but never have had the opportunity to pursue research that entirely stems from my own passion and interests. This honestly makes doing research so much more fun. The project I focused on for the summer investigated pediatrician attitudes, practices, and barriers in providing sex education to adolescents with intellectual disabilities. I was driven by the disparities in sexual health outcomes in this population, which provided the fuel for me to power through the project. Along the way, Dr. Milanaik and Dr. Adesman provided me with guidance and advice, helping me to focus my ideas and produce my own survey, which was distributed to physicians throughout the country.

I am thankful to have had this research experience, which seamlessly struck the balance between hard work and enjoying the company of the other interns. Additionally, everyone in the department is super friendly and so you have the opportunity to hear about interesting clinical cases and learn from a variety of talented physicians. Highly recommend to anyone considering a future in pediatrics or developmental disabilities!”

-- V.T., Zucker School of Medicine at Hofstra/Northwell

“As an intern in Developmental & Behavioral Pediatrics at Cohen, you’ll have an unparalleled level of self-directedness, ownership of your work, and support from your fellow interns and from Dr. Milanaik and Dr. Adesman. While most other research experiences for undergraduates consist of helping to execute a pre-existing project or research direction, this is a truly unique opportunity to develop your own vision for your research. The range of topics that interns typically focus on are really practical, interesting, and fun. Dr. Adesman and Dr. Milanaik are also very helpful in the process of submitting papers for publication. I may not have gotten the opportunity to be the first author on a published paper elsewhere, let alone Dr. Adesman and Dr. Milanaik’s genuine enthusiasm and investment in all of the interns’ success. Additionally, Dr. Milanaik and Dr. Adesman are hugely skilled clinicians and I really enjoyed the opportunity to shadow them several times throughout the summer. Finally, the other summer and gap year interns were the most amazing, kind, driven, and smart people to work alongside every day and truly the ideal summer colleagues. This is an incredibly rewarding internship that I strongly recommend!”

-- L.S., Yale

Comments from Research Interns – Summer, 2018
(solicited, but unedited)

“I cannot recommend the Cohen Children’s Medical Center internship in Developmental and Behavioral Pediatrics highly enough. I believe that this internship is truly unique among undergraduate clinical research experiences with respect to the freedom each intern is afforded to explore personal research interests, the strong mentorship and individual guidance provided by Dr. Adesman and Dr. Milanaik, the authorship opportunities inherent in the program, and the genuinely fun atmosphere in the office.

The DBPeds internship is a fantastic experience primarily due to the remarkable leadership of Dr. Adesman and Dr. Milanaik. I doubt that any other undergraduate clinical research program in the country offers as much personalized attention and instruction from such experienced, accomplished, and genuinely caring physicians. They empowered me to identify my own areas of interest for research, supported me throughout the design and execution of my studies, and offered keen insights over multiple rounds of abstract and manuscript editing. Their mentorship style strikes the perfect balance between offering appropriate, useful guidance and allowing students enough independence to direct their own research initiatives.

Throughout the summer, I acquired valuable skills via hands-on learning in study design, literature review, survey analysis techniques, and scientific writing. With Dr. Adesman’s guidance, I also authored four abstracts and a manuscript currently under review for various journals and conferences. I am certain that both the clinical experience and the research publications made possible by this internship will be the defining features of my medical school application.

However, the DBPeds research internship is much more than just a résumé-building summer activity. The other interns and office staff create a warm, collaborative environment that quickly feels like home -- even for someone who is very new to New York City! Physicians in the department invite summer interns to shadow their clinical appointments and participate in medical education lectures, and the office management sponsors many social events for students and staff to meet one another. Gap year interns are eager to get to know younger students, and they provided me with valuable advice about my research projects, medical schools, and life in general. I quickly became friends with everyone else in the internship program, and I still keep in touch with many of them. In my opinion, the social and community aspects of this program are just as enriching as the clinical and technical ones.

The Developmental and Behavioral Pediatrics internship is a uniquely rewarding and enjoyable summer research experience that greatly strengthened my own desire to pursue clinical research and the medical profession, and I know that I will use the skills acquired through this program throughout my entire career. I would strongly encourage all undergraduates interested in clinical research and medicine to apply!

-- D.R., Yale University

“My summer at the Cohen Children’s Medical Center was truly the most positive and productive research internship that I have experienced to this date. The ability to complete an original, intern-driven research project, often resulting in manuscripts, abstracts and platform presentations, over the course of one summer is an opportunity that few other internships offer. I was able to come in with a research interest, develop and disseminate a questionnaire to address this interest, and learn to write an IRB proposal, while getting my first experience drafting and revising two manuscripts.

The biggest strengths of this program in my opinion lie in the incredible dedication and passion of Dr. Adesman and Dr. Milanaik in helping interns to achieve their goals for the summer, and in the fantastic collaborative atmosphere between interns. We were highly encouraged to tackle multiple projects at once, co-author manuscripts and bounce ideas off of one another, which made the work environment incredibly thrilling and radically changed the very individualistic outlook on research that I had. I was surprised by how personable, genuine and inquisitive every single intern in the internship program was, which made coming into the office every day a real pleasure!

Dr. Adesman, Dr. Milanaik are unparalleled in terms of their commitment and the time they dedicate to every intern, whether it be in guiding you along the writing process or just helping you craft your goals with medicine/research/etc. I cannot recommend this internship enough; it is truly one of a kind!

-- L.B., Yale University

“This past summer, working in the Developmental and Behavioral Pediatrics Department was by far the most rewarding and medically relevant experience I’ve had to date. Never having done serious research before, I was unsure of what to expect, but with the help of Dr. Milanaik, Dr. Adesman, and all the other interns, the learning process was quick, smooth, and enjoyable.

There were two key elements that really stood out to me about this program: The special attention given to guide interns toward uniquely individualized projects of interest, and the collaborative environment present amongst interns. While the focus of the department is on developmental disorders, I got the chance to branch out by connecting with Dr. Milanaik on a topic of mutual interest. As I have Celiac Disease, and Dr. Milanaik is also in contact with many individuals on gluten-free diets, I was able to explore the use of these diets by parents and residents in various medical scenarios, creating a project quite relevant to my own life.

Additionally, much of the time in this internship is spent not only on your own project, but tagging along with other interns and learning about or brainstorming a wide variety of other topics. For me, this included Antibiotic Diversion, Probiotic Usage, and Childhood Obesity. The help I received in turn with statistics that I may have been unfamiliar with, survey designs, or just any ideas in general I hadn’t previously thought of were valuable beyond measure. And on

top of all that, the ability to shadow Dr. Milanaik in the NICU or have Dr. Adesman connect you with any other field of interest in the hospital makes this internship incredibly well-rounded, educational, and most of all, fun.”

-- T.I., Columbia University

“My summer at Developmental and Behavioral Pediatrics of Cohen Children’s Medical Center was a truly valuable experience that allowed me to explore various aspects of clinical research and gain exposure to the professional lives of pediatricians and psychologists.

Under the guidance of Dr. Adesman and Dr. Milanaik, and with the sometimes-rambunctious and always-passionate team of interns, I was able to work on several projects relevant to pediatric health care and the well-being of children.

The research I conducted was completely different from other forms of research that I have been exposed to at school and during previous summers, and the subjects I studied were often directly relevant in the clinical and real-world setting for practicing clinicians, patients, and parents. The freedom to explore our interests, initiate projects, and be directly responsible for all aspects of the research—including developing ideas, obtaining IRB approval, designing surveys, analyzing results, and writing abstracts—made this internship truly unique and valuable.

Dr. Adesman and Dr. Milanaik were always kind, supportive, and generous with their time and guidance, even amidst their busy schedules; their mentorship and expertise are unparalleled. The words of wisdom and advice that I received from doctors, matriculating medical students, and peers will be valuable throughout my career.

Perhaps the most meaningful aspect of this internship for me was the chance to befriend and work with a group of exceptionally bright and exceedingly kind individuals from diverse backgrounds. I still keep in touch with them today! I am sure that the skills I gained from this experience will continue to serve me well throughout college, medical school, and beyond.”

H.G., Williams College

Comments from Research Interns – Summer, 2017
(solicited, but unedited)

“Spending the summer at Cohen Children’s Medical Center was a fantastic experience for me. The research opportunities that the internship provides are unlike any other I have seen – not only do you get to play an integral role in hands-on clinical research, but you are afforded incredible freedom in designing and creating research projects based on your own personal clinical interests. My internship at Cohen has completely transformed my medical school application and made me a strong research candidate, allowing me to author several abstracts and a manuscript on my own research in just one summer. Throughout the program, my research and clinical skills grew immensely; I strengthened my scientific writing skills by drafting abstracts and manuscripts, improved my clinical skills through many patient interactions during studies and shadowing opportunities, and learned how to pursue a research project from initial IRB submissions to analyzing and interpreting clinical data.

Dr. Adesman and Dr. Milanaik are incredibly committed to mentorship and prioritizing clinical and research exposure for interns. They make sure to take note of personal clinical interests of their interns, and often go out of their way to ensure interns leave the summer with a wealth of new clinical experiences. I learned so much about patient care from the internship and found every day brought about new clinical opportunities, whether it be shadowing Dr. Milanaik in the NICU or sitting in on one of Dr. Adesman’s patient visits. In addition, both doctors are excellent role models to help you with anything related to a career in medicine. Some of my favorite memories of the summer are spending time in the office discussing big issues in medicine and hearing the unique perspectives of such accomplished and experienced physicians.

On top of all the amazing research opportunities, the internship is so genuinely fun. All of the interns are incredibly personable and hardworking. We all became very close just by virtue of working together every day, and maintained a great balance of productivity and enjoyment. Every day in the office brought about fun activities, whether it was going to brunch in the city, celebrating birthdays, or taking an afternoon ice cream break. Additionally, many of the gap year interns served as informal mentors for many of the summer interns, and we all still keep in touch as we progress through different points of our medical journeys. I couldn’t ask for a more rewarding and enjoyable way to spend the summer.”

-- S.S., Yale

“The internship program put together by Dr. Adesman and Dr. Milanaik is truly unparalleled. I expected to help out on a project and shadow them a few times, but I was quite impressed as to what I was able to do. The biggest strength of the program is that you are not limited in anyway. You can accomplish however much you want; they will always do their best to support you. In many other programs, interns are not the primary focus. However, here, interns are the focus for the summer. I was not only able to help out on other projects, but I was able to design my own project from scratch -- starting from getting approval from the IRB to recruiting children to take math tests. They guided me with the experimental design, ordered the materials I needed, put me in touch with experts, helped with the writing process, and more. I had time to

start another project as well. Being able to initiate my own projects in my first ever research experience is something that I would not have been able to do in most places.

Having an opportunity to shadow Dr. Adesman and Dr. Milanaik and working in the office gives you a good sense of the daily life of a physician, which is quite a valuable experience. I also had opportunities to visit the NICU and truly recognize the delicacy of life and the beauty of medicine. As I was interested in neurosurgery, Dr. Adesman helped put me in touch with a neurosurgeon who let me shadow a 7 hour craniosynostosis surgery where I was pretty much at the head of the table. By far, that was one of the coolest experiences I have had.

An important aspect of research is also writing, and there were various opportunities to do that as well. I was able to help write my own proposal for the IRB to obtain permission for my project, a review article on what pediatricians should know about fidget spinners, and another article on psychosocial impacts of technology which is still in progress.

Perhaps one of the best aspects of the internship was the community there. The other interns are amazing individuals -- which makes for an incredible experience. The collaboration and teamwork highlight true medicine.”

-- J.S., University of Pennsylvania

“My summer working in Developmental Pediatrics was an incredible experience! Dr. Adesman and Dr. Milanaik cared about involving all of the interns in every part of the research process. They provided guidance to make sure we were all able to get the most of our experiences. Throughout the entire summer I always felt supported. Whatever previous interests and ideas we came in with, they helped us make them into actual projects. And if there was anything we wanted to see or become more involved in, Drs. Adesman and Milanaik provided every opportunity they could, often going out of their way to aid us as much as possible. Not only did the department give me exposure to the true research process and other medical interests, but working everyday with the other interns added so much to the summer! I don't know if any other internship will ever be able to compare to my time with Dr. Adesman and Dr. Milanaik”

-- C.T., Cornell

“The opportunity to work under the guidance of Drs. Adesman and Milanaik has been one of the most formative experiences of my undergraduate career. As a result of the engaging, welcoming, and collaborative environment of the D-B Peds Unit, I have been able to develop my skills as a scientific investigator in the most hands-on way. Dr. Adesman and Dr. Milanaik created a context in which I always felt comfortable to ask questions. I was able to turn my own interests into tangible projects. It is this same atmosphere that allowed me to critically engage with incredibly talented, knowledgeable peers: refining methodologies, asking questions I never thought to ask, and learning novel perspectives. My mentors were always willing to set aside time to meet with me as well—even if that meant working well after their patients had left or replying to emails in the middle of the night.

I also had the chance to focus my scientific writing skills. Even in college, I was never offered as much independence in writing abstracts, IRBs, and manuscripts as I was during this summer internship. For this reason, I was truly able to reflect upon my interests, create interesting questions, develop novel methods, design surveys, collect data, work with peers to analyze that data, write about all that I have found, and send those findings to well-read scientific journals.

All in all, this internship has been one of the most valuable of my undergraduate career. Not only did this program show me the truly collaborative nature of research and help me refine my scientific writing skills, but it was also one of the very rare programs where I was certain my mentors truly cared about me. Dr. Adesman and Dr. Milanaik wanted to see me succeed, and it was clear that they were willing to do all they could to help me achieve my goals.”

-- N.M., Cornell

“The Summer Clinical Research Internship in Developmental & Behavioral Pediatrics at Northwell Health was by far one of the most rewarding experiences. Interning with Dr. Adesman and Dr. Milanaik helped me solidify my passion and interest in research. Dr. Adesman and Dr. Milanaik are incredible role models who always took time out of their busy schedule to answer questions and further develop my research projects. The office environment was collaborative, non-competitive, and yet it also encouraged independent work. This internship was unique in that Dr. Adesman and Dr. Milanaik not only provided a wide range of interesting research ideas of their own, but were also extremely supportive of self-initiated projects. Due to their direction and support, I was fortunate enough to be a first author on a published article, and was also able to participate in projects varying from abnormal gait pattern in infants using baby walkers to fidget spinners.

One of the most distinguishing aspects of this internship is the opportunity to learn first-hand how to develop an idea, prepare IRBs, gather the data, and formulate a research abstract. This in depth understanding of what goes into a manuscript and the importance of collaborating with your peers would not have been possible without the extraordinary trust of Dr. Adesman and Dr. Milanaik and the degree of individual responsibility in trusted to each intern.

Words cannot express enough gratitude to both Dr. Adesman and Dr. Milanaik for guiding me and pushing me to become a better researcher, student, and overall individual. I genuinely enjoyed my time spent with the other summer interns and still remain in contact with them today. I unequivocally recommend this summer research internship if you are a self-motivated and driven student interested in pediatrics and clinical research. Overall this summer has taught me the skills and lessons that will only serve me well throughout my future career.”

-- R.S., Washington University in St. Louis

2025 Summer Research Internship

Division of Pediatric Neurology

2025 Summer Research Internship

Division of Pediatric Neurology

Description: A 6-8 week internship program in clinical research related to Pediatric Neurology in children and adolescents is offered by Cohen Children's Medical Center of New York – part of Northwell Health.

This “Summer” research internship program offers 1-2 accomplished students the opportunity to work closely with the clinical research department and/or faculty on one or more research projects related to pediatric neurology. Students may assist the faculty member in an ongoing research project and/or work collaboratively with the clinical research department on ongoing research projects. Most projects include retrospective chart reviews and/or clinical trials that may involve direct contact with patients.

While participating in the program, interns will have the opportunity to shadow in our clinics. Research interns may also be encouraged to attend other lectures of interest available through the Division of Pediatric Neurology. Research projects may include a wide variety of topics relevant to pediatric neurology, including epilepsy, narcolepsy, migraines, and quality improvement projects.

The internship is open to students who excelled while pursuing their bachelor's degree from any U.S. college or university. Although the ideal candidate is a student who aspires to attend further education in a health-related field (MD, PhD, DrPH, NP, etc.) in the near future and may have a background in neurology or neurosciences, we welcome applications from any student who has excelled in any area of study.

This program is flexible in the number of hours per week but at minimum we ask for at least two full business days per week as a commitment. “Summer” research positions are unpaid.

Research Abstracts/Publications: It is anticipated that students may be included as co-authors on research abstracts submitted to national research meetings. This is based on the discretion of the principal investigator.

Program Dates: Start and completion dates for the “Summer” research internship are somewhat flexible. Priority will be given to students who make at least a full-time 6-8 week commitment or longer. If provided with advanced notice, “Summer” interns may take one or more unpaid days off.

Other Activities/ Expectations/Opportunities: Interns may have the opportunity to attend clinical lectures of interest available through the Division of Pediatric Neurology. There may also

be opportunities for occasional shadowing of clinicians. “Summer” interns may occasionally be asked to assist with other academic or administrative tasks.

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the form [linked here](https://forms.gle/o1oWXY6jN26DPnL9) (<https://forms.gle/o1oWXY6jN26DPnL9>); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: There is a rolling submission deadline. However, priority will be given to candidates who submit all materials by Sunday, March 2, 2025 at 11:59 PM (EST). Applicants are strongly encouraged to submit their application as early as possible. Upon then, chosen candidates will be contacted for an interview by phone, via Zoom, and/or in-person with Dr. Sanjeev Kothare, Chief of Pediatric Neurology. It is anticipated that notification of decisions will be made in April 2025.

For Further Information: The research internship in the Division of Pediatric Neurology is overseen by Dr. Sanjeev Kothare, Chief of Pediatric Neurology. Requests for additional information regarding the Summer internship program or the application process may be directed to Makeda Gadson (MGadson@northwell.edu) with the subject line “*Summer Internship Program*”.

2025 Summer Research Internship

Division of Pediatric Nephrology

2025 Summer Clinical Research Internship in Pediatric Nephrology

Description: An at-least 3-month program in clinical research related to pediatric nephrology in children and adolescents is offered by Cohen Children's Medical Center of New York (CCMC)– part of Northwell Health (formerly North Shore-LIJ Health System).

The Summer Internship offers 1 accomplished student the opportunity to work closely with a faculty mentor on one or more research projects related to pediatric nephrology. Students will assist the faculty member in ongoing research projects and/or work collaboratively with the mentor in designing a new project of mutual interest. Many projects include retrospective chart reviews, but there may also be projects that will involve direct contact with patients. The student is expected to take ownership of a research project and write a manuscript by the end of the summer. Throughout the program, interns will have the opportunity to shadow in our clinics and on rounds. Research interns will also be encouraged to attend other lectures of interest available through the Division of Pediatrics at CCMC.

The internship is open to students who excelled while pursuing their Bachelor's degree from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to attend a doctoral program in medicine.

This program is flexible in the number of hours per week but at minimum we require at least four full weekdays (9am-5pm) per week commitment.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on one or more research abstracts submitted to national research meetings. Students who successfully write a manuscript for journal submission of their research findings will be identified as the first or second author of any paper submitted for publication. A list of research abstracts accepted for presentation at national meetings is attached.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 60-70% of one's time, interns are encouraged to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

▶ Lectures:

- Conference lectures on general pediatrics topics
- Pediatric Nephrology lectures: 2-3 per week
- Grand Round Lectures: 1x per month

▶ Clinical Observation:

- Shadow pediatric nephrologists in outpatient clinics and attend inpatient rounds
- Opportunities to shadow kidney tissue biopsies and kidney transplant surgeries as available

▶ Miscellaneous:

- Maintenance of records and data for other ongoing research studies
- Assist with special projects and other general office support

To Apply: You must submit a completed application through the form linked here:

https://docs.google.com/forms/d/e/1FAIpQLSdHAo5prha4ZSYf7STMGdHO2hz3AFqeityt5bonE_egB0lviA/viawform?usp=sharing

This application (a Google form) will also ask you to attach a CV or resume and an unofficial transcript. (If you receive an error message regarding data loss prevention on the Google Form, please try accessing it through a non-school Gmail. If you encounter further problems, please email mabdullah2@northwell.edu to troubleshoot.)

Application Process & Deadline: The submission deadline is Sunday, February 16th, 2025 at 11:59pm (EST); all materials must be received by that date. Applications will continue to be accepted after that date until positions are filled.

For Further Information: The research internship is coordinated by Mahie Abdullah (mabdullah2@northwell.edu). Questions regarding the internship or its application should be directed to Mahie Abdullah (mabdullah2@northwell.edu) or Dr. Sethna (csethna@northwell.edu).

Recent Publications by Prior Interns

Restoration of nocturnal blood pressure dip and reduction of nocturnal blood pressure with evening anti-hypertensive medication administration in pediatric kidney transplant recipients: A pilot randomized clinical trial. *Pediatr Transplant*. 2020 Dec;24(8):e13854. Doi: 10.1111/ptr.13854. Epub 2020 Oct 7. PMID: 33026142. ^B

Isolated nocturnal hypertension in pediatric kidney transplant recipients. *Pediatr Transplant*. 2021;00:e14192. Doi:10.1111/ptr.14192 ^B

Treatment Updates in Alport Syndrome, *Kidney News*, 2021. 13(4), 25-27.
https://www.kidneynews.org/view/journals/kidney-news/13/4/article-p25_8.xml ^A

Influence of Donor Race and Donor-recipient Race-matching on Pediatric Kidney Transplant Outcomes. *Transplantation Direct*. June 2022 – Volume 8 – Issue 6 – p e1324 doi: 10.1097/TXD.0000000000001324 ^A

Vortex Formation Time is a Novel Measure for Early Detection of Diastolic Abnormalities in Adolescents with Hypertension. *Pediatr Cardiol*. 2023 Jun;44(5):1135-1142. ^A

Hypertension after multisystem inflammatory syndrome in children (MIS-C). *Pediatr Nephrol*. 2023 Dec;38(12):4083-4091. ^B

Acute kidney injury post-abdominal surgery in infants: implications for prevention and management. *Frontiers in Pediatrics*. 2023;11. doi: 10.3389/fped.2023.1162863. ^A
Abstract/ Poster presentation at Pediatric Academic Societies (PAS) 2023: Vitamin A intake and Cardiometabolic Risk Factors among Adolescents: National Health and Nutrition Examination Survey (NHANES)

Association of mental health-related patient reported outcomes with blood pressure in adults and children with primary proteinuric glomerulopathies. *J Nephrol*. 2024 Apr;37(3):647-660. doi: 10.1007/s40620-024-01919-6.

A –Research intern as 1st author

B –Research intern as co-author

Comments from Previous Interns

“My experience in the department of pediatric nephrology at Cohen Children’s Medical Center have provided unparalleled experience that has helped me in my journey to medicine. I’ve had the opportunity to take a novel research project from conception through to now preparing for publication. Through this, I’ve improved skill not just in scientific writing and statistical analysis but have gained deep insight into how research translates into meaningful clinical change. Beyond this, this role has been invaluable in highlighting how critical patient connection is, both inside and out of research settings, and how it can contribute to better and more comprehensive overall care.”

I cannot recommend this internship enough to undergraduate students, both for the incredible research and clinical experience but also for the wonderful support and mentorship you receive not just from Dr. Sethna, but from the entire department.”

E.C. Bowdoin College, Class of 2026
Summer Research Intern, 2024

“The pediatric nephrology department and Dr. Sethna’s tutelage have been an incredibly learning experience in every way. From Dr. Sethna and the entire department’s mentorship and guidance as I shaped my research project to the fascinating surgical and clinic shadowing opportunities, I saw the incredible clinical and research efforts that go into providing the best possible care for patients. Under the entire research department’s guidance, I had the privilege of developing my own project and contributing to other studies and carrying those each to publication. Through this process, I’ve honed scientific and clinical thinking skills and have gained invaluable skill in biostatistics and statistics in clinical research.”

Dr. Sethna is far and away the best mentor that I’ve ever had—she has been instrumental in fostering a love for nephrology and contributing to my development as a researcher. Her guidance has shaped my understanding of the research process, and she has been crucial in fostering my interest in building a career around innovative research. Moreover, she is not just invested in your development as a researcher—each day, it was apparent how much she cared about helping me in my goal of going to medical school while making sure I was growing as a person as well. I have no doubt that her guidance, as well as the support from each of the attendings and our entire research team, will be vital skills that will aid me as I begin medical school this fall.”

M.S. University of Chicago, Class of 2023
Summer Research Intern, 2022

“Working at the Pediatric Nephrology Department as a Clinical Research Intern has been an incredible learning experience which proved to be instrumental in my professional development. Here, I had the opportunity to refine my scientific writing abilities and improve my data analysis skills. This has not only expanded my knowledge but also deepened my passion to continue pursuing research as a medical student and a future physician. The mentorship that I received from the research team was

invaluable in shaping my understanding of the intricate steps that must be taken to establish meaningful research projects. I thoroughly appreciate the collaborative and inclusive environment fostered here in every single day!

Under the direct guidance of Dr. Sethna, I was able to participate in various components of the research process, ranging from actively screening patients for multiple research studies and consenting study participants all the way to participating in abstract and manuscript writing for publication. I wholeheartedly recommend this internship for all those who are considering a career in medicine and research!”

A.A. Stony Brooky University, Class of 2022.
Research Intern, Gap Year 2023-2024

“Working alongside Dr. Sethna in the Pediatric Nephrology department during my research gap year has been an incredibly transformative experience thus far. I was quickly immersed in ongoing studies, where I actively contributed to the exploration of various aspects of pediatric nephrology. The most rewarding moments were the interactions with patients—listening to their stories, understanding their health challenges, and being a part of their treatment journeys. These interactions provided invaluable insights into the practical facets of clinical care that no textbook could impart. As I took on the responsibility of managing treatment plans, I felt a profound growth in my ability to connect with patients and provide effective care. This experience ignited and nurtured my passion for pediatric care, solidifying my resolve to delve deeper into medical research.

Dr. Sethna's mentorship during my time as a research gap year intern was instrumental in shaping my perspective towards medicine and research. Her unwavering commitment to patient care and research excellence set an inspiring example. Under her mentorship, I found myself pushing academic boundaries, learning not just about medical practices but also about the compassion, dedication, and sacrifices that define this noble profession. This internship marked not just the end of my undergraduate studies but the foundation on which I aim to build my career in medicine—a foundation strengthened by the invaluable lessons, experiences, and values instilled by Dr. Sethna.”

M.A., Tufts University, Class of 2023.
Research Intern, Gap Year 2023-2024

2025 Summer Research Internship

Division of Pediatric Pulmonology and Cystic Fibrosis

Summer Clinical Research Internship in Pediatric Pulmonology and Cystic Fibrosis

Description: An 8-week program in clinical research related to pediatric pulmonology and Cystic Fibrosis in children and adolescents is offered by Cohen Children's Medical Center of New York, part of Northwell Health (formerly, the North Shore-Long Island Jewish Health System).

The Summer Research Internship offers 1-2 accomplished students the opportunity to work closely with a faculty mentor on one or more research projects related to pediatric pulmonology and Cystic Fibrosis. Current projects in the division include participation in an asthma education program (Project BREATHE), a retrospective multidisciplinary study on aerodigestive evaluation of patients with TE-fistula. Students will assist a faculty member in an ongoing research project and/or work collaboratively with the mentor in designing a new project of mutual interest. Most projects include retrospective chart reviews or database entry, but there will also be projects that may involve direct contact with patients.

While participating in the program, interns will have the opportunity to shadow in our clinics and on rounds. Research interns will also be encouraged to attend other lectures of interest available through the Division of Pediatrics at the Children's Hospital.

The internship is open to students who have completed at least two years of study from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to attend a doctoral program in medicine.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on one or more research abstracts submitted to national research meetings based on their participation in a research project. Students who are able to successfully write a manuscript for journal submission of their research findings will be identified as author of any paper submitted for publication.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time 8 week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take one or more unpaid days off as needed during their internship.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 70-75% of one's time, interns often welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures:
 - Attend noon conference lectures and grand rounds on general pediatrics topics

- ▶ Clinical Observation:
 - Shadow pediatric pulmonologists in the out-patient clinic, observe bronchoscopies and attend in-patient rounds
- ▶ Miscellaneous:
 - Assist with special projects and general office support

Testimonials from former interns:

“The summer I spent as a research intern with the Pediatric Pulmonology division at Cohen Children's Medical Center was truly formative for my career. Dr. Santiago and the rest of the doctors and staff I spent time with were kind, welcoming and so generous with their time. I realized that I loved the energy in the hospital, Dr. Santiago was so flexible and found ways for me to spend more time there. I know that when I apply for another clinical research position next summer, I will be an attractive candidate because I have written a research paper, interviewed patients, have experience with software that many researchers use, have applied for IRB approval, and have Dr. Santiago as a reference. Beyond that, shadowing Dr. Santiago and Hofstra residents on their rounds and in the OR assured me that I wanted to be a physician. I got a chance to see what lay ahead of me in my career and I am so thankful to everyone at Cohen Children's for that.” -- Elana Sanford

“The Summer Research Internship at Cohen Children's Medical Center is an outstanding experience. Dr. Santiago and her team are extremely friendly, enthusiastic and passionate about their field. Not only was I able to broaden my knowledge of clinical research, but I also had a unique glimpse into both inpatient and outpatient medicine. I had the opportunity to shadow various physicians, observe many procedures and see numerous patients with diverse medical histories... I was able to work on our research study through its many stages – from the original hypothesis, to data collection/analysis and, ultimately, to abstract completion and submission to the Pediatric Academic Society Meeting. Dr. Santiago is incredibly supportive, extremely knowledgeable about her field and a phenomenal mentor. The experience I had was unparalleled and I gained skills that I will undoubtedly utilize in my future career. I am honored to have had such a rewarding opportunity and I would highly recommend this internship.” -- Roxana Mehran

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the form [linked here \(https://forms.gle/KAtujfGkTST9GzWd9\)](https://forms.gle/KAtujfGkTST9GzWd9); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates may be invited to

interview by Zoom in mid-March (and possibly sooner). Notification of decisions will be made shortly thereafter.

For Further Information: The research internship is coordinated by Dr. Maria Santiago, Chief of the Division of Pediatric Pulmonary and Cystic Fibrosis Center. Questions regarding the internship or its application should be directed to Dr. Santiago at msantiag@northwell.edu with a subject line of “*Summer Internship Program*”.

Summer Research Internship

Pediatric Cardiology

Summer Clinical Research Internship in Pediatric Cardiology

Description: An 8-10 week internship program in clinical research related to congenital and acquired heart disease in children and adolescents is offered by Cohen Children's Medical Center of New York – the flagship children's hospital of Northwell Health.

The Summer Research Internship offers 1-2 accomplished students the opportunity to work closely with a faculty mentor on one or more research projects related to normal or abnormal childhood heart disease. Students will assist the faculty member in an ongoing research project and/or work collaboratively with the mentor in designing a new project of mutual interest. Most projects include literature review, retrospective chart reviews and data analyses. The student is expected to be an integral part of a team in designing and carrying out a research project. The expectation is to publish the co-authored completed research project in a peer-reviewed pediatric journal.

While participating in the program, interns will have the opportunity to shadow in our clinics and on rounds. Research interns will also be encouraged to attend other lectures of interest available through the Department of Pediatrics at the Children's Hospital.

The internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record, an interest in pediatric or adult cardiology, and aspires to attend a doctoral program in medicine.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on one or more research abstracts submitted to national research meetings. Students who are able to successfully write a manuscript for journal submission of their research findings will be identified as the first or second author of any paper submitted for publication.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time 8 week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take up to one week off in the middle of their internship as needed.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 70-80% of one's time, interns often welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures: 5 - 10% of time
 - Attend lectures related to pediatric cardiology (typically 1-2 / week)
 - Weekly patient management conference

- ▶ Clinical Observation: 5 - 10% of time
 - Shadow one or more pediatric cardiologist for new and follow-up patients.

- ▶ Miscellaneous: 5 - 10% of time
 - Assist with special quality improvement projects and general office support

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the Google form [linked here \(https://forms.gle/yMXwgDFpxA5AxFyo6\)](https://forms.gle/yMXwgDFpxA5AxFyo6); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will, on a rolling basis, be invited to interview by Zoom in February and early March. Notification of decisions will be made shortly thereafter.

For Further Information: The research internship is coordinated by Dr. Aparna Kulkarni, Associate Professor of Pediatrics at the Zucker School of Medicine at Hofstra/Northwell. Questions regarding the internship or application process may be directed to Dr. Kulkarni at AKulkarni@northwell.edu. Please use the subject line: “*Summer Internship Program*”.

Summer Research Internship

Pediatric Emergency Medicine

2025 Summer Clinical Research Internship in Pediatric Emergency Medicine

Description: A 6-8 week program in clinical research related to pediatric emergency medicine is offered by Cohen Children's Medical Center (CCMC) of New York.

The Pediatric Emergency Department at CCMC sees approximately 70,000 patients a year and is the busiest ER, transfer and trauma center in NYS.

The Summer Research Internship offers 1 accomplished student the opportunity to work closely with a faculty mentor on one or more research projects related to Pediatric Emergency Medicine. Current projects in the division include research on various forms of simulation education and their effectiveness on the acquired medical knowledge of residents, improving the time to antibiotics for patients presenting to the ED with an oncology diagnosis, and looking at low white blood cell counts in otherwise healthy children with viral illnesses and seeing if that increases their risk for bacterial infections, to name just a few. We have ongoing quality improvement-based research that evaluates the care we provide in the emergency department for our patients with sickle cell disease, cancer, asthma and fractures. Students will assist a faculty member in an ongoing research project and/or work collaboratively with the mentor in designing a new project of mutual interest. Most projects include retrospective chart reviews or database entry.

While participating in the program, interns will have the opportunity to shadow the medical team in the emergency department. They will have the opportunity to observe high and low acuity patients being taken care of in the busiest pediatric trauma center in all of NYS in addition to participating in weekly educational sessions.

The internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to attend a doctoral program in medicine.

Research Abstracts/Publications: It is hopeful that students may be included as co-investigators on one or more research abstracts submitted to national research meetings based on their participation in a research project.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time 6-8 week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take one or more unpaid days off as needed during their internship.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 70-75% of one's time, interns often welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures:
 - Participate in the pediatric emergency medicine's education sessions which occur weekly, as well as attend noon conference lectures and grand rounds on general pediatrics topics. In addition to personalized educational sessions with the division chief.

- ▶ Clinical Observation:
 - Shadow medical team in the pediatric emergency department

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the Google form [linked here](https://forms.gle/DVjZz4spNebiRLW89) (<https://forms.gle/DVjZz4spNebiRLW89>). The application will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will be invited to interview by Zoom in early March (and possibly sooner). Notification of decisions will be made shortly thereafter.

For Further Information: The research internship is coordinated by Dr. Joshua Rucker, Chief of the Division of Pediatric Emergency Medicine. Questions regarding the internship or its application should be directed to Dr. Joshua Rucker (jrocker@northwell.edu) with a subject line of "Summer Internship".

Summer Research Internship

Medical Genetics & Genomics

2025 Summer Clinical Research Internship

Division of Medical Genetics and Genomics

Description: A 6-10 week internship program in clinical research related to Medical Genetics and Genomics is offered by Cohen Children's Medical Center of New York – the flagship children's hospital of Northwell Health. This research internship program offers 1 – 2 accomplished students the opportunity to work closely with a clinical research team on one or more research projects related to Medical Genetics and Genomics. Most projects include retrospective chart reviews and/or clinical trials that may involve direct contact with patients. Current research includes projects related to rare genetic diagnoses like Gaucher disease, Pompe disease, Fabry disease, Waardenburg syndrome, Cornelia de Lange syndrome, RNU4-2 syndrome, CHOPS syndrome, Pallister-Killian syndrome and others as well as common congenital diagnoses involving hearing loss and diaphragmatic hernia. Future research projects may also include using the Northwell Health Biorepository to answer scientific questions and conducting quality improvement projects like the use of artificial intelligence by geneticists and genetic counselors.

This internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to pursue further education in a health-related field (MD, PhD, MD/PhD, PA, NP, CGC, etc.) in the future. Although it is strongly recommended that students have prior research experience and an area of study related to biological sciences, any student who has excelled in academics and is interested in the field of genetics is encouraged to apply.

Research Abstracts/Publications: It is anticipated that students will be included as coinvestigators on a research abstract submitted to national research meetings. Students who are able to successfully contribute to a manuscript for journal submission of the research findings will be identified as a co-author of any paper submitted for publication.

Program Dates: Start and completion dates for the summer internship are flexible. Priority will be given to applicants prepared to make at least a full-time 6-10 week commitment. Research interns are allowed one or more days off as needed during their internship.

Other Activities/Expectations/Opportunities: Although the primary focus of the internship is clinical research, interns will have the opportunity to attend clinical lectures of interest available through the Division of Medical Genetics and Genomics which occur weekly. There may also be opportunities for shadowing clinicians and networking with healthcare professionals. Interns may be asked to assist with other academic or administrative tasks.

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the Google form [linked here \(https://forms.gle/pm2DYtNH8WRDTuZp9\)](https://forms.gle/pm2DYtNH8WRDTuZp9); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2nd, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will, on a rolling basis, be invited to interview by Zoom in February and early March. Notification of decisions will be made shortly thereafter.

For Further Information: The research internship is coordinated by Dr. Ian Krantz, Professor of Pediatrics at the Zucker School of Medicine at Hofstra/Northwell. Questions regarding the internship or application process may be directed to Kevin Carratu (kcarratu@northwell.edu). Please use the subject line: “*Summer Internship Program*”.

Summer Research Internship

Pediatric Anesthesia

2025 Summer Clinical Research Internship

Division of Pediatric Anesthesia

Description: A 10-week internship program in clinical research related to Pediatric Anesthesia is offered by Cohen Children's Medical Center of New York – the flagship children's hospital of Northwell Health.

This research internship program offers 1 accomplished student the opportunity to work closely with a clinical research team on one or more research projects related to Pediatric Anesthesia. Most projects include retrospective chart reviews and/or clinical trials that may involve direct contact with patients. Examples of publications by clinical faculty within the Division may be viewed here: [Michelle Kars, MD](#)

This internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to pursue further education in a health-related field (MD, PhD, MD/PhD) in the future. Although it is strongly recommended that students have prior research experience and an area of study related to biological sciences, any student who has excelled in academics and is interested in the field of Pediatric Anesthesia (including Pain Management) is encouraged to apply.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on a research abstract submitted to national research meetings. Students who are able to successfully contribute to a manuscript for journal submission of the research findings will be identified as a co-author of any paper submitted for publication.

Program Dates: Start and completion dates for the summer internship are flexible. Priority will be given to applicants prepared to make at least a full-time, 10-week commitment. Research interns are allowed one or more days off as needed during their summer internship.

Other Activities/Expectations/Opportunities: Although the primary focus of the internship is clinical research, interns will have the opportunity to attend clinical lectures of interest available through the Division of Pediatric Anesthesia which occur weekly. There may also be opportunities for shadowing clinicians and networking with healthcare professionals. Interns may be asked to assist with other academic or administrative tasks.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time, 10-week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take up to one week off in the middle of their internship as needed.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is clinical research and writing, and it is expected that this will comprise 70-80% of one's time, interns often

welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures: 5 - 10% of time
 - Attend lectures related to pediatric anesthesia (typically 2 per week)
 - Prepare and present 1-2 talks to Division's professional staff

- ▶ Clinical Observation: 5 - 10% of time
 - Shadow one or more pediatric anesthesiologists for new and follow-up patients.
 - Opportunities exist for research interns to shadow other pediatric specialists (e.g., pediatric cardiology, endocrinology) as well.

- ▶ Miscellaneous: 5 - 10% of time
 - Assist with special projects and general office support

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the form linked [here](https://forms.gle/y4wg4VJgtLVCVAHZA) (<https://forms.gle/y4wg4VJgtLVCVAHZA>); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will be invited to interview by Zoom or Teams on a rolling basis in February and early March. Notification of decisions will be made shortly thereafter.

For Additional Information: The research internship is coordinated by Dr. Michelle Kars, Division Chief of Pediatric Anesthesiology at Cohen Children's Medical Center and Andrea Ruggiero, Senior Clinical Manager of Research for the Department of Anesthesiology. Questions regarding the internship or its application may be directed to Andrea Ruggiero: aruggiero3@northwell.edu via e-mail with the Subject: Summer Internship.

Summer Research Internship

Pediatric Otolaryngology (ENT)

2025 Summer Clinical Research Internship

Division of Pediatric Otolaryngology (ENT)

Description: A 6-10 week internship program in clinical research related to Pediatric Otolaryngology, often referred to as pediatric ENT (ear, nose and throat), is offered by Cohen Children's Medical Center of New York – the flagship children's hospital of Northwell Health.

Pediatric otolaryngology is the medical specialty concerned with diseases and disorders of the ears, nose, throat, head and neck, which are among some of the most common conditions affecting children. Pediatric otolaryngologists, or pediatric ENT specialists, are trained as medical doctors and as surgeons. The critical craniofacial areas treated by ENT specialists include the sinuses, larynx (voice box), esophagus, oral cavity and upper pharynx (mouth and throat) and related structures of the head and neck. Pediatric ENT specialists also manage and treat developmental disorders and birth defects of the head and neck.

This research internship program offers one accomplished student the opportunity to work closely with a clinical research team on one or more research projects related to Pediatric Otolaryngology. Most projects include retrospective chart reviews and/or clinical trials that may involve direct contact with patients. There may be some technology related projects as well in both education and clinical applications.

This internship is open to students who have completed at least one year of study from any U.S. college or university. The ideal candidate is a student with a strong academic record and aspires to pursue further education in a health-related field (MD, PhD, MD/PhD) in the future. Although it is strongly recommended that students have prior research experience and an area of study related to biological sciences, any student who has excelled in academics and is interested in the field of Pediatric Otolaryngology is encouraged to apply.

Research Abstracts/Publications: It is anticipated that students will be included as co-investigators on a research abstract submitted to national research meetings. Students who are able to successfully contribute to a manuscript for journal submission of the research findings will be identified as a co-author of any paper submitted for publication.

Program Dates: Start and completion dates for the summer internship are flexible. Priority will be given to applicants prepared to make at least a full-time 6-10 week commitment. Research interns are allowed one or more days off as needed during their summer internship.

Other Activities/Expectations/Opportunities: Although the primary focus of the internship is clinical research, interns will have the opportunity to attend clinical lectures of interest available through the Division of Pediatric Otolaryngology which occur weekly. Interns may be asked to assist with other academic or administrative tasks.

Summer Program Dates: Start and completion dates for the summer internship are somewhat flexible. Although priority will be given to applicants prepared to make at least a full-time 8 week commitment or longer, other time schedule arrangements will be considered. With advance notice, research interns may take up to one week off in the middle of their internship as needed.

Other Activities/ Expectations/Opportunities: Although the primary focus of the internship is research and writing, and it is expected that this will comprise 70-80% of one's time, interns often welcome the opportunity to engage in other academic or clinical activities. A breakdown of these educational, clinical, and administrative support functions follows:

- ▶ Lectures: 5 - 10% of time
 - Attend lectures related to pediatric otolaryngology (typically 2 per week)
 - Prepare and present 1-2 talks to Division's professional staff

- ▶ Clinical Observation: 5 - 10% of time
 - Shadow one or more pediatric ENT's for new and follow-up patients.
 - Opportunities exist for research interns to shadow other pediatric specialists (e.g., pediatric cardiology, endocrinology) as well.

- ▶ Miscellaneous: 5 - 10% of time
 - Assist with special projects and general office support

Stipend: This is an unpaid internship.

To Apply: You must submit a completed application through the form [linked here](https://forms.gle/XDNUDJHxtMbQZZyc9) (<https://forms.gle/XDNUDJHxtMbQZZyc9>); this application (a Google form) will also ask you to attach a CV or résumé, an unofficial transcript, and a recent photograph.

Application Process & Deadline: The submittal deadline is Sunday, March 2, 2025 at 11:59 PM (EST); all materials must be received by that date/time. Applicants are strongly encouraged to submit their application as early as possible. The most promising candidates will be invited to interview by Zoom or Teams on a rolling basis in February and early March. Notification of decisions will be made shortly thereafter.

For Additional Information: The research internship is coordinated by Dr. Eric Gantwerker and Dr. Patrick Scheffler from the Division of Pediatric Otolaryngology. Questions regarding the internship or its application may be directed to them via e-mail (EGantwerker@northwell.edu or PScheffler@northwell.edu) with the Subject: "Summer Internship".