



JOHNS HOPKINS  
CHILDREN'S CENTER

presents

# 48<sup>th</sup> Annual Pediatric Trends

May 10–13, 2022

INTERNET LIVE CONFERENCE



This activity has been approved for *AMA PRA Category I Credits™*.



JOHNS HOPKINS  
MEDICINE

# 48<sup>th</sup> Annual Pediatric Trends

## DESCRIPTION

Pediatric medicine is evolving on a daily basis and it can be difficult for a general pediatric practitioner to remain up-to-date on new standards of care, therapies, and medications. The goal of this course is to fulfill the need in the practicing pediatric community to increase and improve competence in the field of pediatric medicine and to integrate best practices based on evidence-based medicine and current research. Dr. Ngo reached out to Division leaders to discuss potential topics related to their subspecialty that may be of particular interest to the general pediatric practitioner. This will assist in closing the gap between community and academic medicine. Reasons to refer to a tertiary care center will also be discussed.

## WHO SHOULD ATTEND

This activity is intended for pediatricians, general practitioners, nurse practitioners, PAs, pediatric subspecialists, pediatric residents, pediatric subspecialty fellows, family practitioners and other allied health professionals interested in the care of infants, children and adolescents.

## OBJECTIVES

After attending this activity, the learner will demonstrate the ability to:

- Review epidemiology of SARS-COV-2 and COVID-19 in children.
- Gain familiarity with the indications for leukemia treatment with CAR-T cells.
- Recall new recommendations for food introduction and allergy prevention.
- Discuss the 2021 AAP updates to the evaluation and management of well-appearing febrile infants.
- Explain the diagnosis of substance use disorders in adolescents and young adults.
- Employ strategies for treatment of substance use disorders in adolescents and young adults.
- Identify which patients should be referred for an MIS-C work-up.
- Identify complications of, and treatment options, for MIS-C.
- Recognize the presentation for Type 1 Diabetes and understand treatment options.
- Review current recommendations for COVID-19 vaccination in children.
- Explain the evaluation and management of pancreatitis in children.

## ACCREDITATION STATEMENT

The Johns Hopkins University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



## CREDIT DESIGNATION STATEMENT

The Johns Hopkins University School of Medicine designates this live activity for a maximum of 27 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## MAINTENANCE OF CERTIFICATION

### American Board of Pediatrics (ABP)

Completion of this activity and associated assessment enables the participant to earn 27 ABP MOC Part 2 points.

## OTHER CREDITS

Application for CME credit has been filed with the **American Academy of Family Physicians**. Determination of credit is pending.

**American Nurses Credentialing Center (ANCC)** accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by the ACCME.

**American Academy of Nurse Practitioners National Certification Program** accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by the ACCME.

### National Commission on Certification of Physician Assistants (NCCPA)

PAs may claim a maximum of 27 Category 1 credits for completing this activity. NCCPA accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by ACCME or a recognized state medical society.

The Johns Hopkins University has approved this activity for **27 contact hours for non-physicians**.

## POLICY ON PRESENTER AND PROVIDER DISCLOSURE

It is the policy of the Johns Hopkins School of Medicine that the presenter and provider globally disclose conflicts of interest. The Johns Hopkins School of Medicine OCME has established policies that will identify and resolve conflicts of interest prior to this educational activity. Detailed disclosure will be made prior to presentation of the education.

# General Information

## REGISTRATION AND FEES

May 10, 2022

8:30–9:00 a.m. EST - Sign into Zoom

### Register Online:

[hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478](https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478)

**Methods of Payment:** We require full payment prior to the start of the activity.

Physicians.....\$500

Nurses/NPs/PAs/Allied Health Professionals.....\$425

Residents/Fellows/Students.....\$35

You will receive a confirmation by e-mail. If you have not received it by **May 4, 2022**, call (410) 502-9636 to confirm that you are registered. A transcript of attendance will be available upon attestation of your credit hours and submission of the post activity online evaluation.

The Johns Hopkins University reserves the right to cancel or postpone any activity due to unforeseen circumstances. In this event, the University will refund the registration fee.

## LATE FEE AND REFUND POLICY

A \$25 late fee applies to registrations received after 5:00 p.m. EST on **May 4, 2022**. A handling fee of \$25 will be deducted for cancellation. Refund requests must be received by fax or mail by **May 4, 2022**. No refunds will be made thereafter. Transfer of registration to another Johns Hopkins activity in lieu of cancellation is not possible.

## SYLLABUS AND LOG IN INFORMATION

The syllabus and Zoom Webinar link will be accessible online and via your mobile device in the CloudCME App one week prior to the activity start date. To access, please visit our website.

### CME Website:

<https://hopkinscme.cloud-cme.com>

(Sign In, Click My CME tab, Click Syllabus)

## INTERNET CME POLICY

The Office of Continuing Medical Education (OCME) at the Johns Hopkins School of Medicine is committed to protecting the privacy of its members and customers. Johns Hopkins School of Medicine OCME maintains its internet site as an information resource and service for physicians, other health professionals and the public. OCME at the Johns Hopkins School of Medicine will keep your personal and credit information confidential when you participate in a CME Internet based program. Your information will never be given to anyone outside of the Johns Hopkins School of Medicine CME program. CME collects only the information necessary to provide you with the services that you request.

## COPYRIGHT

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## HARDWARE/SOFTWARE REQUIREMENTS

Internet connection.

## HOW TO OBTAIN CREDIT

Post activity, an online evaluation will be available to attendees to evaluate the activity and individual presentations and to identify future educational needs. Upon completion of the evaluation, the learner must attest to the number of hours in attendance. Credits earned will be added to the learner's transcript and immediately available for print.

**The last day to access the evaluation and attest to your credits is June 27, 2022.**

An outcome survey will be sent to all physician attendees within two months post activity to assist us in determining what impact this activity had on the learner's practice.

## AMERICANS WITH DISABILITIES ACT

The Johns Hopkins School of Medicine fully complies with the legal requirements of the ADA and the rules and regulations thereof. *Please notify us if you have any special needs.*

## COMMERCIAL SUPPORT

The Johns Hopkins School of Medicine did not solicit or receive commercial funding from any commercial entity, including pharmaceutical and medical device manufacturers, for this activity.

### TO REGISTER OR FOR FURTHER INFORMATION

#### Register Online:

[hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478](https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478)

Register by Phone.....(410) 502-9636

Register by Fax.....(866) 510-7088

Confirmation/Certificates/

Transcripts.....(410) 502-9636

General Information .....(410) 955-2959

E-mail the Office of CME .....cmenet@jhmi.edu

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Organization Code: **HopkinsCME**

For website and CloudCME mobile app technical difficulties, email: [cmetsupport@jhmi.edu](mailto:cmetsupport@jhmi.edu)

For general information, please visit the activity webpage

[hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478](https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478)

# Program

## TUESDAY, MAY 10, 2022

Please note all times are in Eastern Standard Time.

- 8:30 – 9:00 **Sign into Zoom**
- 9:00 – 9:15 **Welcome from Pediatric Director**  
Margaret Moon, MD, MPH
- Conference Goals**  
Thuy Ngo, DO, MEd
- 9:15 – 10:45 **Pediatric Pulmonology**  
*Moderator:* Peter Mogayzel, MD, PhD, MBA
- Cystic Fibrosis: Updates in Management**  
Shruti Paranjape, MD
- Sleep and Obesity in Children**  
Cecilia Melendres, MD
- 10:45 – 12:15 **Pediatric Neurology**  
*Moderator:* Carl Stafstrom, MD, PhD
- Ethical Concerns in Pediatric Neurology**  
April Sharp, MD
- Update on the Management of Pediatric Headaches**  
Amanda Wood, CRNP, MSN
- 12:15 – 12:45 Lunch Break
- 12:45 – 1:30 **Genetic Medicine**  
*Moderator:* Ada Hamosh, MD, MPH
- Inborn Errors of Metabolism and Newborn Screening**  
Gerald Raymond, MD
- Approach to the Child with Intellectual Disability**  
Carolyn Applegate, MGC, CGC
- Approach to the Child with Short Stature**  
Julie Hoover-Fong, MD, PhD
- 1:30 – 3:00 **General Pediatric Surgery**  
*Moderator:* David Hackam, MD, PhD
- Acute Management of Burns in Children**  
Alejandro Garcia, MD
- Common Office and Emergency Department Pediatric Surgical Conditions and How to Handle Them**  
Erica Hodgman, MD
- 3:00 – 4:30 **Pediatric Emergency Medicine**  
*Moderator:* Leticia Ryan, MD, MPH
- Optimizing the Evaluation and Management of Well-Appearing Febrile Infants**  
Mary Beth Howard, MD, MS, MSc
- MIS-C: Risk Factors, Evaluation and Management**  
Oluwakemi Badaki, MD, PhD
- 4:30 – 4:45 Break

4:45 – 6:15

## Neonatology

*Moderator:* W. Christopher Golden, MD

### Growth and Nutrition for Preterm Infants after NICU Discharge

Jennifer Fundora, MD

### Dissecting a NICU Discharge Summary: An Assessment of Neurodevelopmental Risk

Brittany Schwarz, MD

## WEDNESDAY, MAY 11, 2022

Please note all times are in Eastern Standard Time.

- 8:30 – 9:00 **Sign into Zoom**
- 9:00 – 9:15 **Welcome and Conference Goals**  
Thuy Ngo, DO, MEd
- 9:15 – 10:45 **Pediatric Allergy and Immunology and Rheumatology**  
*Moderator:* Robert Wood, MD
- To ANA or not to ANA? What's New in Pediatric Rheumatology**  
Julia Shalen, MD
- Hot Topics in Pediatric Allergy**  
Jennifer Dantzer, MD, MHS
- 10:45 – 12:15 **Pediatric Hematology**  
*Moderator:* James Casella, MD
- Three Cases of Severe Anemia – Case Presentations and Discussions**  
Courtney Lawrence, MD, MS  
Matthew Merguerian, MD, PhD  
Emily Rao, MA, MD  
*Fellows:* Ruyan Rahnama-Hazaveh, MD;  
Lindy Zhang, MD; Erin Resch, MD
- 12:15 – 12:45 Lunch Break
- 12:45 – 2:15 **Child and Adolescent Psychiatry**  
*Moderator:* John Campo, MD
- Evidence-Based Care for Pediatric OCD and Anxiety Disorders**  
Joseph McGuire, PhD
- Management of Pediatric Functional Somatic Symptoms**  
John Campo, MD
- 2:15 – 3:45 **Pediatric Gastroenterology**  
*Moderator:* Kenneth Ng, DO
- Functional Abdominal Pain**  
Shaija Kutty, MBBS
- Evaluation and Management of Pediatric Pancreatitis**  
Kenneth Ng, DO
- 3:45 – 4:00 Break
- 4:00 – 5:30 **Pediatric Dermatology**  
*Moderator:* Anna Grossberg, MD
- Hot Topics in Dermatology**  
Anna Grossberg, MD

# Program

## THURSDAY, MAY 12, 2022

Please note all times are in Eastern Standard Time.

- 8:30 – 9:00 **Sign into Zoom**
- 9:00 – 9:15 **Welcome and Conference Goals**  
Thuy Ngo, DO, MEd
- 9:15 – 10:45 **Pediatric Nephrology**  
*Moderator:* Jeffrey Fadrowski, MD, MHS  
**A “Nephrology Problem”...Now What? A Case-Based Discussion of Nephrology Problems Commonly Presenting to Pediatricians**  
Cozumel Pruette, MD, MHS, MS  
Jeffrey Fadrowski, MD, MHS
- 10:45 – 12:15 **Pediatric Infectious Diseases**  
*Moderator:* Deborah Persaud, MD  
**COVID-19 in Children**  
Aaron Milstone, MD, MHS  
**Update on COVID-19 Vaccines in Children**  
Kawsar Talaat, MD
- 12:15 – 12:45 Lunch Break
- 12:45 – 1:30 **Pediatric Endocrinology**  
*Moderator:* Sheela Magge, MD, MSCE  
**Recent Advances in Management and Technologies for Pediatric Type 1 Diabetes**  
Risa Wolf, MD
- 1:30 – 3:00 **Pediatric Oncology**  
*Moderator:* Donald Small, MD, PhD  
**CAR-T Cells as Leukemia Treatment**  
Challice Bonifant, MD, PhD  
**Immunotherapeutic Approaches for the Treatment of Solid Tumors**  
Nicolas Llosa, MD
- 3:00 – 5:00 **Interesting Cases with Pediatric Residents**  
*Moderators:* Brittany Badesch, MD,  
Brittany Hunter, MD and Samuel McAleese, MD

## FRIDAY, MAY 13, 2022

Please note all times are in Eastern Standard Time.

- 8:30 – 9:00 **Sign into Zoom**
- 9:00 – 9:15 **Welcome and Conference Goals**  
Thuy Ngo, DO, MEd
- 9:15 – 10:45 **Adolescent/Young Adult Medicine**  
*Moderator:* Maria Trent, MD, MPH  
**Management of Substance Use Disorders in Adolescents and Young Adult**  
Rachel Alinsky, MD, MPH  
**Care of Sexual and Gender Minority Youth**  
Renata Sanders, MD, MPH, ScM
- 10:45 – 12:15 **Pediatric Cardiology**  
*Moderator:* Shelby Kutty, MD, MS, PhD  
**Evaluation of Pediatric Heart Murmurs**  
Rukmalee Vithana, MD  
**Common Lesions Treated in the Cath Lab**  
John Thompson, MBBS, PhD
- 12:15 Adjourn

You will receive an email notification to complete the evaluation form and to attest to the number of hours in attendance.

# Faculty

## ACTIVITY DIRECTOR

**Thuy Ngo, DO, MEd**  
Assistant Professor  
Division of Pediatric Emergency Medicine

## JOHNS HOPKINS SPEAKERS

### ADOLESCENT/YOUNG ADULT MEDICINE

**Rachel Alinsky, MD, MPH**  
Assistant Professor  
Division of Adolescent/Young Adult Medicine

**Renata Sanders, MD, MPH, ScM**  
Associate Professor  
Division of Adolescent/Young Adult Medicine

**Maria Trent, MD, MPH**  
Professor  
Chief, Division of Adolescent/Young Adult Medicine

### CHILD AND ADOLESCENT PSYCHIATRY

**John Campo, MD**  
Professor (PAR)  
Director, Division of Child and Adolescent Psychiatry

**Joseph McGuire, PhD**  
Associate Professor  
Department of Psychiatry and Behavioral Sciences

## GENERAL PEDIATRIC SURGERY

**Alejandro Garcia, MD**  
Assistant Professor  
Division of General Pediatric Surgery

**David Hackam, MD, PhD**  
Professor  
Director, Division of General Pediatric Surgery

**Erica Hodgman, MD**  
Assistant Professor  
Division of General Pediatric Surgery

## GENETIC MEDICINE

**Carolyn Applegate, MGC, CGC**  
Genetic Counselor Manager  
Department of Genetic Medicine

**Ada Hamosh, MD, MPH**  
Dr. Frank V. Sutland Professor  
Department of Genetic Medicine

**Julie Hoover-Fong, MD, PhD**  
Professor  
Department of Genetic Medicine

**Gerald Raymond, MD**  
Professor  
Departments of Genetic Medicine and Neurology

## NEONATOLOGY

**Jennifer Fundora, MD**  
Assistant Professor  
Division of Neonatology

**W. Christopher Golden, MD**  
Associate Professor  
Division of Neonatology

**Brittany Schwarz, MD**  
Assistant Professor  
Division of Neonatology

## PEDIATRIC ALLERGY AND IMMUNOLOGY AND RHEUMATOLOGY

**Jennifer Dantzer, MD, MHS**  
Assistant Professor  
Division of Pediatric Allergy and Immunology

**Julia Shalen, MD**  
Assistant Professor  
Division of Pediatric Rheumatology

**Robert Wood, MD**  
Professor  
Director, Division of Pediatric Allergy and Immunology

## PEDIATRIC CARDIOLOGY

**Shelby Kutty, MD, PhD, MHCM**  
Professor  
Director, Division of Pediatric Cardiology

**John Thompson, MBBS, PhD**  
Professor (PAR)  
Division of Pediatric Cardiology

**Rukmalee Vithana, MD**  
Assistant Professor  
Division of Pediatric Cardiology

## PEDIATRIC DERMATOLOGY

**Anna Grossberg, MD**  
Assistant Professor  
Director, Division of Pediatric Dermatology

## PEDIATRIC EMERGENCY MEDICINE

**Oluwakemi Badaki, MD, PhD**  
Assistant Professor  
Division of Pediatric Emergency Medicine

**Mary Beth Howard, MD, MS, MSc**  
Assistant Professor  
Division of Pediatric Emergency Medicine

**Leticia Ryan, MD, MPH**  
Associate Professor  
Director, Division of Pediatric Emergency Medicine

## PEDIATRIC ENDOCRINOLOGY

**Sheela Magge, MD, MSCE**  
Associate Professor  
Director, Division of Pediatric Endocrinology

**Risa Wolf, MD**  
Assistant Professor  
Division of Pediatric Endocrinology

## PEDIATRIC HEMATOLOGY

**James Casella, MD**  
Professor  
Chief, Division of Pediatric Hematology

**Courtney Lawrence, MD, MS**  
Assistant Professor  
Division of Pediatric Hematology

**Matthew Merguerian, MD, PhD**  
Instructor  
Division of Pediatric Hematology

**Ruyan Rahnema-Hazaveh, MD**  
Fellow  
Pediatric Hematology/Oncology

**Emily Rao, MD, MA**  
Assistant Professor  
Division of Pediatric Hematology

**Erin Resch, MD**  
Fellow  
Pediatric Hematology/Oncology

**Lindy Zhang, MD**  
Fellow  
Pediatric Hematology/Oncology



# Faculty

## PEDIATRIC GASTROENTEROLOGY

### **Kenneth Ng, DO**

Assistant Professor  
Division of Pediatric Gastroenterology

### **Shaija Kutty, MBBS**

Assistant Professor  
Division of Pediatric Gastroenterology

## PEDIATRIC INFECTIOUS DISEASES

### **Aaron Milstone, MD, MHS**

Professor  
Division of Pediatric Infectious Diseases

### **Deborah Persaud, MD**

Professor  
Interim Director, Division of Pediatric Infectious Diseases

### **Kawsar Talaat, MD**

Associate Professor  
Department of International Health  
Johns Hopkins Bloomberg School of Public Health

## PEDIATRIC NEPHROLOGY

### **Jeffrey Fadrowski, MD, MHS**

Associate Professor  
Division of Pediatric Nephrology

### **Cozumel Pruetter, MD, MHS, MS**

Assistant Professor  
Division of Pediatric Nephrology

## PEDIATRIC NEUROLOGY

### **Carl Stafstrom, MD, PhD**

Professor  
Director, Division of Pediatric Neurology

### **April Sharp, MD**

Assistant Professor  
Division of Pediatric Neurology

### **Amanda Wood, CRNP, MSN**

Nurse Practitioner  
Division of Pediatric Neurology

## PEDIATRIC PULMONOLOGY

### **Cecilia Melendres, MD**

Assistant Professor  
Division of Pediatric Pulmonary Medicine

### **Peter Mogayzel, MD, PhD, MBA**

Professor  
Director, Division of Pediatric Pulmonary Medicine

### **Shruti Paranjape, MD**

Assistant Professor  
Division of Pediatric Pulmonary Medicine

## PEDIATRIC ONCOLOGY

### **Chalice Bonifant, MD, PhD**

Assistant Professor  
Division of Pediatric Oncology

### **Nicolas Llosa, MD**

Assistant Professor  
Division of Pediatric Oncology

### **Donald Small, MD, PhD**

Professor  
Director, Division of Pediatric Oncology

## PEDIATRIC CHIEF RESIDENTS

### **Brittany Badesch, MD**

Chief Resident  
Department of Pediatrics

### **Brittany Hunter, MD**

Chief Resident  
Department of Pediatrics

### **Samuel McAleese, MD**

Chief Resident  
Department of Pediatrics

## PEDIATRIC RESIDENTS

### **Carly Blatt, MD**

### **Kevin Crow, MD, MS**

### **Hannah Edelman, MD, PhD**

### **Elizabeth Lee, MD**

### **Maneesha Sakhuja, MD, MHS**

### **Nate Silvestri, MD**

### **Will Squiers, MD**

### **Daniel Sylvester, MD**

COURSE NUMBER 80056844 / 38478

## 48<sup>th</sup> Annual Pediatric Trends

May 10-13, 2022



**REGISTER ONLINE:** [hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478](https://hopkinscme.cloud-cme.com/course/courseoverview?P=0&EID=38478)

### REGISTRATION FEES:

|  |       |
|--|-------|
| Physicians .....                                 | \$500 |
| Nurses/NPs/PAs/Allied Health Professionals ..... | \$425 |
| Residents/Fellows/Students .....                 | \$35  |

The registration fee includes instructional materials. For registrations received after 5:00 p.m. EST on **May 4, 2022**, include a \$25 late fee.