

**21st Annual**  
**St. Jude/PIDS Pediatric Infectious Diseases Conference**  
 Symposia in Pediatric ID Research, Transplant Infectious Diseases,  
 Career Development, and Global Health  
 March 3-5, 2022 (all times Central Time)

<b>Wednesday, March 2</b>	<b>Meet the Experts – VIRTUALLY (Nonaccredited)</b>
<b>10:00 – 10:45 AM</b>	<p><b>How to Develop Scholarship in Infectious Diseases in Immunocompromised Hosts</b></p> <p>Moderator: <b>Hayley Gans, MD, FAAP, FPIDS, FIDSA</b> – Stanford University Medical Center</p> <p><b>Betsy Herold, MD</b> – Albert Einstein College of Medicine</p> <p><b>Hamid Bassiri, MD, PhD</b> – University of Pennsylvania Perelman School of Medicine; Children’s Hospital of Philadelphia</p>
<b>11:00 – 11:45 AM</b>	<p><b>Advanced Practice Provider Roles in Pediatric Transplant and Immunocompromised Hosts ID</b></p> <p>Moderator: <b>Tanvi Sharma, MD, MPH, FPIDS</b> – Boston Children’s Hospital</p> <p><b>Katelyn Leake, CPNP</b> – Boston Children’s Hospital  <b>Elizabeth Marini, CPNP</b> – Boston Children’s Hospital  <b>Jacque Toia, DNP</b> – Lurie Children’s Hospital  <b>Krystal Kohlman, PA-C</b> – Stanford Children’s Hospital  <b>Kira Kuhn, CPNP</b> – Children’s Hospital of Philadelphia</p>
<b>12:00 – 12:45 PM</b>	<p><b>The Role of Infection Prevention and Control in Immunocompromised Hosts</b></p> <p>Moderator: <b>Inci Yildirim, MD, PhD, MSc</b> – Yale School of Medicine</p> <p><b>Ana M Vaughan-Malloy, MD, MPH</b> – Boston Children’s Hospital    Harvard Medical School</p> <p><b>Benjamin Hanisch, MD</b> – Children’s National Medical Center</p>



<p><b>9:00 - 9:45 AM</b> <b>(35 min + 10 Q&amp;A)</b></p>	<p><b>Platform Presentation 1:</b></p> <p><b>Virus-specific T Cells Post Transplant</b> <b>Catherine Bollard, M.D., FRACP, FRCPA</b> Bosworth Chair for Cancer Biology Director, Center for Cancer and Immunology Research Professor of Pediatrics and Microbiology, Immunology and Tropical Medicine Children’s National Hospital The George Washington University, School of Medicine and Health Sciences</p>
<p><b>9:45 - 10:00 AM</b> <b>(10 + 5 min Q&amp;A)</b></p>	<p><b>Oral Abstract 1:</b></p> <p><b>Hailey Skonhovd Ross – St. Jude Children’s Research Hospital</b> <i>Morbidity and Mortality Associated with Respiratory Syncytial Virus (RSV) Among Pediatric Hematopoietic Cell (HCT) and Solid Organ Transplant (SOT) Recipients: Preliminary Results from a Multi-Site U.S. Study</i></p>
<p><b>10:00-10:15AM</b></p>	<p><b>BREAK</b></p>
<p><b>10:15-11:00AM</b> <b>(35 min + 10 Q&amp;A)</b></p>	<p><b>Platform Presentation 2:</b></p> <p><b>Phage Therapy for MDRO and Mycobacteria in Transplant Candidate and Recipients</b> <b>Saima Aslam, MBBS, MS</b> Director, Solid Organ Transplant Infectious Diseases Service Associate Professor, Medicine, University of California San Diego Health</p>
<p><b>11:00-11:25AM</b></p>	<p><b>Research Update 2:</b></p> <p><b>PIDS/St Jude Transplant ID Research Working Group Updates:</b> <b>Kevin Downes, MD</b> Assistant Professor of Pediatrics Children’s Hospital of Philadelphia</p>
<p><b>11:25-12:05PM</b> <b>(25 min + 10 Q&amp;A)</b></p>	<p><b>Platform Presentation 3:</b></p> <p><b>COVID in Pediatric Immunocompromised Host</b> <b>Inci Yildirim, MD, PhD, MSc</b> Medical Director, Pediatric Transplant Infectious Diseases Associate Professor of Pediatrics (Infectious Diseases and Global Health) Yale School of Medicine Associate Professor of Epidemiology of Microbial Disease</p>

	Yale School of Public Health Yale Institute of Global Health
<b>12:05-12:35PM</b>	<b>LUNCH BREAK</b>
<b>12:35– 2:05 PM</b>	<p><b>Case Conferences – Cases in Immunocompromised Hosts</b></p> <p><b>Moderators:</b></p> <p><b>Bill Muller, MD, PhD</b> – Northwestern University Feinberg School of Medicine</p> <p><b>Benjamin Hanisch, MD</b> – Children’s National</p> <p><b>Nicholas Geagan, MD</b> – Children’s National Hospital <i>Small but Mighty</i></p> <p><b>Elizabeth Christian, MD</b> – Boston Children’s Hospital <i>A Red Herring</i></p> <p><b>Lauren Kushner, MD</b> – Stanford University Medical Center <i>Don’t Rely on the Gram Stain: Fatal Hyperammonemia Syndrome in Two Immunocompromised Pediatric Patients</i></p> <p><b>Hannah Bahakel, MD</b> – Cincinnati Children’s Hospital Medical Center <i>You Give Me Fever</i></p> <p><b>Brianna Ter Haar, MD</b> – Duke University School of Medicine <i>Infectious Complications of HSCT Therapeutics</i></p> <p><b>Michel Mata, MD</b> – Hospital Infantil de Mexico <i>An Uncommon Agent Involved in Soft Tissue Infection in a Child with Leukemia</i></p>
<b>2:05-2:15PM</b>	<b>BREAK</b>
<b>2:15-2:30PM</b> <b>(10 + 5 min Q&amp;A)</b>	<p><b>Oral Abstract 2</b></p> <p><b>Chris Severyn, MD, PhD</b> – Stanford University <i>Gut Decontamination, the Microbiome, and the Risk of Bloodstream Infections During Pediatric Allogeneic Hematopoietic Cell Transplantation</i></p>
<b>2:30-3:10pm</b>	<p><b>Interactive Session: Jeopardy</b></p> <p><b>Moderator: Hamid Bassiri, MD, PHD</b> University of Pennsylvania Perelman School of Medicine</p>

<p><b>3:15 – 4:00PM</b></p>	<p><b>Platform Presentation 4:</b></p> <p><b>Overview of Transplant Immunology</b>  <b>Sandy Feng, MD PhD</b>  Professor of Surgery, Division of Transplant Surgery  Vice Chair of Research  Department of Surgery  University of California San Francisco</p>
<p><b>4:00 - 4:30 PM</b></p>	<p><b>BREAK</b></p>
<p><b>4:30 – 5:30 PM</b></p>	<p><b>Poster Session: Transplant and Research (Nonaccredited)</b>  The Transplant and Research Poster Sessions will run simultaneously.</p> <p><b><u>TRANSPLANT POSTERS</u></b></p> <p><b>Moderators:</b>  <b>Mike Green, MD, MPH</b> – University of Pittsburgh School of Medicine  <b>Natasha Halasa, MD, MPH</b> – Vanderbilt University Medical Center</p> <p><b>Eimear Kitt, MD, FAAP – Children’s Hospital of Philadelphia</b>  <i>Variation in Antibiotic Use and Incidence of Surgical Site Infections in Pediatric Liver Transplant Recipients</i></p> <p><b>Ronald Dallas, PhD – St. Jude Children’s Research Hospital</b>  <i>A Multicenter Study Exploring the Epidemiology and Outcomes of COVID-19 Among Pediatric Hematopoietic Cell Transplant, Cellular Therapy and Solid Organ Transplant Recipients: Preliminary Results from the Pediatric COVID-19 U.S. Registry</i></p> <p><b>Sarah Heston, MD – Duke University School of Medicine</b>  <i>Antibiotic Exposure and Risk of Cytomegalovirus Viremia Among Pediatric Hematopoietic Stem Cell Transplant Recipients at a Single Institution</i></p> <p><b>Marc Foca, MD – Albert Einstein College of Medicine</b>  A Retrospective Study of Valganciclovir Discontinuation Due to Toxicity or Intolerance in Pediatric Solid Organ Transplant Patients</p> <p><b>Muayad Alali, MD – Indiana University</b>  <i>Pediatric Febrile Neutropenia with Low Risk of Systemic Infection: When Is It Safe to Stop Antibiotics?</i></p> <p><b>William Otto, MD – Children’s Hospital of Philadelphia</b>  <i>Manual Validation of an Automated Tool to Extract Blood Culture and Susceptibility Data from the Electronic Health Record for Children with Acute Myeloid Leukemia</i></p>

	<p><b>RESEARCH POSTERS</b></p> <p><b>Moderator: Buddy Creech, MD</b> – Vanderbilt University Medical Center</p> <p><b>Andrew B. Janowski, MD</b> – Washington University School of Medicine <i>The highly conserved stem-loop II RNA element (s2m) is critical for the lifecycle of astrovirus VA1 but is dispensable for SARS-CoV-2</i></p> <p><b>David Berman, DO</b> – Karius Diagnostics <i>Rapid, Non-Invasive Detection of Non-H. pylori Helicobacter Infections in Immunocompromised Children Using Microbial Cell-Free DNA Next Generation Sequencing in Plasma</i></p> <p><b>Jane Symington, MD, PhD</b> – University of California San Francisco <i>Elucidating key interactions between macrophages and Coccidioides</i></p> <p><b>Maria Perez</b> – Emory University <i>An RSV live-attenuated vaccine candidate lacking G protein mucin domains is highly attenuated, immunogenic, and effective in RSV prevention in BALB/c mice</i></p> <p><b>Stephen Isabell</b> – University of Minnesota Medical School <i>Does Cytomegalovirus (CMV) Status Impact the Host Response to SARS-CoV-2?</i></p> <p><b>Shelby Walcott</b> – University of Alabama at Birmingham <i>Resolution of thrombocytopenia during treatment for symptomatic congenital cytomegalovirus disease</i></p> <p><b>Rachel Bass</b> – Northwestern University Feinberg School of Medicine <i>Nasal microbiota differences in young infants are associated with early childhood irritability</i></p>
Friday, March 4	<b>Pediatric Infectious Diseases Research Symposium</b>
7:55 – 8:00 AM	<p><b>Welcome and Announcements</b></p> <p><b>C. Buddy Creech, MD, MPH</b> President, Pediatric Infectious Diseases Society Edie Carell Johnson Chair and Professor of Pediatric Infectious Diseases Director, Vanderbilt Vaccine Research Program Vanderbilt University Medical Center</p> <p><b>Elaine Tuomanen, MD</b> Chair, Department of Infectious Diseases Director, Children’s Infection Defense Center St. Jude Children’s Research Hospital</p>

8:00 – 8:45 AM	<p><b>Frontier Lecture 1:</b></p> <p><b>Contrasting MIS-C and Kawasaki Disease</b>  <b>Anne Rowley, MD</b>  Professor of Pediatrics (Infectious Diseases) and Microbiology-Immunology  Feinberg School of Medicine, Northwestern University</p>
8:45 – 9:00 AM	<p><b>ORAL ABSTRACT #1</b></p> <p><b>Caleb Stokes, MD – University of Washington / Seattle Children's Hospital</b>  <i>Single Cell RNA Sequencing of Zika Infection in Neural Tissues Reveals an Astrocyte-Driven Innate Immune Response Governed by Interferon Beta</i></p>
9:00 – 9:45 AM	<p><b>Keynote Address:</b></p> <p><b>Why Did My Patient Die? Answers from the Pneumococcal Surface</b>  <b>Elaine Tuomanen, MD</b>  Chair, Department of Infectious Diseases  Director, Children's Infection Defense Center  St. Jude Children's Research Hospital</p>
9:45 – 10:00 AM	<b>BREAK</b>
10:00 – 10:45 AM	<p><b>Frontier Lecture 2:</b></p> <p><b>Learning From the Human Adaptive Immune Response to <i>Staphylococcus aureus</i> Infections</b>  <b>Isaac Thomsen, MD, MSCI</b>  Associate Professor of Pediatric Infectious Diseases  Director, Vanderbilt Vaccine Research Program Laboratory  Vanderbilt University Medical Center</p>
10:45 – 11:00 AM	<p><b>ORAL ABSTRACT #2</b></p> <p><b>Sapna Pardasani – St. Jude Children's Research Hospital</b>  <i>COVID-19 among pediatric patients with pre-existing pulmonary conditions: Preliminary results from the Pediatric COVID-19 U.S. Registry</i></p>
11:00 – 11:45 AM	<p><b>Frontier Lecturer 3:</b></p> <p><b>Understanding and Predicting Biotic and Abiotic Perturbations to Developing Pediatric Microbiomes</b>  <b>Gautam Dantas, PhD</b></p>

	<p>Professor, Department of Pathology &amp; Immunology  Center for Genome Sciences &amp; Systems Biology  Washington University School of Medicine</p>
<b>11:45 AM – 12:00 PM</b>	<b>BREAK</b>
<b>12:00 – 1:00 PM</b>	<p><b>2022 John H. Erskine Lecture in Infectious Diseases</b></p> <p><b>Antibody and Vaccine Mediated Protection to Emerging SARS-CoV-2 Variants</b>  <b>Michael Diamond, MD, PhD</b>  The Herbert S. Gasser Professor, Departments of Medicine, Molecular Microbiology, Pathology &amp; Immunology  Washington University School of Medicine  Division of Infectious Diseases</p>
<b>1:00 – 1:15 PM</b>	<b>LUNCH BREAK</b>
<b>1:15 – 2:00 PM</b>	<p><b>Career Paths Breakout Discussion</b>  Sessions will run concurrently. Sessions are 20 minutes each with 5-minute break between sessions. Attendees will choose two sessions to attend.</p> <p><b>Session 1: Looking for a Job</b>  <b>Neil Surana, MD, PhD</b>  Assistant Professor of Pediatric Infectious Diseases  Duke University School of Medicine</p> <p><b>Jessica Snowden, MD, MS, MHPTT</b>  Chief, Division of Pediatric Infectious Diseases  University of Arkansas for Medical Sciences</p> <p><b>Session 2: K-award Session</b>  <b>Emma Mohr, MD, PhD</b>  Assistant Professor of Pediatric Infectious Diseases  University of Wisconsin-Madison</p> <p><b>Elaine Tuomanen, MD</b>  Chair, Department of Infectious Diseases  Director, Children’s Infection Defense Center  St. Jude Children’s Research Hospital</p> <p><b>Session 3: Talking to the Media</b>  <b>Craig Boerner</b>  Senior Information Officer / National News Director  Vanderbilt University Medical Center</p>



<b>2:00 – 2:15 PM</b>	<b>BREAK</b>
<b>2:15 – 2:30 PM</b>	<b>ORAL ABSTRACT #3</b>  <b>Stephanie S. Cabler, MD – Washington University School of Medicine</b> <i>Viral DNAemia and Viral Seropositivity are Associated with Mortality in Pediatric Patients with Severe Sepsis</i>
<b>2:30 – 3:15 PM</b>	<b>Luminary in Pediatric Infectious Diseases</b>  <b>My Journey in Pediatric Infectious Diseases: More Than “a Little Help from my Friends”</b> <b>Sheldon Kaplan, MD</b> Professor of Pediatric Infectious Diseases Head, Pediatric Infectious Diseases Section Baylor College of Medicine
<b>3:15 – 3:30 PM</b>	<b>ORAL ABSTRACT #4</b>  <b>Stephanie Rolsma, MD, PhD – Vanderbilt University Medical Center</b> <i>Development of a Kinetic ELISA (kELISA) and Reactive B Cell Frequency (RBF) Assay to Detect Respiratory Syncytial Virus (RSV) Pre-Fusion F Protein-Specific Immune Responses in Infants</i>
<b>3:30 – 4:00 PM</b>	<b>Career Development Presentation</b>  <b>The Value of Diversity in the Pediatric Infectious Disease Research Workforce</b> <b>Anthony R. Flores, MD, PhD, MPH</b> Associate Professor, Pediatrics Infectious Diseases University of Texas Health Sciences Center
<b>4:00 – 5:30 PM</b>	<b>Career Development Session</b>  <ol style="list-style-type: none"> <li>1. <b>Infection Control: Lynn Ramirez, MD, MS – UCSF</b></li> <li>2. <b>Education: Kathleen McGann, MD – Duke</b></li> <li>3. <b>Transplant ID: Monica Ardura, DO, MSCS – Nationwide Children’s Hospital</b></li> <li>4. <b>Basic Science: Anne Rowley, MD – Lurie Children’s Hospital</b></li> </ol>
<b>5:30 PM</b>	<b>CLOSING REMARKS</b>

Saturday, March 5	
Global Health Symposium	
8:00 – 8:05AM	<p><b>Welcome and Introduction to GHS</b></p> <p><b>Miguela A. Caniza, MD, MPH</b>            Director, Global Infectious Diseases Program            Member, Department of Global Pediatric Medicine and Department of Infectious Diseases            St Jude Children’s Research Hospital</p>
8:05 – 9:00 AM	<p><b>Luminaries in Global Health</b></p> <p><b>What About the Kids? <i>Improving Outcomes for Children Living With or Exposed to HIV and Lessons Along the Way</i></b>  <b>Grace John-Stewart, MD, PhD</b>            Professor, Global Health, Epidemiology, Medicine - Allergy and Infectious Diseases, and Pediatrics, University of Washington Co-Director, Global Center for Integrated Health of Women, Adolescents and Children            Associate Director, UW/Fred Hutch Center for AIDS Research (CFAR)</p> <p><b>Pediatric pandemics: Case study of global HIV from 1981-2022</b>  <b>Sten H. Vermund, MD, PhD</b>            Anna M.R. Lauder Professor of Public Health and Dean, Yale School of Public Health            Professor, Pediatrics, Yale School of Medicine</p> <p>Moderator: <b>Jimmy Carlucci, MD, MPH</b>            Assistant Professor, Pediatrics, Division of Infectious Diseases and Global Health, Indiana University School of Medicine</p>
9:00 – 9:15 AM	<p><b>Q&amp;A with Luminaries</b></p> <p>Moderator: <b>Jimmy Carlucci, MD, MPH</b> - Indiana University School of Medicine</p>
9:15 – 9:30 AM	<b>BREAK</b>
9:30 – 10:30 AM	<p><b>Poster Session – Rapid Fire Abstract Presentations with Professors (Nonaccredited)</b></p> <p><b><u>Epidemiology of Infections, Including COVID-19</u></b>  <b>Ian Michelow, MD, MMed, DTM&amp;H</b>            Associate Professor of Pediatrics, The Warren Alpert Medical School, Brown University            Division of Pediatric Infectious Diseases, RI Hospital/Hasbro Children's Hospital</p>

	<p>Center for International Health Research</p> <p><b>Guliz Erdem, MD</b>  Professor of Pediatrics, The Ohio State University College of Medicine, Section of Infectious Diseases, Nationwide Children’s Hospital</p> <p><b><u>Infectious Prevention, Control and Education</u></b></p> <p><b>Parvathi Kumar, MD</b>  Associate Director of Early Clinical Development, ReAlta Life Sciences</p> <p><b>Spyridon Karageorgos, MD</b>  Pediatric Resident, Aghia Sophia Children's Hospital</p> <p><b><u>Diagnostics</u></b></p> <p><b>Tanya Rogo, MD, MPH&amp;TM, FAAP</b>  Division of Pediatric Infectious Diseases, Hasbro Children's Hospital  Brown University Alpert Medical School</p> <p><b><u>Immunocompromised Hosts</u></b></p> <p><b>Sahera Dirajlal-Fargo, MS, DO, FAAP</b>  Associate Program Director, Pediatric Infectious Disease Fellowship Program  Faculty Co-Director, Andrew B. Kaufman World Medicine Pathway  Assistant Professor of Pediatrics, Case Western Reserve University School of Medicine  Department of Pediatric Infectious Diseases, Rainbow Babies and Children's Hospital</p> <p>Moderator: <b>Ye Jin Kang, MD, MSc, MPP</b>  Burroughs Wellcome Scholar in Pediatrics, UT Southwestern Medical Center Residency Program  Founder, Director, Global Humanitarian Engagement, Inc.</p>
<b>10:30 – 10:40 AM</b>	<b>BREAK</b>
<b>10:40 – 12:00 PM</b>	<p><b>Networking Session</b> (Breakout Topics)</p> <p><b>1. Basic Research:</b></p> <p><b>Grace John-Stewart, MD, PhD</b>  Professor, Global Health, Epidemiology, Medicine - Allergy and Infectious Diseases, and Pediatrics, University of Washington  Co-Director, Global Center for Integrated Health of Women, Adolescents and Children  Associate Director, UW/Fred Hutch Center for AIDS Research (CFAR)</p>

	<p><b>2. Clinical Research:</b>  <b>Matthew Laurens, MD, MPH</b>  Professor, Pediatrics, Medicine University of Maryland School of Medicine</p> <p><b>3. Strategies for Incorporating Education/Capacity Building into a Global Health Career:</b>  <b>Troy Moon, MD, MPH</b>  Associate Professor, Pediatrics, Division of Infectious Diseases, Vanderbilt University Medical Center, Vanderbilt Institute for Global Health</p> <p><b>4. Infection Prevention and Control:</b>  <b>Miguela A. Caniza, MD, MPH</b>  Director, Global Infectious Diseases, Member, Department of Global Pediatric Medicine, Department of Infectious Diseases, St Jude Children’s Research Hospital</p> <p>Moderator: <b>Elizabeth Schlaudecker, MD, MPH</b>  Medical Director, Division of Infectious Diseases, Global Health Center  Associate Professor, Department of Pediatrics, University of Cincinnati, Cincinnati Children's Hospital Medical Center</p>
<b>12:00 PM</b>	<b>CLOSING REMARKS</b>