State of the Department of Pediatrics 2021

Terence S. Dermody
University of Pittsburgh School of Medicine
UPMC Children’s Hospital of Pittsburgh

Pediatric Grand Rounds
September 9, 2021
Today’s Game Plan

• Department Overview
• Education, Training, and Career Development Updates
• Major Discoveries
• Clinical Service Accomplishments
• COVID-19 and Pediatrics
• Divisional and Executive Leadership
A Vision for UPMC Children’s Hospital of Pittsburgh

To be the world-wide leader in pediatric healthcare, education, and discovery
Who We Are

25 Divisions, Centers, and Institutes

- Faculty: 342
- Clinical Fellows: 103
- Residents: 131
- Research Fellows: 47
- Graduate Students: 22
- Research Staff: 240
- Clinical Staff: 410
- Administrative Staff: 33

1328 Strong!
Faculty Ethnicity Distribution

Faculty by Ethnicity/Race

- 71% (White)
- 20% (Asian)
- 7% (Multiple Races)
- 1% (Hispanic or Latino)
- 1% (Black or African American)
- 1% (Native American/Alaskan Native)
- 0.3% (1) (Other)

Legend:
- Native American/Alaskan Native
- Asian
- Black or African American
- Hispanic or Latino
- Multiple Races
- White
Faculty Gender Distribution

Faculty by Gender

- Male: 126 (37%)
- Female: 216 (63%)

Legend:
- Male
- Female
## Faculty Promotions
(As of August 1, 2021)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Alcorn</td>
<td>Pulmonology</td>
<td>Professor</td>
</tr>
<tr>
<td>Aimee Biller</td>
<td>General Academic Pediatrics</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Craig Byersdorfer</td>
<td>Bone Marrow Transplant</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Wei Chen</td>
<td>Pulmonology</td>
<td>Professor</td>
</tr>
<tr>
<td>Brain Feingold</td>
<td>Cardiology</td>
<td>Professor</td>
</tr>
<tr>
<td>Erick Forno</td>
<td>Pulmonology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Nursen Gurtunca</td>
<td>Endocrine</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Jennifer Johnson</td>
<td>Cardiology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Bernhard Kuhn</td>
<td>Cardiology</td>
<td>Professor</td>
</tr>
</tbody>
</table>
# Faculty Promotions
(As of August 1, 2021)

<table>
<thead>
<tr>
<th>Name</th>
<th>Department</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mousumi Moulik</td>
<td>Cardiology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Gysella Muniz-Pujalt</td>
<td>General Academic Pediatrics</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Raymond Pitetti</td>
<td>Emergency Medicine</td>
<td>Professor</td>
</tr>
<tr>
<td>Kristin Ray</td>
<td>General Academic Pediatrics</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Thomas Seery</td>
<td>Cardiology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Sunder Sims-Lucas</td>
<td>Nephrology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>James Squires</td>
<td>Gastroenterology</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Melissa Tavarez</td>
<td>Emergency Medicine</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>Kalyani Vats</td>
<td>Newborn Medicine</td>
<td>Associate Professor</td>
</tr>
</tbody>
</table>

Alejandro Hoberman, Distinguished Service Professor of Pediatrics, 2021
Major Faculty Awards

Silva Arslanian – Oversight Advisory Committee, AHA Cardiometabolic and T2DM Research Network

Rachel Berger – Ray E. Helfer Society Award for Distinguished Contributions in Child Abuse and Neglect

Sylvia Choi – William I. Cohen Teacher of the Year Award

Maria Escolar – Innovation Institute Startup of the Year Award (Forge Biologics)

Yukiko Giho – CRNP Preceptor-of-the-Year Award

Tim Hand – Burroughs Wellcome Fund Investigators in the Pathogenesis of Infectious Disease Award
Major Faculty Awards

- Jackie Kreutzer – Founding Member and Secretary, Pediatric Interventional Cardiovascular Society
- Andrew McCormick – Pitt School of Medicine Social Justice Educator Award
- Deborah Moss – Board Member, Pennsylvania Partnerships for Children
- John Szymusiak – Pitt School of Medicine Early Career Educator Award
- Jane Taylor – American Thoracic Society Pediatrics Assembly Clinician-Educator Award
- Holly Thomas – PA-C Preceptor-of-the-Year Award
UPMC Excellence in Patient Experience Awards

Deb Albright, Gaurav Arora, Mark Dovey, Paul Fadakar, Jim Felker, Amy Jean, Bob Safier, Whitney Sunseri, and Cassie Torok
UPMC ACES Awards

Jessica Garrison
Hospital Medicine

Elizabeth Hewett
Emergency Medicine

Sylvia Owusu-Ansah
Emergency Medicine
American Society of Clinical Investigation

Jackie Ho
Nephrology

Ling Lin
Infectious Diseases
Gale and Ira Drukier Prize in Children’s Health Research

Erick Forno
Pulmonology

Associate Professor of Pediatrics
Director, UPMC Children’s Hospital Asthma Center

Molecular epidemiology and treatment of asthma
Pediatric Endocrine Society
Van Wyk Prize

Dorothy Becker, M.B.B.Ch.
Professor of Pediatrics,
Emeritus

Ingrid Libman, M.D., Ph.D.
Associate Professor of Pediatrics

Radhika Muzumdar, M.D.
Professor of Pediatrics
Director, Pediatric Endocrinology
Office of Faculty Development

Dena Hofkosh
Professor of Pediatrics, Emeritus

Sylvia Choi
Vice Chair
Faculty Affairs

Erika Friehling
Director
OFD
OFD Leadership Excellence Programming

Senior Department Leaders
- Leadership best practices
- Leading transformational change
- Mentoring towards promotion
- Managing bias
- Negotiation

Clinical Service Directors
- The organized leader
- Running an effective meeting
- Building a business IQ
- Process improvement
- Conflict resolution

Mid-Career and Rising Leaders
- Mentoring Academy
- Pitt and UPMC Leadership Academies
- Practices of Exemplary Leadership

Office of Faculty Development
OFD Grant Recipients

**Adelaide L. Eichman**, Child Advocacy Center
- Talking to Caregivers About Concerns for Abuse
- Education Innovation Grant

**Jessica Garrison**, Hospital Medicine
- Critical Care De-escalation Curriculum
- Education Innovation Grant

**John Szymusiaik**, Hospital Medicine
- Coaching Resident Physicians to Counsel Adolescents of Color on Safe Police Interactions
- Education Innovation Grant

**Tahniat Syed**, Adolescent and Young Adult Medicine
- Plant-Based Nutrition: eCornell Certificate Program
- Leadership Development Grant

**Jacqueline B. Saladino**, General Academic Pediatrics
- Integration of Primary Care Curriculum into Resident Didactic Learning
- Pediatrics Medical Education Scholar Grant
Diversity, Equity, and Inclusion
Diversity, Equity, and Inclusion

Accomplishments

• Career Advancement and Achievement
  Mentorship Program (CHAMP)
  – Arsenal Middle School

• Education
  – Children’s Hospital Virtual URiM Elective (CHP-VUE)
  – Antiracism curriculum

• Recruiting
  – Residents, Fellows, and Faculty
Dean’s Cluster Hire Program

Applications By Department

- Pediatrics
- Medicine
- Surgical Subspecialties
- Psychiatry
- PM&R
- Other

Loreta Matheo
Vice Chair, DEI

[Graph showing applications by department with bars for total and accepted]
Department of Pediatrics

Education, Training, and Career Development Updates

Braveen Ragunanthan
Chief Resident 2020-2021
Undergraduate Medical Education

Pediatric Clerkship-Directors
- John Szymusiak
- Aimee Biller

Pediatric Clerkship-Co-Directors
- Emily Trauernicht
- Katie Hayes

Pediatric Acting Internship
- Laura Panko
- Elizabeth Sensenig

Pediatric EM
- Brett McAninch

Pediatric Advanced Physical Exam
- Andrew McCormick
- Neema Shah

Pediatric Electives
19 subspecialty electives 2020-2021: 113 Pitt students

Marlynn Haigh
Pediatric Residency Leadership

Rhett Lieberman
Katie Polak
Ben Miller
Kate Watson
Andy Nowalk
Jen Wolford
Pediatric Residency Intern Class

Aaron Altman, MD PhD
State University of New York Upstate Medical University Pediatrics

Madeline Bireley, MD
Medical College of Wisconsin Pediatrics

Mavis Britwum, DO
Rowan University School of Osteopathic Medicine

Coleen Buser, MD
University of Massachusetts Medical School Triple Board

Courtney Butini, MD
University of Cincinnati College of Medicine Pediatrics

Michael Gould, MD
University of Maryland School of Medicine

Samantha Harris, MD
Loma Linda University School of Medicine

Carly Heck, MD
University of Pittsburgh School of Medicine

Andrew Jaye, DO
Philadelphia College of Osteopathic Medicine Triple Board

Evan Keller, MD
University of Pittsburgh School of Medicine

Maria Lanyi, MD
University of Pittsburgh School of Medicine

Cyndie Liang, MD
Boston University School of Medicine

Julia Mazzione, MD
University of Pittsburgh School of Medicine Pediatrics

Himadri Patel, MD
Pennsylvania State University College of Medicine Child Neuro

Dakota Peterson, MD
Virginia Tech Carilion School of Medicine PALS

Rohan Rao, MD
Rutgers Robert Wood Johnson Medical School

Maeve Reidy, MD
Trinity College Dublin School of Medicine

Jessica Reyes Angel, MD
Universidad Militar Nueva Granada Facultad de Medicina

David Roth, MD
Emory University School of Medicine

Armand Sebastian, MD
University of Rochester School of Medicine and Dentistry

Katelin Serody, MD
University of Pittsburgh School of Medicine

Marissa Stepler, MD
Sidney Kimmel Medical College at Thomas Jefferson University

Rachel Vaizer, MD
Medical College of Georgia at Augusta University

Kelsey Van Noy, MD
Texas Tech University Health Sciences Center Paul L. Foster School of Medicine

Geetha Vasudevan, MD
Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo Child Neuro

Gail Waltz, MD
University of Pittsburgh School of Medicine

Tiffany Wang, MD
University of Massachusetts Medical School Med Peds

Kim Winiker, MD
University of Massachusetts Medical School Med Peds

Allyson Zabell, MD
Northeast Ohio Medical University
Medical School Locations of Our Interns
Pediatric Chief Residents

Jimmy Bowen
Molly Mack
Molly Marshall
Jake White
<table>
<thead>
<tr>
<th>Resident Education</th>
<th>Top Performers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sylvia Choi (PHM)</td>
<td>Sara McIntire (PHM)</td>
</tr>
<tr>
<td>Oscar Escobar (Endo)</td>
<td>Andy Nowalk (ID)</td>
</tr>
<tr>
<td>Erika Friehling (H/O)</td>
<td>Arvind Srinath (GI)</td>
</tr>
<tr>
<td>Jenna Gaesser (Neuro)</td>
<td>Kalyani Vats (NBM)</td>
</tr>
<tr>
<td>Laura Jackson (NBM)</td>
<td>Kate Watson (GAP)</td>
</tr>
</tbody>
</table>
Pediatric Fellow Education

- Adolescent Medicine
- Allergy and Immunology
- Blood and Marrow Transplant
- Cardiology
- Emergency Medicine
- Endocrinology
- Gastroenterology
- General Academic Pediatrics
- Hematology-Oncology
- Hospital Medicine
- Infectious Disease
- Medical Biochemical Genetics
- Medical Genetics and Genomics
- Neonatal-Perinatal Medicine
- Nephrology
- Neurodevelopmental Disabilities
- Palliative Medicine
- Pulmonology
- Rheumatology
- Transplant Hepatology
Fellowship Leadership Team

Noel Zuckerbraun, Arvind Srinath, and Pat Fustich
Loss of Fibroblast Growth Factor Receptor 2 (FGFR2) Leads to Defective Bladder Urothelial Regeneration after Cyclophosphamide Injury

Sridhar T. Narla,* Daniel S. Bushnell,* Caitlin M. Schaefer,* Mehdi Nouraie,† Justin T. Tometich,‡‡ Timothy W. Hand,‡‡ and Carlton M. Bates*¶

Am. J. Pathol. 191: 631-651, 2021
Urothelial Injury and Repair 3 Days After Cyclophosphamide Injection

FGF receptor 2 KO mice
- Increased hemorrhage and cell loss
- Decreased regenerating immature superficial cells
Escolar and Szabolcs

CLINICAL TRIALS AND OBSERVATIONS

Long-term neurodevelopmental outcomes of hematopoietic stem cell transplantation for late-infantile Krabbe disease

Isabel C. Yoon, Nicholas A. Bascou, Michele D. Poe, Paul Szabolcs, and Maria L. Escolar

Blood 137:1719-1730, 2021
Survival Following Hematopoietic Stem Cell Transplantation for Krabbe Disease

Four patient groups

Asymptomatic
Symptomatic onset ≤ 12 months
Symptomatic onset > 12 months
Untreated

0/21
6/7
3/7
5/5
Protective Factors Against Vaping and Other Tobacco Use

Nicholas Szoko, MD, a Maya I. Rağavan, MD, MS, MPH b, e Susheel K. Khetarpal, BS b, Kar-Hai Chu, PhD d
Alison J. Culyba, MD, PhD, MPH b, e

Pediatrics 148:e2020048066, 2021
Factors Associated with Prevalence of Recent and Lifetime Vaping

2487 participants (mean age, 15.7 ± 1.2 years; 58.1% assigned female sex at birth)
1126 (45.3%) reported lifetime vaping
671 (27.0%) reported recent vaping

<table>
<thead>
<tr>
<th></th>
<th>Future Orientation</th>
<th>Parental Monitoring</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PR (95% CI)</td>
<td>aPR (95% CI)</td>
</tr>
<tr>
<td>Recent vaping (30d)</td>
<td>0.76 (0.65–0.88)</td>
<td>0.84 (0.73–0.97)</td>
</tr>
<tr>
<td>Lifetime vaping</td>
<td>0.81 (0.73–0.90)</td>
<td>0.90 (0.81–0.99)</td>
</tr>
</tbody>
</table>

PR, prevalence ratio; aPR, prevalence ratio adjusted for age, sex assigned at birth, race and ethnicity, sexual or gender minority, and other substance abuse
Tympanostomy Tubes or Medical Management for Recurrent Acute Otitis Media


# Tympanostomy Tubes or Medical Management for Recurrent Acute Otitis Media

## Two-Year Primary and Secondary Outcomes According to Treatment Assignment

<table>
<thead>
<tr>
<th>Outcome Measure or Child Characteristic</th>
<th>Tympanostomy-Tube Group (N=129)</th>
<th>Medical-Management Group (N=121)</th>
<th>All Children (N=250)</th>
<th>Estimated Between-Group Difference (95% CI); P Value†</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two-year occurrence of episodes of acute otitis media</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of episodes; no. of child-yr‡</td>
<td>384; 259.5</td>
<td>378; 242.6</td>
<td>762; 502.1</td>
<td></td>
</tr>
<tr>
<td>Yr 1 and 2 combined — rate per child-yr§</td>
<td>1.48±0.08</td>
<td>1.56±0.08</td>
<td>1.52±0.08</td>
<td>0.97 (0.84 to 1.12); P=0.66</td>
</tr>
<tr>
<td>Yr 1</td>
<td>1.94±0.12</td>
<td>2.20±0.14</td>
<td>2.07±0.13</td>
<td></td>
</tr>
<tr>
<td>Yr 2</td>
<td>1.06±0.09</td>
<td>0.97±0.09</td>
<td>1.01±0.09</td>
<td></td>
</tr>
</tbody>
</table>
Pediatrics Research Revenue

$65.4 Million

FY15  FY16  FY17  FY18  FY19  FY20  FY21

$70,000,000  $65,000,000  $60,000,000  $55,000,000  $50,000,000  $55,000,000  $65,400,000  $70,000,000

$30,000,000  $35,000,000  $40,000,000  $45,000,000  $50,000,000  $55,000,000  $60,000,000
Distribution of Research Funding

- NIH: 36%
- Other Federal: 7%
- State/Local: 0%
- Industry: 21%
- All Subcontracts: 6%
- Foundation: 30%
<table>
<thead>
<tr>
<th>Name</th>
<th>Division</th>
<th>Title</th>
<th>Annual Budget</th>
<th>Award Number</th>
<th>Begin - End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey, Kelly</td>
<td>Hematology / Oncology</td>
<td>DNA damage and immunogenicity in Ewing sarcoma</td>
<td>$ 152,995</td>
<td>K08-CA252178</td>
<td>4/1/2021 - 3/31/2026</td>
</tr>
<tr>
<td>Kim, Soyeon</td>
<td>Pulmonology</td>
<td>Identifying genetic and epigenetic risk factors regulating gene expression for childhood asthma</td>
<td>$ 141,178</td>
<td>K01-HL153792</td>
<td>8/1/2020 - 7/31/2025</td>
</tr>
<tr>
<td>Rick, Anne-Marie</td>
<td>GAP</td>
<td>Infant protection from influenza through maternal influenza immunization</td>
<td>$ 174,993</td>
<td>K23-AI159399</td>
<td>6/1/2021 - 5/31/2026</td>
</tr>
<tr>
<td>Rapsinski, Glenn</td>
<td>Infectious Diseases</td>
<td>Child health and human development extramural research</td>
<td>$ 99,495</td>
<td>K12-HD000850</td>
<td>12/1/2020 - 6/30/2021</td>
</tr>
<tr>
<td>Name</td>
<td>Division</td>
<td>Title</td>
<td>Agency Title</td>
<td>FY 21 Award</td>
<td>Award Number</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------</td>
<td>------------------------------------------------------------------------</td>
<td>--------------</td>
<td>-------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Alcorn, John</td>
<td>Pulmonology</td>
<td>Influenza A inhibits TH17 Host Defense Against Bacterial Pneumonia</td>
<td>NIH</td>
<td>$ 455,741</td>
<td>R01-HL107380</td>
</tr>
<tr>
<td>Celedon, Juan</td>
<td>Pulmonology</td>
<td>Nasal epithelial epigenomics and transcriptomics and asthma in Hispanic adults</td>
<td>NIH</td>
<td>$ 699,612</td>
<td>R01-HL152475</td>
</tr>
<tr>
<td>Dong, Hengjiang</td>
<td>Endocrinology</td>
<td>FoxO1 in Gestational Diabetes</td>
<td>NIH</td>
<td>$ 389,502</td>
<td>R01-DK125001</td>
</tr>
<tr>
<td>Escolar, Maria</td>
<td>Genetics</td>
<td>NDRD Krabbe disease patient care and research</td>
<td>Legacy of Angels Foundation</td>
<td>$ 748,236</td>
<td>NA</td>
</tr>
<tr>
<td>Ghazi, Arjumand</td>
<td>Gastroenterology</td>
<td>Role of the transcription elongation and splicing factor TCER-1 in repressing immunity and promoting fertility</td>
<td>NIH</td>
<td>$ 320,825</td>
<td>R56-AG066682</td>
</tr>
<tr>
<td>Goetzman, Eric</td>
<td>Genetics</td>
<td>Optimizing medium-chain lipids for the treatment of long-chain fatty acid oxidation disorders</td>
<td>NIH</td>
<td>$ 333,705</td>
<td>R01-HD103602</td>
</tr>
<tr>
<td>Goetzman, Eric</td>
<td>Genetics</td>
<td>Regulation of peroxisomal metabolism by lysine acylation</td>
<td>NIH</td>
<td>$ 445,941</td>
<td>R01-DK090242</td>
</tr>
</tbody>
</table>
# Major New Grants – FY 2021

## First R01 Grants

<table>
<thead>
<tr>
<th>Name</th>
<th>Division</th>
<th>Title</th>
<th>Agency</th>
<th>FY 21 Award</th>
<th>Award Number</th>
<th>Project Begin/End Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gopal, Radha</td>
<td>Pulmonology</td>
<td>Immune mechanisms of influenza-induced exacerbation of atherosclerosis</td>
<td>NIH</td>
<td>$ 389,555</td>
<td>R01-HL146479</td>
<td>8/15/20 - 7/31/25</td>
</tr>
<tr>
<td>Kane, Melissa</td>
<td>Infectious Diseases</td>
<td>Inhibition of lentiviral nuclear import pathways by Mx2</td>
<td>NIH</td>
<td>$ 388,425</td>
<td>R01-AI162172</td>
<td>5/21/21 - 4/30/26</td>
</tr>
<tr>
<td>Lamitina, Samuel</td>
<td>Neurology</td>
<td>Regulation of stress-specific protein translation by the O-GlcNAc transferase OGT-1 and 3’ mRNA processing</td>
<td>NIH</td>
<td>$ 376,287</td>
<td>R01-GM135577</td>
<td>9/9/20 - 7/31/24</td>
</tr>
<tr>
<td>Lin, Philana Ling</td>
<td>Infectious Diseases</td>
<td>Dissecting the pathogenesis of HIV-TB immune reconstitution inflammatory syndrome</td>
<td>NIH</td>
<td>$ 775,815</td>
<td>R01-AI155495</td>
<td>8/17/20 - 7/31/25</td>
</tr>
<tr>
<td>Martin, Judith</td>
<td>GAP</td>
<td>Pittsburgh Vaccine Trials Unit</td>
<td>Richard King Mellon Foundation</td>
<td>$ 250,000</td>
<td>NA</td>
<td>7/1/20 - 6/30/21</td>
</tr>
<tr>
<td>Miller, Elizabeth</td>
<td>Adolescent Medicine</td>
<td>Urgent Revision to Creating Peace: community-level intervention to reduce youth violence</td>
<td>NIH</td>
<td>$ 324,997</td>
<td>R01-MD013797</td>
<td>9/8/20 - 1/31/21</td>
</tr>
<tr>
<td>Poholek, Amanda</td>
<td>Rheumatology</td>
<td>Lung-specific expression and function of Blimp-1 in T cells impacting allergic asthma</td>
<td>NIH</td>
<td>$ 524,971</td>
<td>R01-AI153104</td>
<td>4/14/21 - 3/31/26</td>
</tr>
</tbody>
</table>
### Major New Grants – FY 2021

<table>
<thead>
<tr>
<th>Name</th>
<th>Division</th>
<th>Title</th>
<th>Agency</th>
<th>FY 21 Award</th>
<th>Project Begin/End Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ray, Kristin</td>
<td>GAP</td>
<td>Understanding use of direct-to-consumer telemedicine for pediatric acute respiratory infections</td>
<td>NIH</td>
<td>$740,376 R01-AI148159</td>
<td>7/1/20 - 6/30/24</td>
</tr>
<tr>
<td>Sawalha, Amr</td>
<td>Rheumatology</td>
<td>Role of DNA methylation in lupus</td>
<td>NIH</td>
<td>$488,112 R01-AI097134</td>
<td>8/12/20 - 7/31/24</td>
</tr>
<tr>
<td>Sims-Lucas, Sunder</td>
<td>Nephrology</td>
<td>The role of sirtuin 5 in acute kidney injury</td>
<td>NIH</td>
<td>$463,060 R01-DK121758</td>
<td>7/1/20 - 6/30/25</td>
</tr>
<tr>
<td>Torok, Kathryn</td>
<td>Rheumatology</td>
<td>Ancillary studies to define dysregulated immune and fibrotic pathways in a well-characterized morphea cohort</td>
<td>NIH</td>
<td>$376,842 R01-AR078560</td>
<td>3/1/21 - 1/31/25</td>
</tr>
<tr>
<td>Williams, John</td>
<td>Infectious Diseases</td>
<td>New Vaccine Surveillance Network - Year 5 Supplement</td>
<td>CDC</td>
<td>$557,142 U01-IP001051</td>
<td>9/1/20 - 8/31/21</td>
</tr>
</tbody>
</table>
Foundation Leadership Team

President
RACHEL PETRUCELLI

VP, Development
KAREN DEPPERMAN

VP, Community Relations
ROBIN WEBER

VP, Strategic Engagement
LARYSA GRADECK

CFO and VP, Operations
GREG KEEGAN

Executive Leadership
Total Fundraising Progress

FY10: $8.1M
FY11: $12.4M
FY12: $13.1M
FY13: $16.8M
FY14: $20.4M
FY15: $22.1M
FY16: $18.2M
FY17: $24.2M
FY18: $28.6M
FY19: $23.4M
FY20: $26.2M
FY21: $26.2M
New Endowed Funds

- Endowed Chair for Nursing Excellence
- The Nicklas Family Endowment for Research
- The Diversity, Equity, and Inclusion Fund

Diane S. Hupp
Vice President, Operations and Patient Care Services, and Chief Nursing Officer
R.K. Mellon Institute for Pediatric Research
Mellon Institute Leadership

George Gittes, M.D.
Director
Pediatric Surgery

John Alcorn, Ph.D.
Associate Director
Pulmonology

Bernhard Kuhn, M.D.
Associate Director
Cardiology

Linda McAllister-Lucas, M.D., Ph.D.
Associate Director
Hematology-Oncology

Bernhard, Linda, George, and John
Mellon Institute Initiatives

• Mellon Seminar Series
• “It’s Just Aims” Ideas-in-Progress Seminar Series
• Presubmission Grant Application Review
• Internal Mellon Institute Grants
• External Advisory Committee
  – Toni Darville
  – Henri Ford
  – Alison Morris
  – Steve Shapiro
Heartfelt Thanks

Diane E. Cline
Director of Research Administration
UPMC Children's Hospital of Pittsburgh
Department of Pediatrics

Clinical Service
Accomplishments

Erika Friehling, M.D.
Division of Pediatric Hematology-Oncology
Director, Office of Faculty Development
Cardiology 2
Endocrinology 7
Gastroenterology 9
Pulmonology 11
Nephrology 12
Neurology 14
Neonatology 15
Cancer 19
New Patient Access – Best Care for the Most Kids

UPMC Children's Hospital
Average Days to Schedule New Patients

Scheduled Month

Avg Days based on Patient Preference
Avg Days Scheduled
**Pediatrics Subspecialty Visits**

*CY 2021, July YTD Annualized*
Emergency Department Visits

July – 229 visits/day
August – 238 visits/day
Inpatient and Observation Unit Admissions

<table>
<thead>
<tr>
<th>Year</th>
<th>Inpatient Admissions</th>
<th>Observation Visits</th>
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<tbody>
<tr>
<td>AY15</td>
<td>12,432</td>
<td>8,293</td>
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<tr>
<td>AY16</td>
<td>12,549</td>
<td>8,772</td>
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<tr>
<td>AY17</td>
<td>12,333</td>
<td>9,693</td>
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<td>AY18</td>
<td>12,192</td>
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<tr>
<td>AY19</td>
<td>12,986</td>
<td>9,022</td>
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<tr>
<td>AY20</td>
<td>20,074</td>
<td>8,384</td>
</tr>
<tr>
<td>AY21</td>
<td></td>
<td>7,275</td>
</tr>
</tbody>
</table>
Average Daily Census

UPMC Children’s Hospital of Pittsburgh – Licensed for 313 Beds

July ADC 260 (83%)
August ADC 274 (88%)

* Totals may be exact due to rounding
UPMC Children’s Hospital Heroes

Prentis Hutchinson
Donell Booth
Angie Finney and Demita Brown
Latoya Smith
Ar Mumu and Michael Asser
Charles Thomas
UPMC Children's Hospital Heroes

Andrea Kunicky
Allegheny County New COVID-19-Positive Test Results

Judy Martin, M.D.
Allegheny County Health Department Data, September 8, 2021
Bold Predictions about the Future

Thoughts about the Virus

1. SARS-CoV-2 burns out (like SARS-CoV).

2. Variants of SARS-CoV-2 with increased transmissibility continue to be selected, prolonging the pandemic for years.

3. SARS-CoV-2 gradually diminishes in prevalence and joins the pantheon of human respiratory viruses.
Bold Predictions about the Future

Thoughts about Us

1. Respiratory virus infections will be more prevalent in children this fall and winter.

2. We will be wearing masks in healthcare settings for the foreseeable future.

3. We will care, educate, discover, advocate, and lead, while looking after ourselves and each other.
Department of Pediatrics

Divisional and Executive Leadership

Alejandro Hoberman
Bob Hickey
Unfortunate fish
Sylvia Choi, M.D.
May 1, 2021

Associate Professor of Pediatrics, University of Pittsburgh School of Medicine

Paul C. Gaffney Division of Pediatric Hospital Medicine

President, CHP Professional Staff (2021-2023)
Great Thanks – Research Administrative Management Team

Greg Adametz, Diane Cline, Vince Concel, Paul Dee, Colleen Frey, Lisa Gensler, Nancy Harter, Paula Hutson, Matt Lodovico, Christie Mull, and Shawn Ward
Great Thanks – Clinical Research Leaders

Jennifer Baker, Janet Bell, Weiping DeBlasio, David Groscost, Liz Hartigan, Diana Kearney, Lynnette Orlansky, Amber Shaffer, Susana Traub, and Shanon Young
Great Thanks – Clinical Administrative Management Team

Backrow
Lori Olszewski
Gina Torbic
Ernesto Rizzitano
Cindy Retort
Marilyn Cieri
Holly Schaupp
Michael Comunale
Michelle Capan
Jessica Saunders
Michael Roos

Front
Carilynn Coulter
Carrie Yopp
Sarah Gilbert
Whitney Lerch

Not in the Photo
Judy Biernesser
Annette Evans
Seth Young
The DOP Administrative Team

Michael Comunale, Colleen Frey, Michelle Hart, Nancy Harter, Melissa Heinbockel, Cheryl Hubner, Lori Johnston, Colleen Kelly, Brendan Linton, Rebecca Longo, Lori Olszewski, and Dominique White
The Dermody Lab Team

Pam Brigleb, Kay Fiske, Kira Griswold, Ada Izuogu, Chris Lee, Alexa Roth, Pengcheng Shang, Xay Somoulay, Danica Sutherland, Gwen Taylor, Olivia Welch, and Mikal Woods Acevedo
Thank You Miranda and Welcome Dominique!

Miranda Feldmann

Dominique White
The Amazing UPMC Children’s Hospital Leadership Team
The Amazing UPMC Children’s Hospital Leadership Team

Matt Baverso and Koala Café Teammates
The Amazing UPMC Children’s Hospital Leadership Team