



# State of the Department of Pediatrics 2020

**Terence S. Dermody**

University of Pittsburgh School of Medicine  
UPMC Children's Hospital of Pittsburgh

**Pediatrics Grand Rounds**  
**September 10, 2020**

# Financial Disclosures

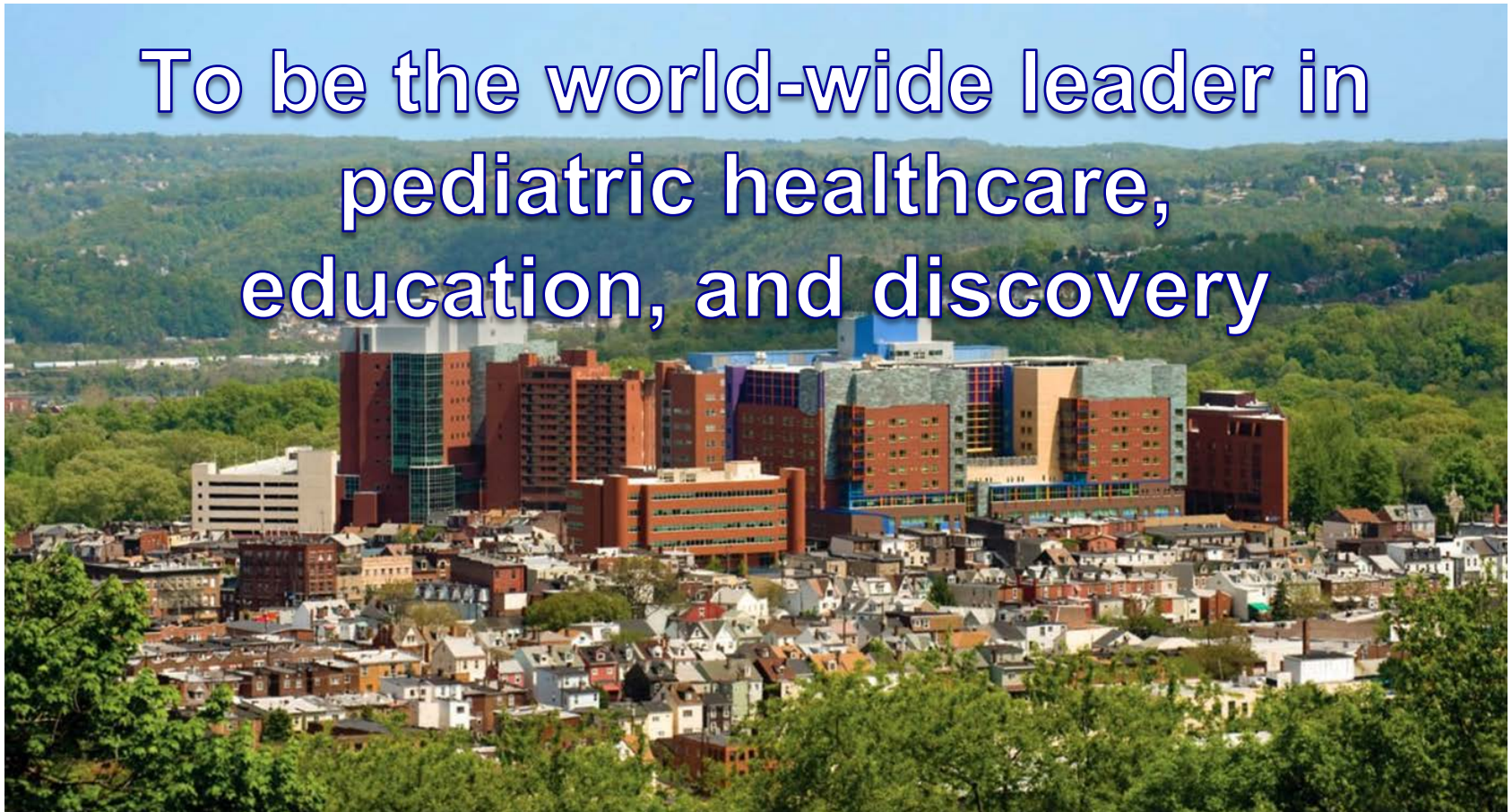
A pandemic is very  
expensive!

# Today's Game Plan

- Department Overview
- Major Discoveries
- Education, Training, and Career Development Updates
- Clinical Service Accomplishments
- Important New Initiatives
- 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

26 Divisions, Centers, and Institutes

➤ Faculty: 336 ↑ 4

# 1334 and Growing!

➤ Graduate Students: 32 ↓ 3

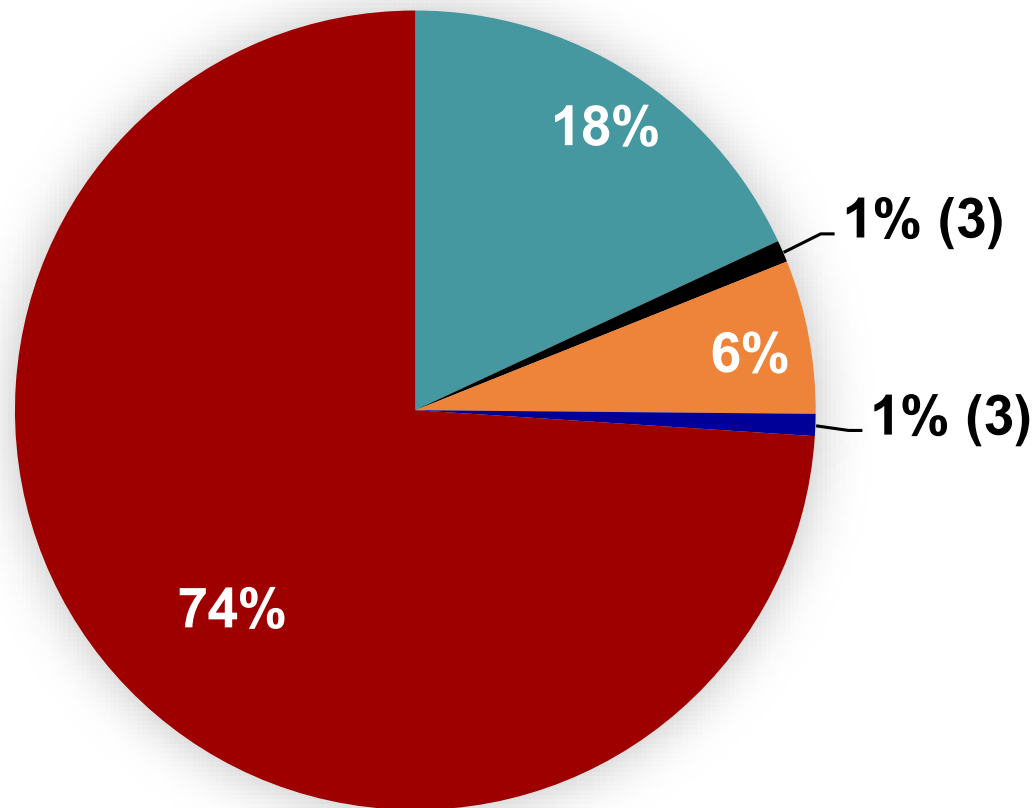
➤ Research Staff 264 ↑ 14

➤ Clinical Staff 386 ↑ 12

➤ Administrative Staff 31 ↓ 1

# Faculty Ethnicity Distribution

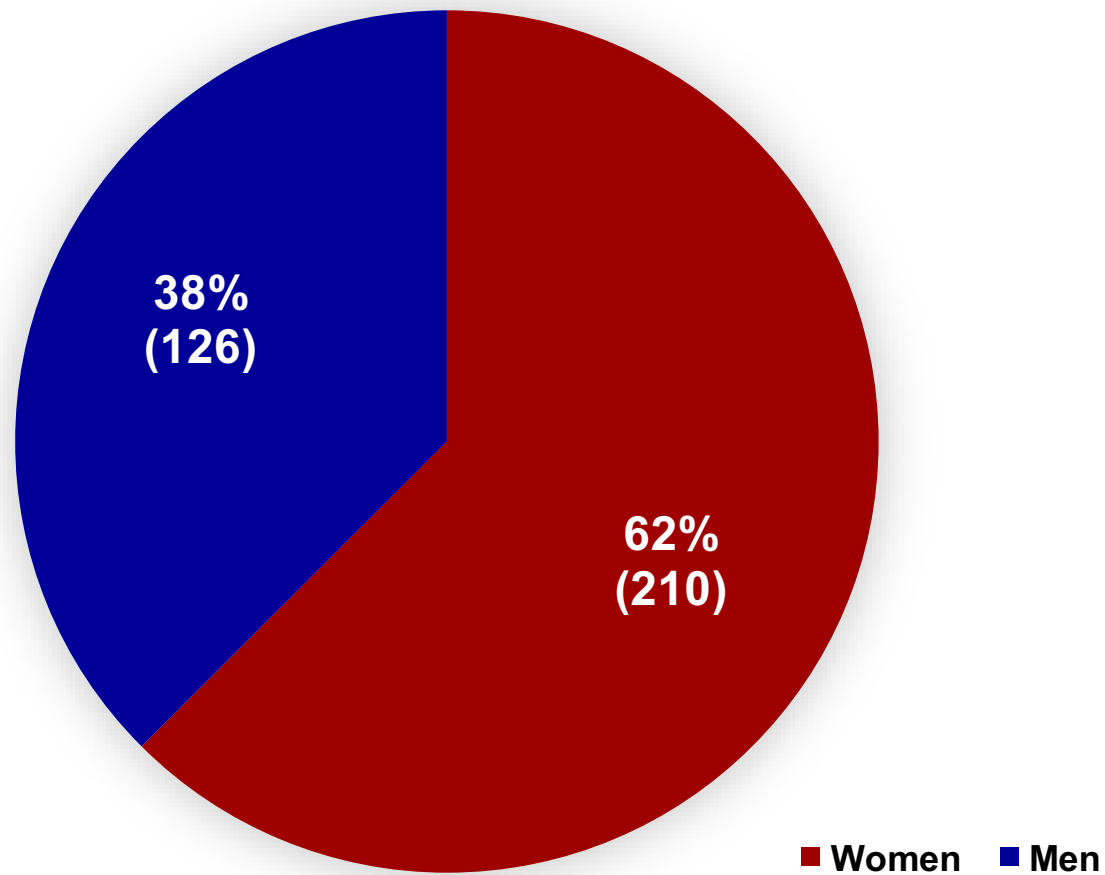
Faculty by Ethnicity/Race



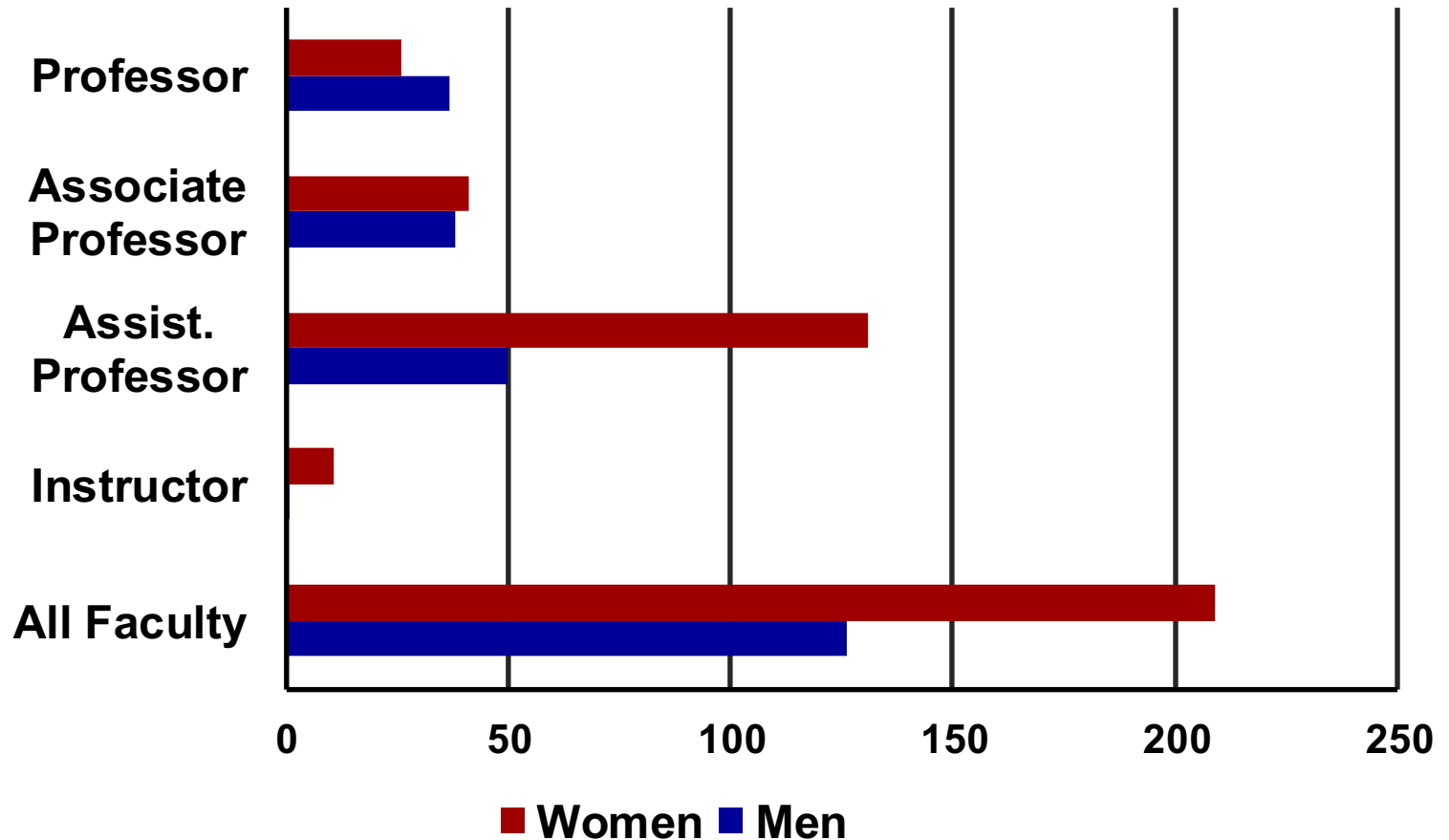
■ Asian ■ Black or African American ■ Hispanic or Latino ■ Multiple Races ■ White

# Faculty Gender Distribution

Faculty by Gender

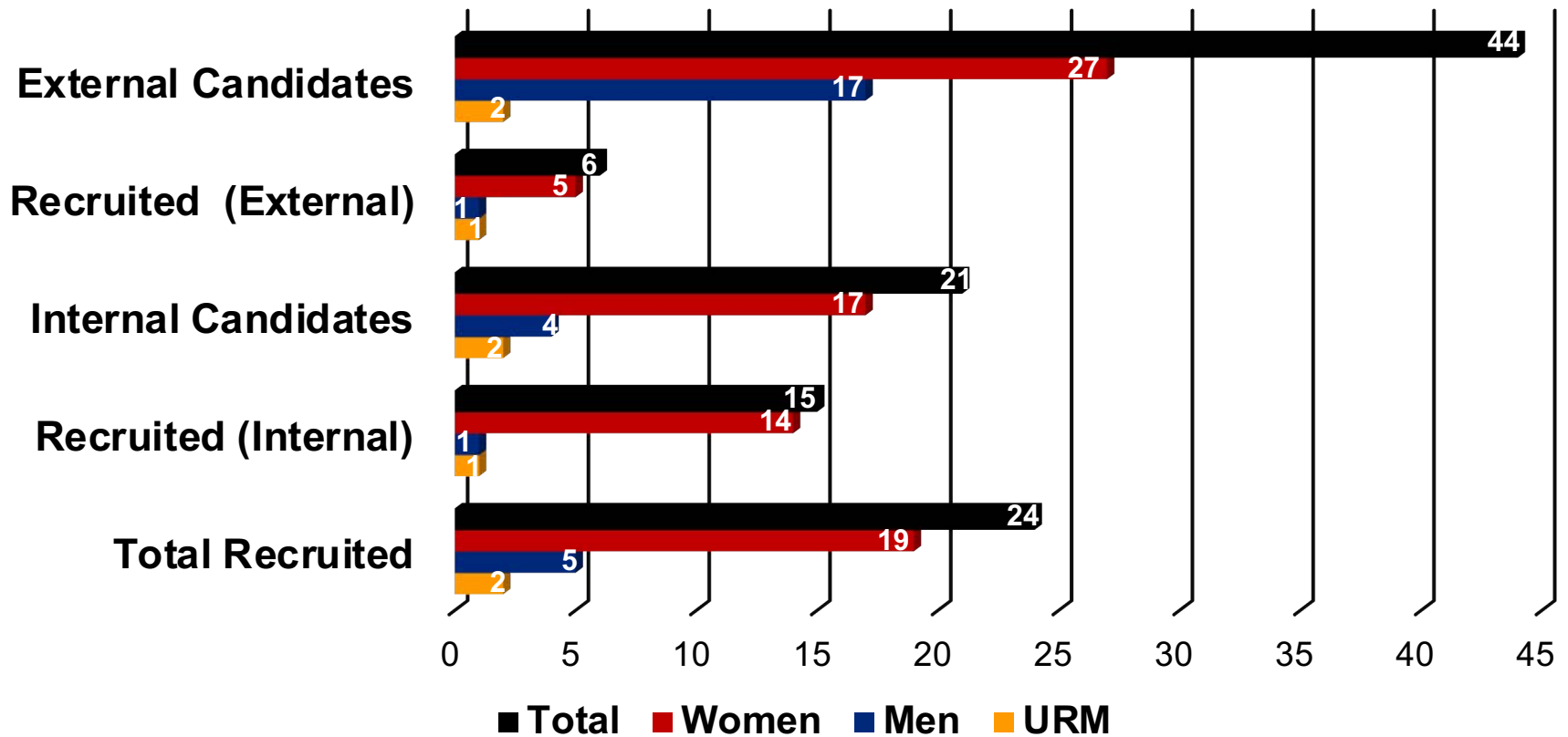


# Faculty by Rank and Gender





# FY20 Recruitment



# Faculty Promotions

(As of August 1, 2020)

<b>Mark DeBrunner</b>	<b>Cardiology</b>	<b>Associate Professor</b>
<b>Erika Friehling</b>	<b>Hematology-Oncology</b>	<b>Associate Professor</b>
<b>Jacqueline Ho</b>	<b>Nephrology</b>	<b>Associate Professor</b>
<b>Linda McAllister-Lucas</b>	<b>Hematology-Oncology</b>	<b>Wheeler Family Endowed Chair</b>
<b>Al-Walid Mohsen</b>	<b>Genetics</b>	<b>Research Professor</b>
<b>Kristin Ray</b>	<b>General Academic Pediatrics</b>	<b>Associate Professor</b>
<b>Nader Shaikh</b>	<b>General Academic Pediatrics</b>	<b>Professor</b>
<b>Tony Tarchichi</b>	<b>Hospitalist Medicine</b>	<b>Associate Professor</b>

# Major Faculty Awards



Rachel Berger – Cribs for Kids Women of Achievement Award

Diego Chaves-Gnecco – Sheth Distinguished Faculty Award for International Achievement



Mike Green – American Society of Transplantation Infectious Diseases Community of Practice Award

Elizabeth Hewett – American Red Cross Scientific Advisory Council



Sandy Kim – Crohn's and Colitis Foundation Uniting to Care and Cure Award



Sanjay Lambore – UPSOM Clerkship Preceptor of the Year



# Major Faculty Awards



Linda McAllister-Lucas – Society for Pediatric Research Council

Andy Nowalk – UMPC Award for Commitment and Excellence in Service (ACES)



Katie Polak – William I. Cohen Teacher of the Year Award

Kristin Ray – Top 10 Paper of the Year in *Pediatrics*



Amr Sawalha – American College of Rheumatology Henry Kunkel Early Career Investigator Award

John Williams – American Pediatric Society Norman Siegel Outstanding Science Award



# Society for Pediatric Research



Brian Campfield, Scott Canna, Jennifer Marin, Anita McElroy  
and Mousumi Moulik

# American Pediatric Society

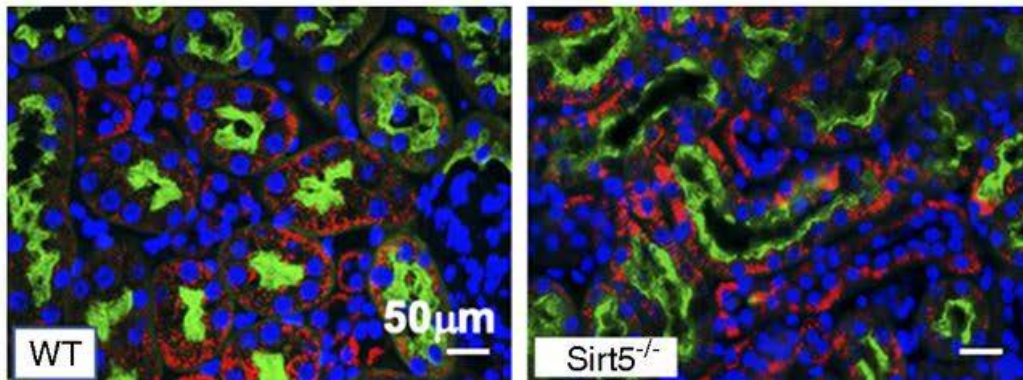


Tom Diacovo, Amy Houtrow, Jackie Kreutzer, Marian Michaels,  
and John Williams

# Department of Pediatrics

## Major Discoveries

Baseline - Tomm20/LTL/DAPI



Sunny Sims-Lucas, Ph.D.  
Sirtuin 5 Regulates Proximal Tubule Fatty  
Acid Oxidation to Protect against AKI (J Am  
Soc Nephrol, 2019)

# Poholek



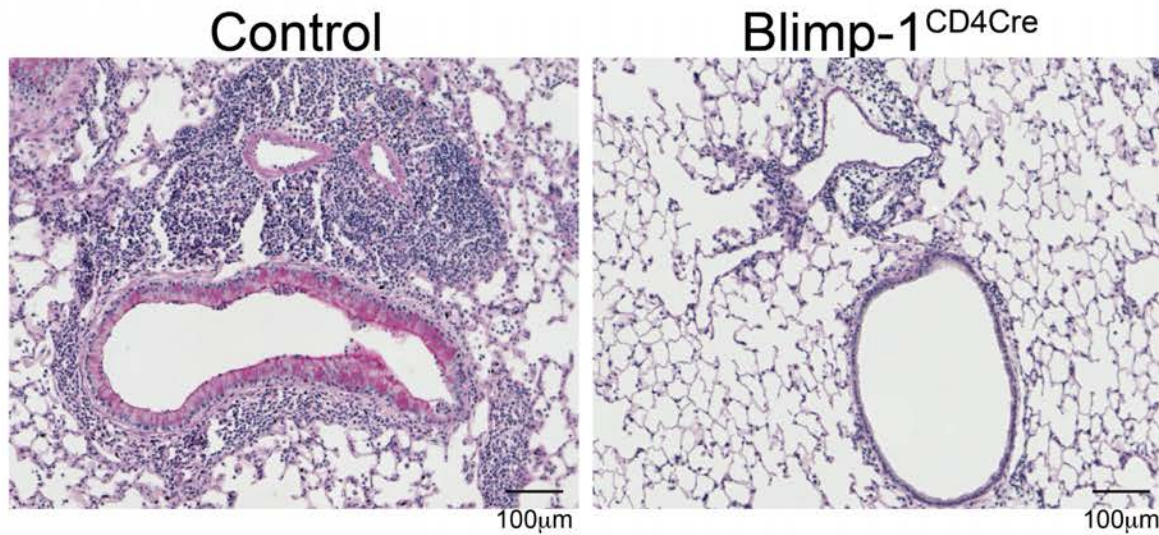
## Blimp-1 is essential for allergen-induced asthma and Th2 cell development in the lung

Kun He<sup>1,2\*</sup>, Angela Hettinga<sup>1,2\*</sup>, Sagar Laxman Kale<sup>2,3</sup>, Sanmei Hu<sup>2,3</sup>, Markus M. Xie<sup>4</sup>, Alexander L. Dent<sup>4</sup>, Anuradha Ray<sup>2,3</sup>, and Amanda C. Poholek<sup>1,2</sup>

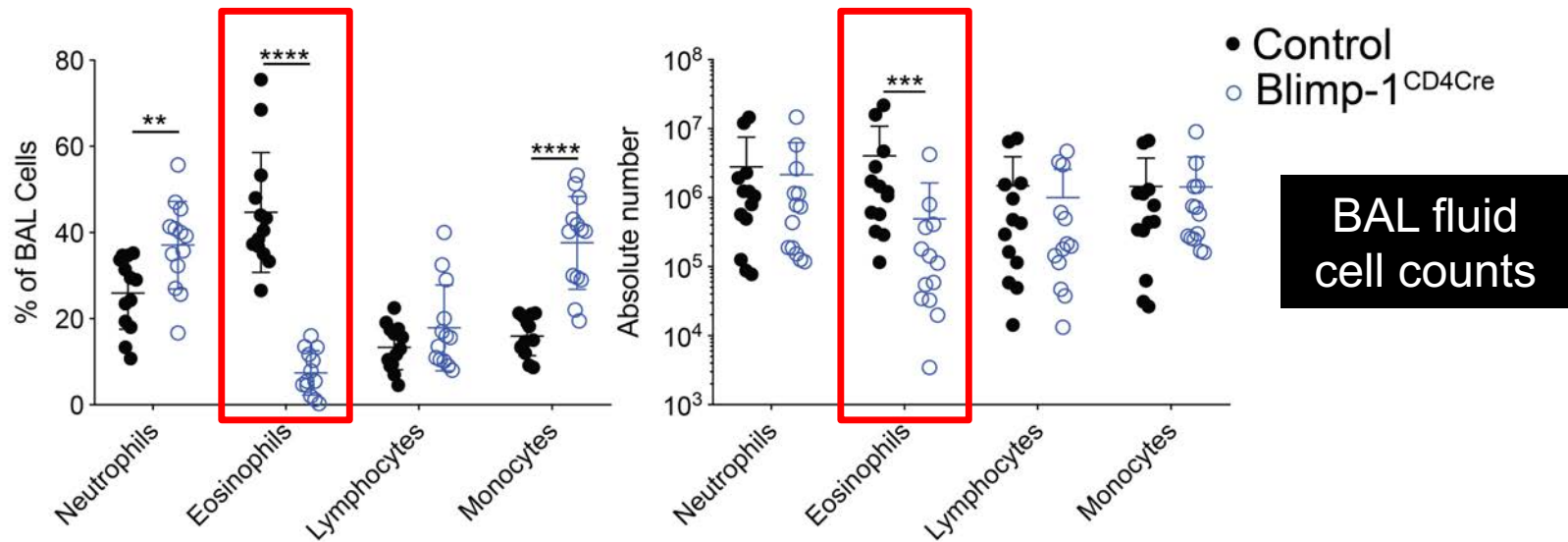
J. Exp. Med. **217**:e20190742, 2020



# T Cell Expression of Blimp-1 Promotes Allergic Lung Inflammation



Intranasal immunization with house dust mite antigen



# McAllister and Lucas



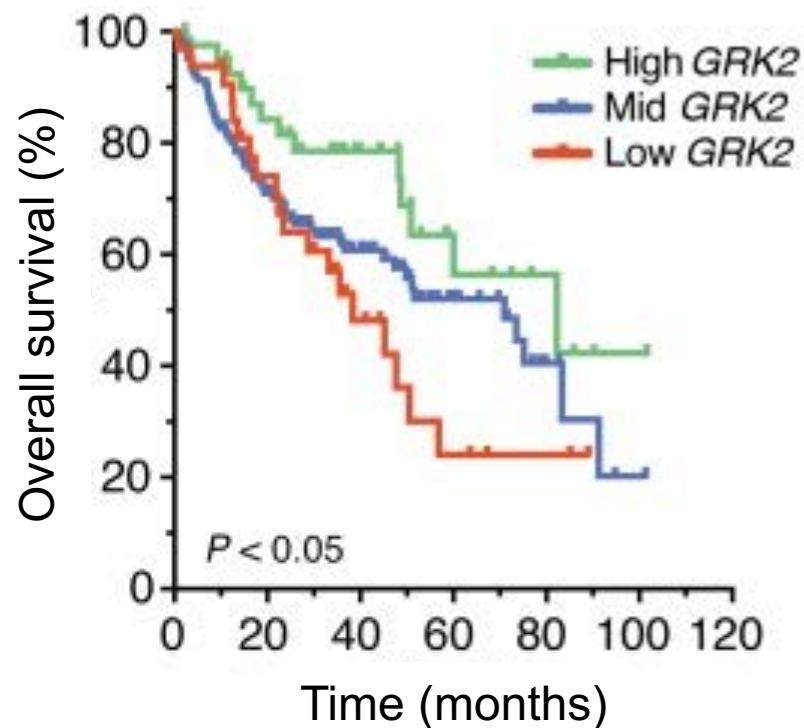
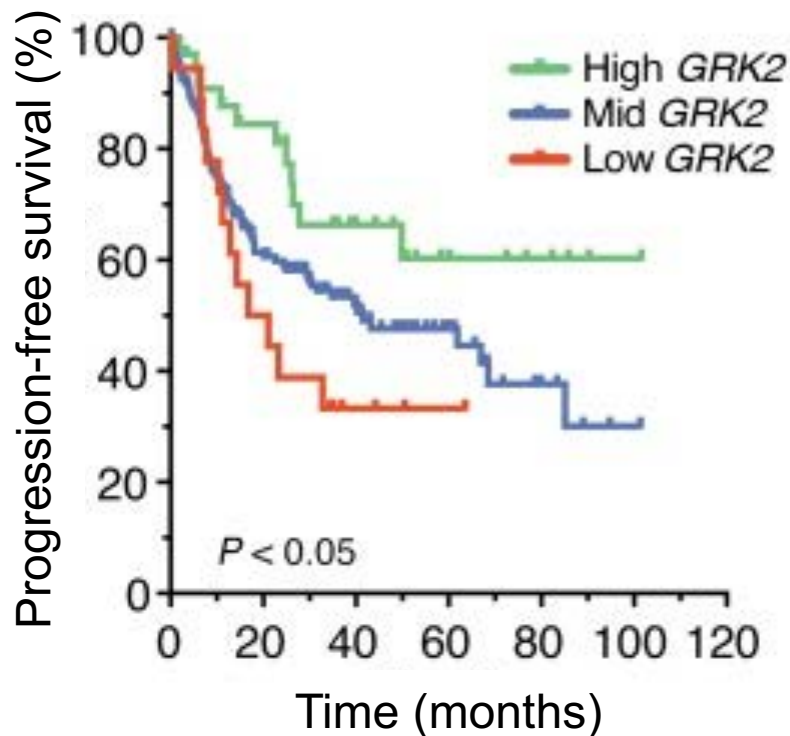
## GRK2 suppresses lymphomagenesis by inhibiting the MALT1 proto-oncoprotein

Jing Cheng,<sup>1</sup> Linda R. Klei,<sup>1</sup> Nathaniel E. Hubel,<sup>1,2</sup> Ming Zhang,<sup>3</sup> Rebekka Schairer,<sup>3</sup> Lisa M. Maurer,<sup>1</sup> Hanna B. Klei,<sup>1</sup> Heejae Kang,<sup>2</sup> Vincent J. Concel,<sup>1</sup> Phillip C. Delekta,<sup>4</sup> Eric V. Dang,<sup>5</sup> Michelle A. Mintz,<sup>5</sup> Mathijs Baens,<sup>6,7</sup> Jason G. Cyster,<sup>5,8,9</sup> Narayanan Parameswaran,<sup>10</sup> Margot Thome,<sup>3</sup> Peter C. Lucas,<sup>2</sup> and Linda M. McAllister-Lucas<sup>1</sup>

<sup>1</sup>Department of Pediatrics and <sup>2</sup>Department of Pathology, University of Pittsburgh School of Medicine and UPMC Hillman Cancer Center, Pittsburgh, Pennsylvania, USA. <sup>3</sup>Department of Biochemistry, Center of Immunity and Infection, University of Lausanne, Epalinges, Switzerland. <sup>4</sup>Department of Microbiology and Molecular Genetics, Michigan State University, East Lansing, Michigan, USA. <sup>5</sup>Department of Biophysics and Biochemistry, UCSF, San Francisco, California, USA. <sup>6</sup>Human Genome Laboratory, VIB Center for the Biology of Disease, and <sup>7</sup>Center for Human Genetics, Katholieke Universiteit Leuven, Leuven, Belgium. <sup>8</sup>Howard Hughes Medical Institute and <sup>9</sup>Department of Microbiology and Immunology, UCSF, San Francisco, California, USA. <sup>10</sup>Department of Physiology, Michigan State University, East Lansing, Michigan, USA.

J. Clin. Invest. **130**:1466, 2020

# Higher GRK2 Expression Levels Are Associated with Increased Survival in Activated B Cell-Type Diffuse Large B Cell Lymphoma



# *Forno and Celedón*



# JAMA<sup>®</sup>

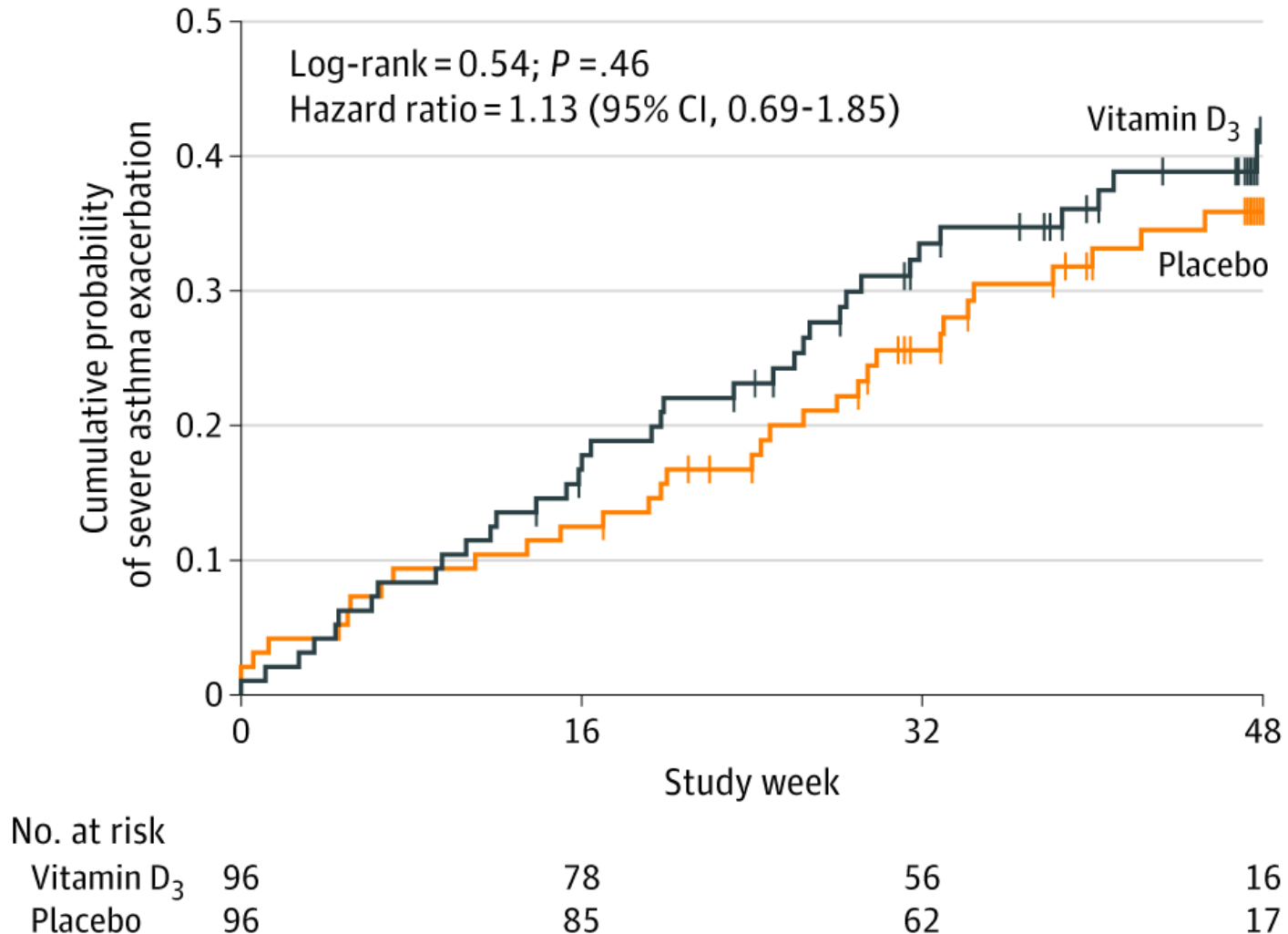
The Journal of the American Medical Association

## **Effect of Vitamin D<sub>3</sub> Supplementation on Severe Asthma Exacerbations in Children With Asthma and Low Vitamin D Levels The VDKA Randomized Clinical Trial**

Erick Forno, MD, MPH; Leonard B. Bacharier, MD; Wanda Phipatanakul, MD, MS; Theresa W. Guilbert, MD, MS;  
Michael D. Cabana, MD, MPH; Kristie Ross, MD, MS; Ronina Covar, MD; James E. Gern, MD;  
Franziska J. Rosser, MD, MPH; Joshua Blatter, MD, MPH; Sandy Durrani, MD; Yueh-Ying Han, PhD;  
Stephen R. Wisniewski, PhD; Juan C. Celedón, MD, DrPH

**JAMA 324:752-760, 2020**

# Effect of Vitamin D Supplementation on Time to a First Asthma Exacerbation



# Arslanian



## The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

### A Randomized, Controlled Trial of Liraglutide for Adolescents with Obesity

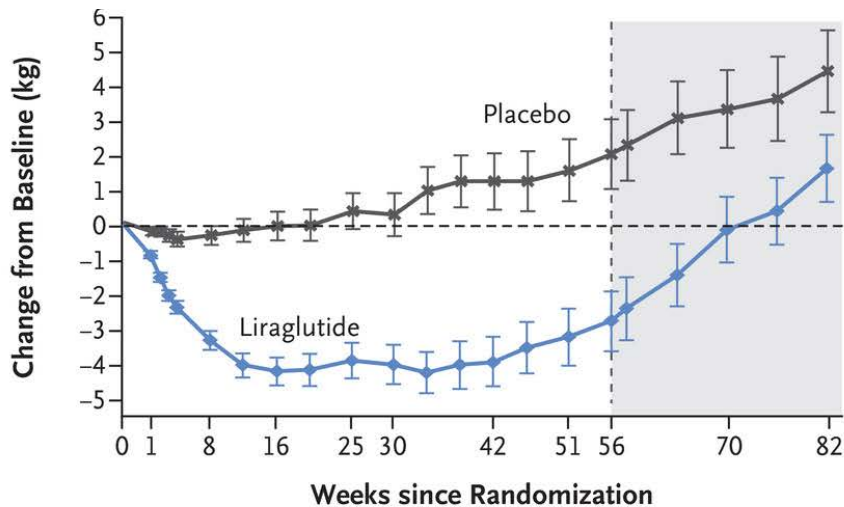
Aaron S. Kelly, Ph.D., Pernille Auerbach, M.D., Ph.D., Margarita Barrientos-Perez, M.D.,  
Inge Gies, M.D., Ph.D., Paula M. Hale, M.D., Claude Marcus, M.D., Ph.D.,  
Lucy D. Mastrandrea, M.D., Ph.D., Nandana Prabhu, M.Sc.,  
and Silva Arslanian, M.D., for the NN8022-4180 Trial Investigators\*

N. Engl. J. Med. **382**:2117-2128, 2020

# Effect of Liraglutide on Body Weight in Overweight Teenagers

Liraglutide, a glucagon-like peptide 1 (GLP-1) analogue

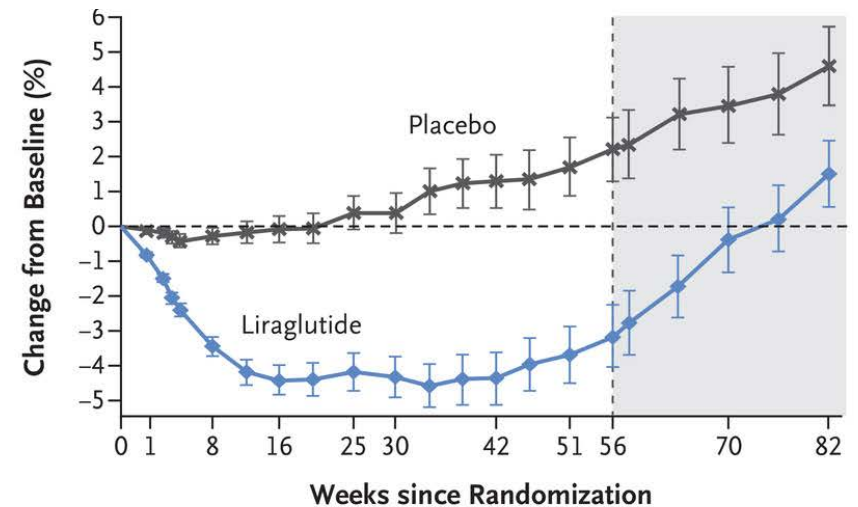
Absolute Change in Body Weight



No. of Participants

Placebo	126	125	123	116	116	105	101	105	97	102
Liraglutide	125	123	119	118	119	110	107	113	106	112

Relative Change in Body Weight



No. of Participants

Placebo	126	125	123	116	116	105	101	105	97	102
Liraglutide	125	123	119	118	119	110	107	113	106	112

Average age = 14.5 years / average BMI = 35 kg/m<sup>2</sup>

*Miller*



# JAMA Pediatrics

JAMA Pediatrics | [Original Investigation](#) | IMPACT OF POLICY ON CHILDREN

## An Athletic Coach-Delivered Middle School Gender Violence Prevention Program A Cluster Randomized Clinical Trial

Elizabeth Miller, MD, PhD; Kelley A. Jones, PhD, MPH; Lisa Ripper, MPH; Taylor Paglisotti, BA; Paul Mulbah, BS;  
Kaleab Z. Abebe, PhD

JAMA Pediatr. **174**:241-9, 2020



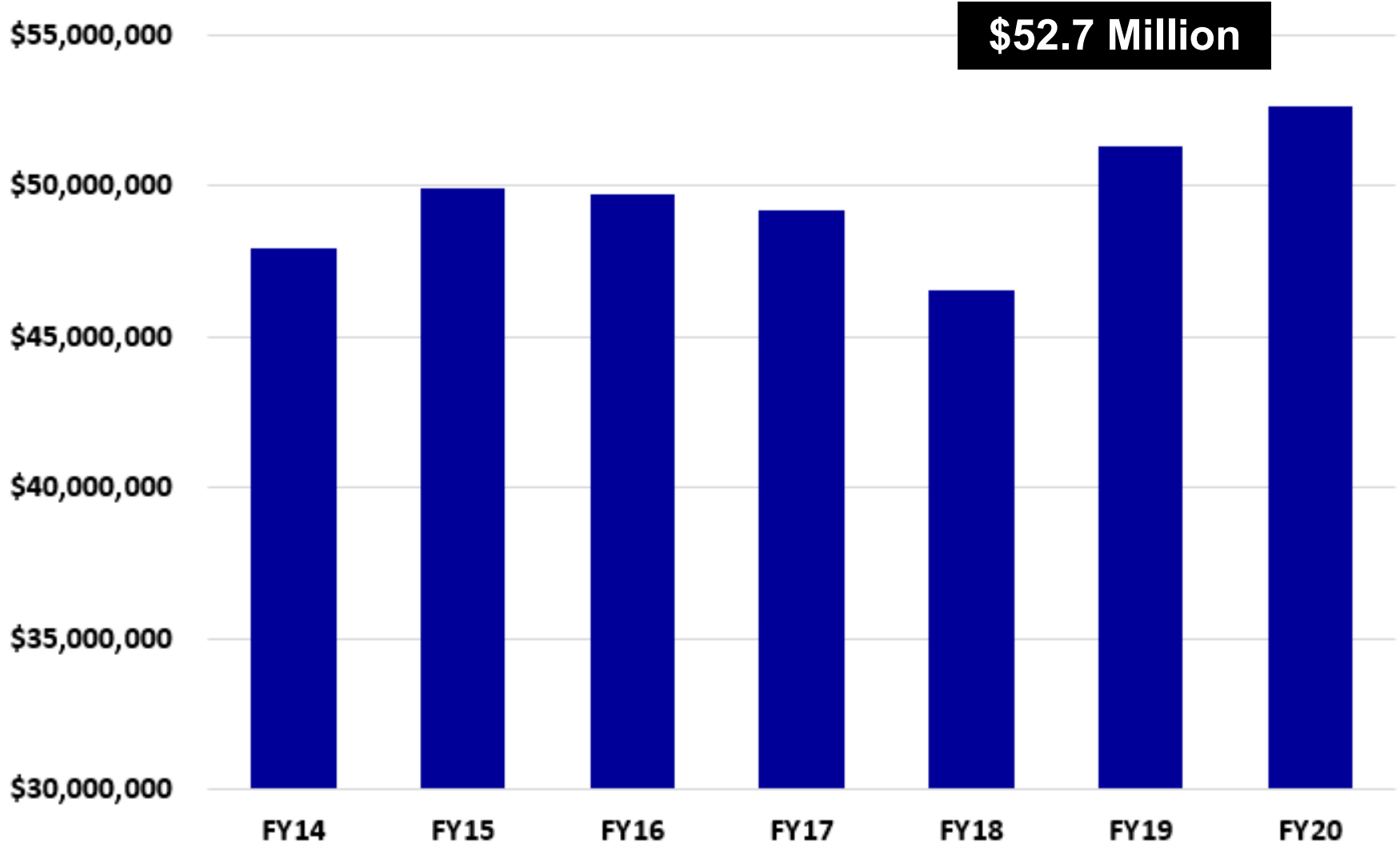
# Effectiveness of *Coaching Boys Into Men* Training Program

## Intervention Effects at End of Sport Season and 1-Year Follow-up

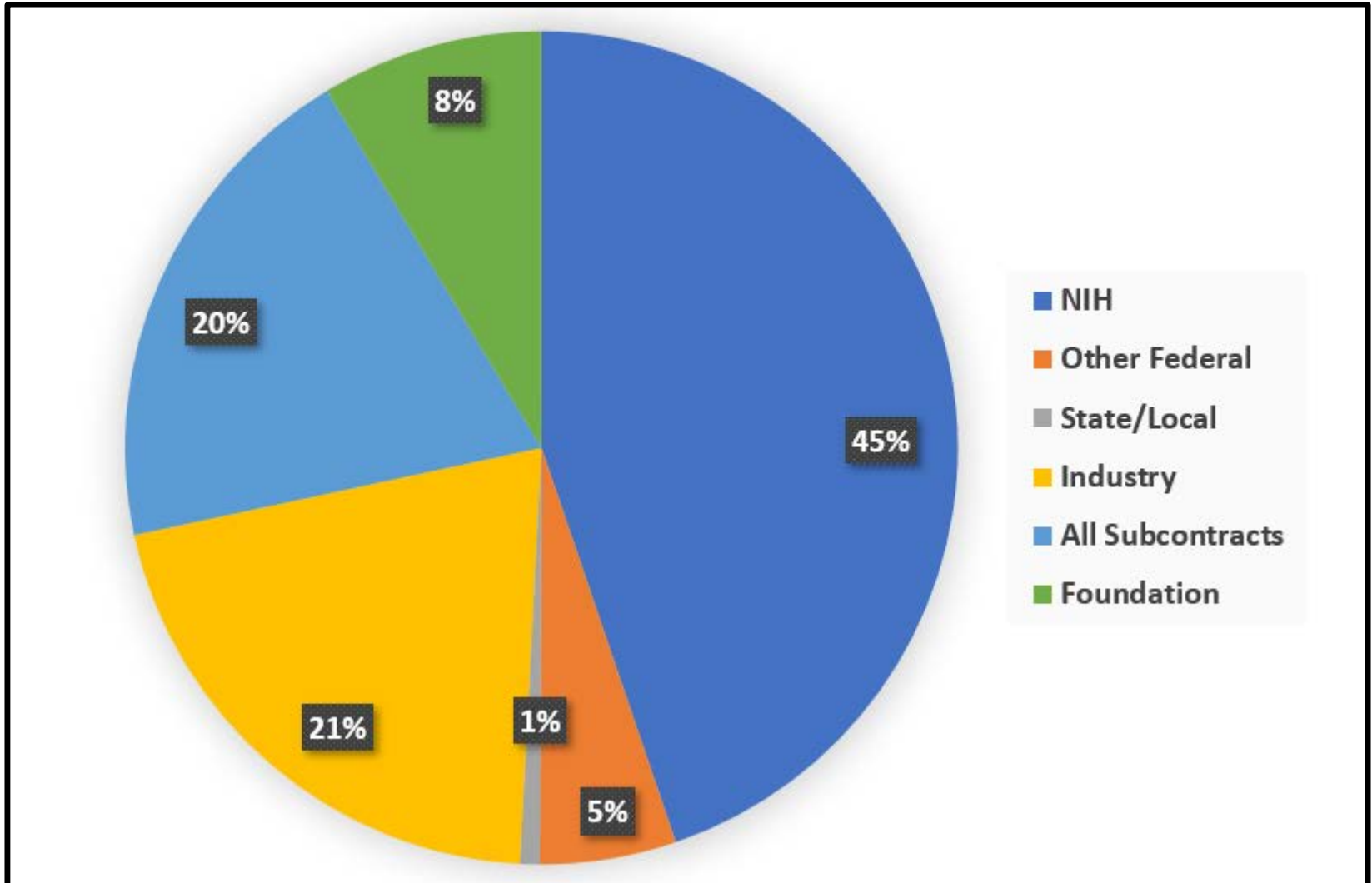
Summary Score (Count) Outcomes	RR (95% CI)	
	End of Sport Season	1-y Follow-up
	Intervention (n = 920)	Intervention (n = 824)
Primary		
Positive bystander intervention behaviors	1.51 (1.06 to 2.16)	1.53 (1.10 to 2.12)
ICC	0.0070	0.018

***Coaching Boys Into Men*** trains athletic coaches to talk to male athletes about (1) respectful relationship behaviors, (2) promoting more gender-equitable attitudes, and (3) positive bystander intervention.

# Pediatrics Research Revenue



# Distribution of Research Funding



# New K Awards – FY 2020



Name	Division	Title	Annual Budget	Award Number	Begin - End Date
Culyba, Alison	Adolescent Medicine	Strengthening Adolescent-Adult Networks to Reduce Youth Violence	\$157,450	K23-HD098277	7/5/2019 - 6/30/2024
Ghaloul-Gonzalez, Lina	Medical Genetics	Precision Genomic Medicine in the Plain Communities and its Impact on the Plain and General Population	\$182,072	K08-HG010490	9/12/2019 - 6/30/2024
Hooven, Thomas	Neonatology	A Rationally Targeted Approach to Preventing GBS Infection	\$189,972	K08-AI132555	2/1/2020 - 1/31/2022
Stenger, Elizabeth	Bone Marrow Transplant/Cell Therapy	Improving Haploidentical Stem Cell Engraftment in Sickle Cell Disease Using Autologous Mesenchymal Stromal Cells	\$187,812	K23-HL133446	8/10/2019 - 7/31/2020

# New Major Grants – FY 2020



Name	Division	Title	Agency Title	FY 20 Award	Award Number	Project Begin/End Dates
Abdel-Hamid, Hoda	Neurology	A Prospective Long-Term Registry of Patients with a Diagnosis of Spinal Muscular Atrophy	AveXis	\$ 284,399	CLT	1/15/20 - 1/14/22
Byersdorfer, Craig	Bone Marrow Transplant/Cell Therapy	Leveraging T Cell Metabolism to Improve Anti-Cancer	USAMRAA	\$ 308,254	W81XWH1910291	7/1/19 - 6/30/21
Coyne, Carolyn	Center for Microbial Pathogenesis	Innate Immune Signaling in Placental Antiviral Defenses	NIH	\$ 712,831	R01-AI145828	7/1/19 - 6/30/24
Coyne, Carolyn	Center for Microbial Pathogenesis	The Role of FcRn in echovirus Entry and Pathogenesis	NIH	\$ 438,653	R01-AI150151	1/1/20 - 12/31/24
Coyne, Carolyn	Center for Microbial Pathogenesis	Enterovirus Infection of Polarized Epithelial Cells	NIH	\$ 382,448	R01-AI081759	6/15/20 - 5/31/25
Dermody, Terence	Infectious Diseases	Pediatric Research Training Program for Subspecialty Fellows	NIH	\$ 414,831	T32-HD071834	5/1/20 - 4/30/25
Dong, Hengjiang	Endocrinology	Myeloid FoxO1 in Lipid Metabolism	NIH	\$ 408,222	R01-DK120310	8/1/19 - 7/31/23
Escolar, Maria	Medical Genetics	Treatment of Krabbe Disease Using Gene Therapy: Continuation - Supplemental Funding	TLOAF	\$ 943,401	N/A (Foundation)	10/1/19 - 9/30/20



# New Major Grants – FY 2020



Name	Division	Title	Agency Title	FY 20 Award	Award Number	Project Begin/End Dates	
Kuhn, Bernhard	Heart Regeneration Institute	Lamin B2 Regulates Nuclear Remodeling in Cardiomyocyte Terminal Differentiation	NIH	\$ 382,210	R01-HL151415	4/1/20 - 3/31/24	
Kuhn, Bernhard	Heart Regeneration Institute	Quercetin Reverses Cardiac Dysfunction and its Reversal in Pediatric Patients	<b>First R01 Grants</b>		421,675	R01-HL151386	6/15/20 - 5/31/24
Manni, Michelle L	Pulmonology	Immune Mediators of IL-22 Signaling Alter Allergic Airway Disease	NIH	\$ 413,571	R01-HL146445	3/1/20 - 2/28/25	
Moulik, Mousumi	Cardiology	Tead1 and Cardiac Adaptation	NIH	\$ 379,950	R01-HL147946	7/1/19 - 6/30/24	
Pilewski, Joseph	Pulmonology	A Phase 3, Open-label Study Evaluating the Long-term Safety of VX-445 Combination Therapy in Subjects With Cystic Fibrosis	Vertex	\$ 316,662	CLT	8/29/19 - 8/28/21	
Sawalha, Amr	Rheumatology	Characterizing the Takayasu Arteritis Genetic Risk in RPS9/LILRB3	NIH	\$ 470,292	R01-AR070148	7/12/19 - 4/30/22	
Torok, Kathryn	Rheumatology	Defining Dysregulated Immune and Fibrotic Pathways in Morphea	NIH	\$ 289,149	R56-AR075761	9/15/19 - 8/31/20	
Williams, John	Infectious Diseases	New Vaccine Surveillance Network Supplement 2	CDC	\$ 250,000	U01-IP001051	9/1/19 - 8/31/20	

# Foundation Leadership Team



President  
**RACHEL  
PETRUCELLI**



VP, Development  
**KAREN  
DEPPERMAN**



VP, Community  
Relations  
**ROBIN  
WEBER**



VP, Strategic  
Engagement  
**LARYSA  
GRADECK**



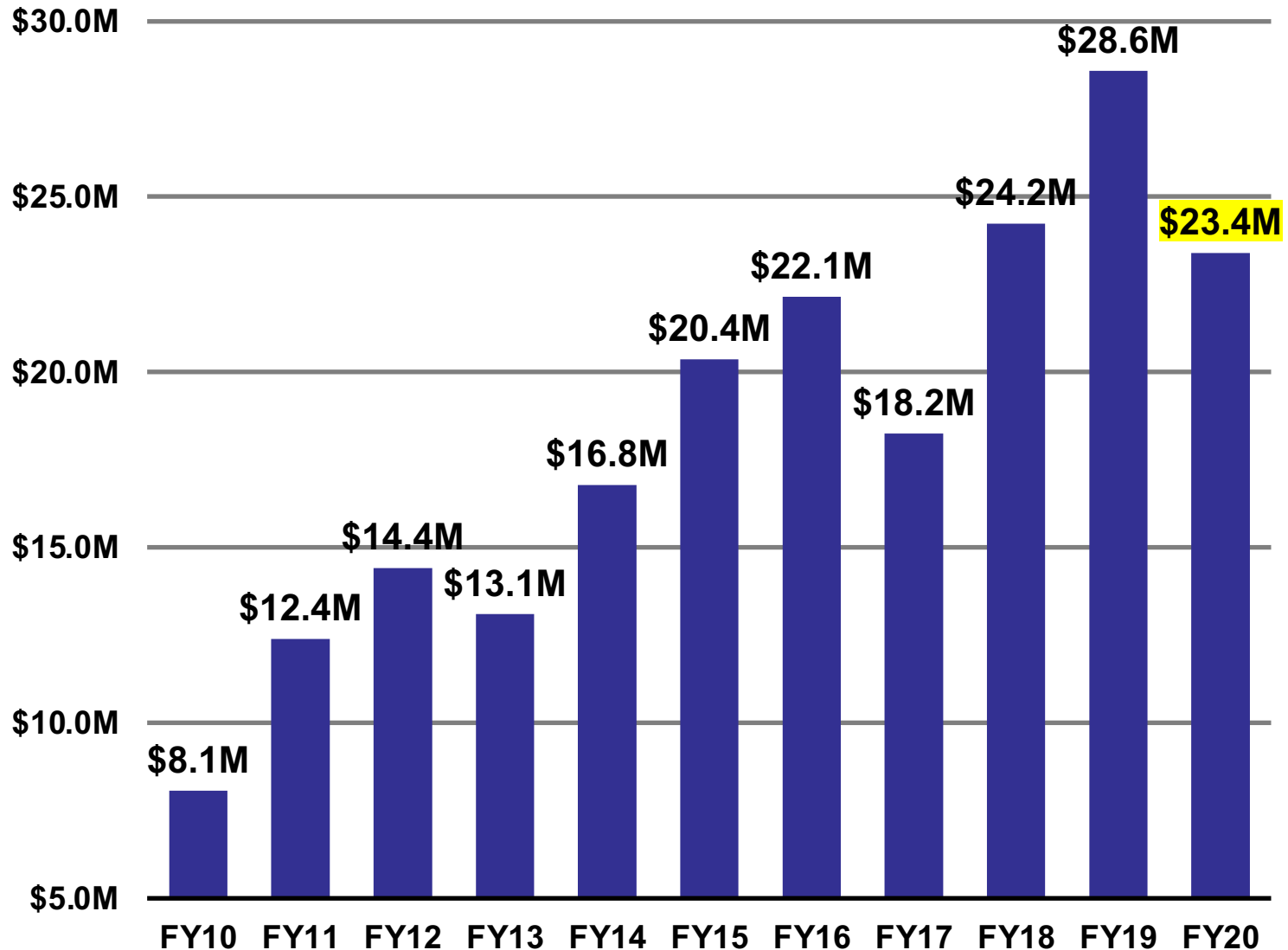
CFO and VP,  
Operations  
**GREG  
KEEGAN**



**Executive Leadership**



# Total Fundraising Progress



# Foundation Activities

**Total FY 2020 Funding to the Hospital \$27.5M**

Unrestricted  
\$9.1M

Centers for Rare Disease Therapy  
Child Advocacy  
Child Life Department  
Community Relations  
Family Care Connection Centers  
Healthy Tomorrow Program  
Hospitality Services  
International Department  
Injury Prevention Center  
Pastoral Care  
Pediatric Simulation Center  
Ronald McDonald Caremobile  
Sibling Center  
Supportive Care Program  
Trauma Centers  
Volunteer Services

Free Care  
\$1.6M

Provides care to every child in the community, regardless of their family's ability to pay.

Temp Restricted  
\$12.5M

Adolescent Medicine  
Child Life  
Endocrinology  
Genetics  
Hematology and Oncology  
Neurosurgery  
Transplant

Endowments  
(including Endowed Chairs)  
\$4.3M

Camps  
CEAT  
Divisions/Program Operations  
Employee and Medical  
Education  
Fellowships  
Lectureships  
Pastoral Care  
Patient and Family Support  
Research  
Supportive Care Program  
Teaching

# Department of Pediatrics

## Education, Training, and Career Development Updates

COVID19

Learn About  
Coronavirus

Megan Freeman, MD, PhD

Testing and Treatment



Megan Freeman, M.D., Ph.D.  
Teaching the world about coronaviruses

# Undergraduate Medical Education

## Pediatric Clerkship-Directors



John  
Szymusiak



Aimee  
Biller

## Pediatric Clerkship-Co-Director



Emily  
Trauernicht

## Pediatric Acting Internship



Laura  
Panko



Allie  
Rometo

## Pediatric EM



Brett  
McAninch

## Pediatric Advanced Physical Exam



Andrew  
McCormick



Neema  
Shah

## Pediatric Electives

17 subspecialty electives  
2019-20: 50 Pitt and  
38 visiting students



Marlynn  
Haigh

# Pediatric Residency Leadership



Rhett Lieberman

Ben Miller

Andy Nowalk

Katie Polak

Kate Watson

Jen Wolford

# Pediatric Residency Intern Class



**41!**

**Rachel Alade, MD**  
Frank H. Netter MD School of Medicine at Quinnipiac University

**Stephanie Amendola, MD**  
Geisinger Commonwealth School of Medicine

**Brittany Ashe, MD**  
Drexel University College of Medicine

**Sarah Bedoyan, MD**  
Case Western Reserve University School of Medicine

**Nour Gebara, MD**  
American University of Beirut Faculty of Medicine

**Margaret Gegick, MD**  
Tufts University School of Medicine

**Laura Grezzo, MD**  
Geisinger Commonwealth School of Medicine  
**Child Neuro**

**Nicholas Harris, MD PhD**  
Vanderbilt University School of Medicine  
**PedSDP**

**Rachel Hill, MD**  
The Warren Alpert Medical School of Brown University

**Aditi Jain, MD**  
Rutgers New Jersey Medical School

**Anne Kalinowski, MD**  
University of Michigan Medical School

**Samuel Kaplan, MD**  
Tulane University School of Medicine  
**PALS**

**Anisha Maheshwari, MD**  
The University of Toledo College of Medicine and Life Sciences

**Ryan Malave, MD**  
St. George's University School of Medicine  
**Child Neuro**

**Talya Mandelkern, MD**  
University of Pittsburgh School of Medicine  
**Med-Peds**

**Jessica Messier, MD PhD**  
Baylor College of Medicine

**Caroline Morris, DO**  
Philadelphia College of Osteopathic Medicine

**Ursula Parlin, MD**  
Sidney Kimmel Medical College at Thomas Jefferson University

**Jacob Pickle, MD**  
Lewis Katz School of Medicine at Temple University  
**Peds Anes**

**Sophia Rifkin, MD**  
Sackler School of Medicine - New York State American Branch

**Alexander Rowland, DO**  
Lake Erie College of Osteopathic Medicine

**Patrick Schlitt, MD**  
Sidney Kimmel Medical College at Thomas Jefferson University

**Jasmine Sondhi, MD**  
Donald and Barbara Zucker School of Medicine at Hofstra/Northwell  
**Child Neuro**

**Mikaela Speakes, MD**  
Saint Louis University School of Medicine  
**Child Neuro**

**Rebecca Speer, MD**  
Pennsylvania State University College of Medicine

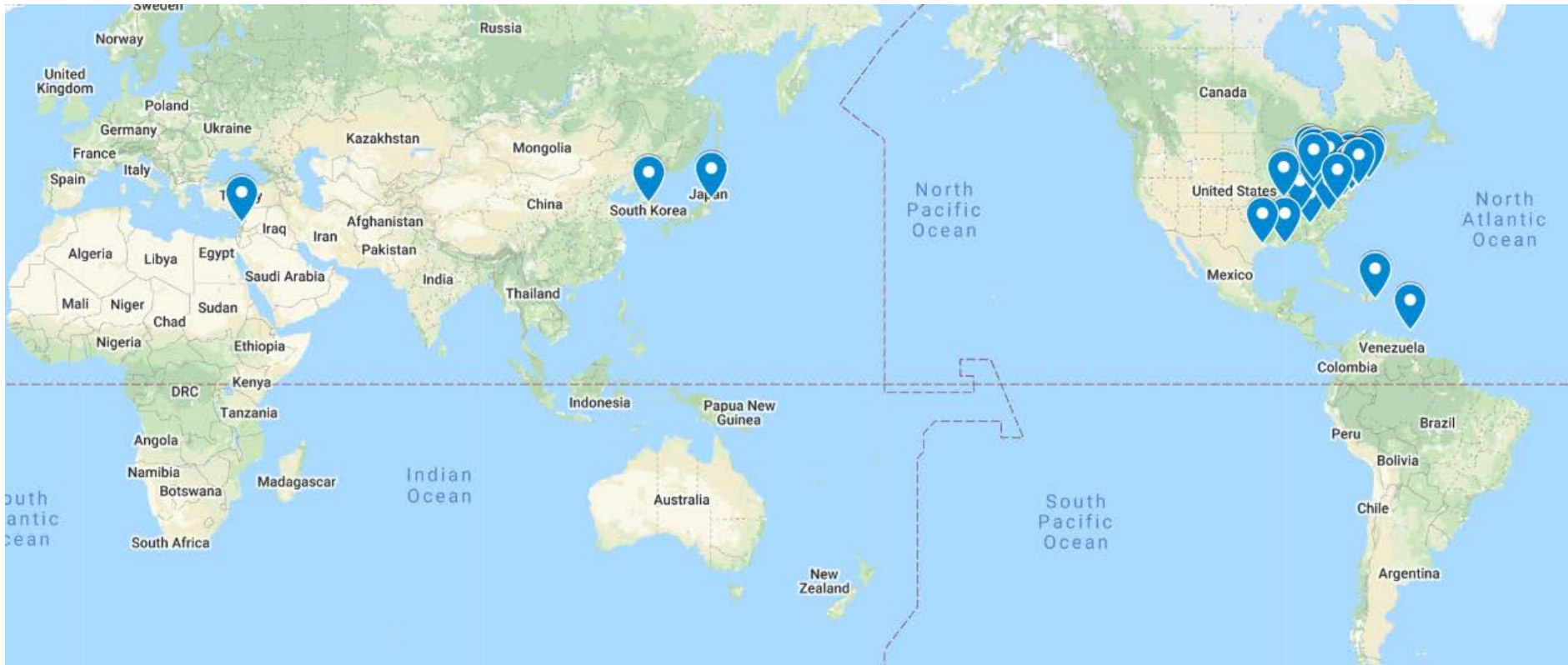
**Martha Stewart, MD**  
University of Virginia School of Medicine

**Rebecca Toback, MD**  
University of Michigan Medical School  
**Triple Board**

**Krishna Trivedi, MD**  
University of Missouri-Kansas City School of Medicine

**Hannah Wilson, MD**  
University of Chicago Division of the Biological Sciences The Pritzker School of Medicine

# Medical School Locations of Our Interns



# Pediatric Chief Residents



Nick Szoko

Rosemarie Mastropolo

Maia Taft

Braveen Ragunathan



# Resident Education

## *Top Performers*

---

Amanda Brown (H/O)

Kim Ritchey (H/O)

Sylvia Choi (PHM)

Arvind Srinath (GI)

Jenna Gaesser (Neuro)

Jane Taylor (Pulm)

Scott Maurer (H/O)

Kate Watson (GAP)

Andy Nowalk (ID)

Matthew Zinn (Card)



# 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
- Neonatal-Perinatal Medicine
- Nephrology
- Palliative Medicine (2021)
- Pulmonology
- Rheumatology
- Transplant Hepatology

# Fellowship Leadership Team



Noel Zuckerbraun, Arvind Srinath, and Pat Fustich



# OFD Education Innovation Grants



**Erin Cummings**, Pediatric Hospital Medicine

- Physician Nursing Residency Peer Mentorship Program



**Karena Lawrence**, Newborn Medicine

- Difficult Conversations in the NICU and Beyond



**Andrew McCormick**, Pediatric Hospital Medicine

- Anti-Racism in Medicine: Connecting the Thread from the Classroom to Clinical Ward in Medical Education



**Tahniat Syed**, Adolescent and Young Adult Medicine

- Enhancing a Curriculum in Pregnancy Options Counseling for Pediatric Residents with Patient Perspectives



**Orquidia Torres**, Adolescent and Young Adult Medicine

- Nothing Can Be Changed Until It Is Faced: An Innovative Anti-Racist Training Curriculum

# OFD Leadership Development Grant



Sonika Bhatnagar, M.D., M.P.H.

Assistant Professor of  
Pediatrics, University of  
Pittsburgh School of  
Medicine

## Program Components

- Leadership Principles by Harvard Business School Online

# Department of Pediatrics

## Clinical Service Accomplishments



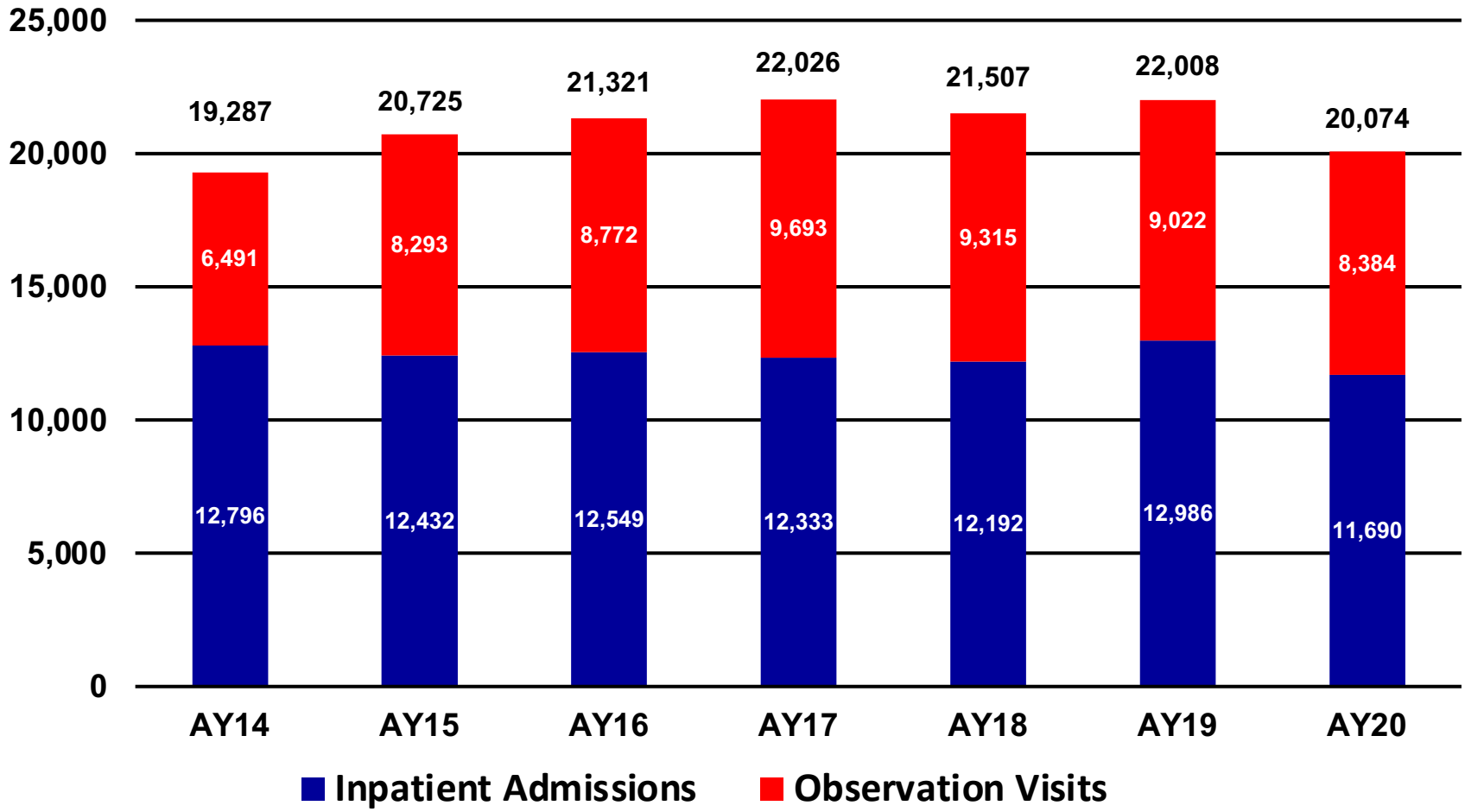
Brian Feingold, M.D.  
Division of Pediatric Cardiology  
Medical Director, Heart Failure  
and Heart Transplant Programs



Cardiology	2	
Endocrinology	7	
Gastroenterology	9	
Pulmonology	10	
Neonatology	13	↑35
Nephrology	13	
Neurology	13	
Cancer	18	↑15

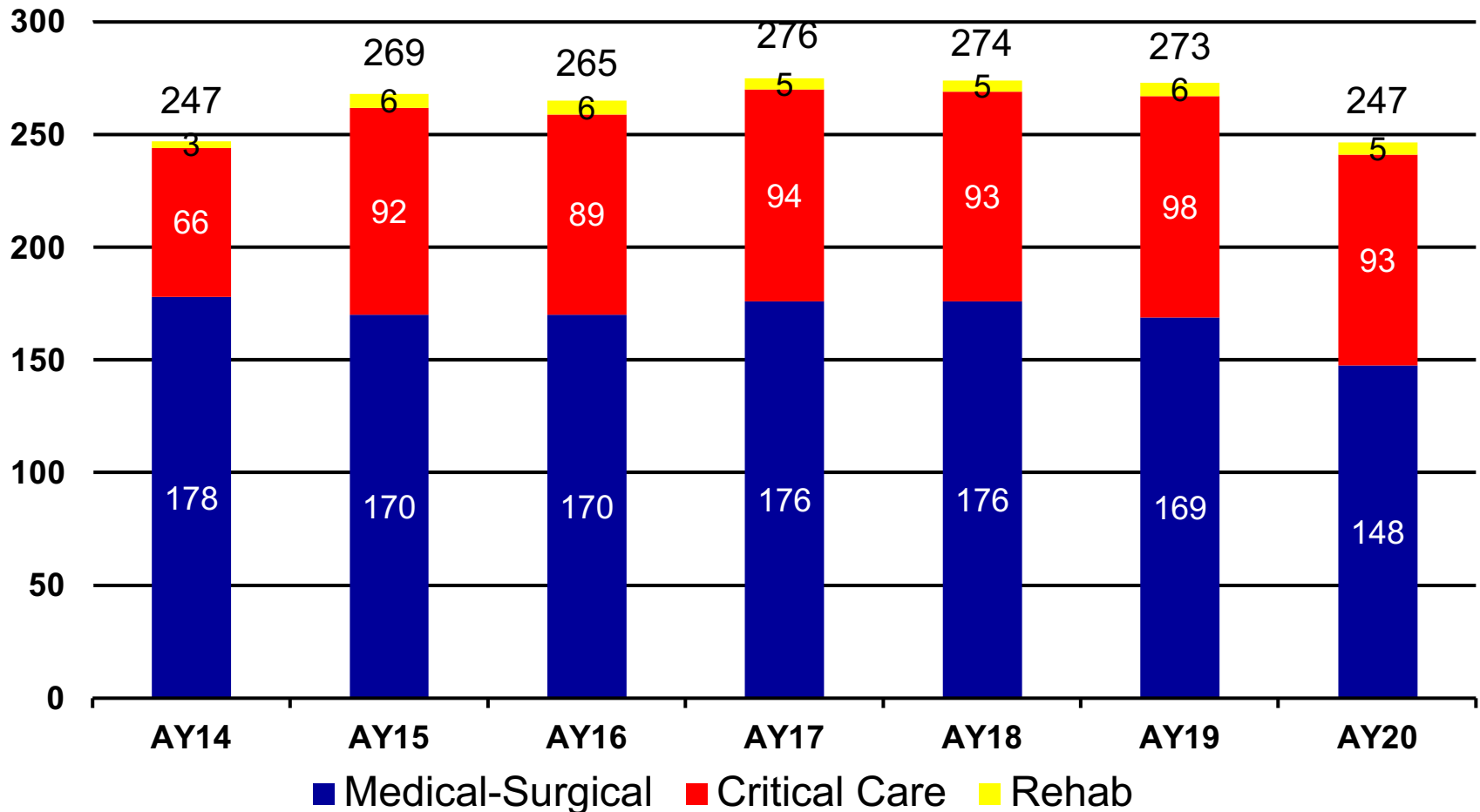


# Inpatient and Observation Unit Admissions



# Average Daily Census

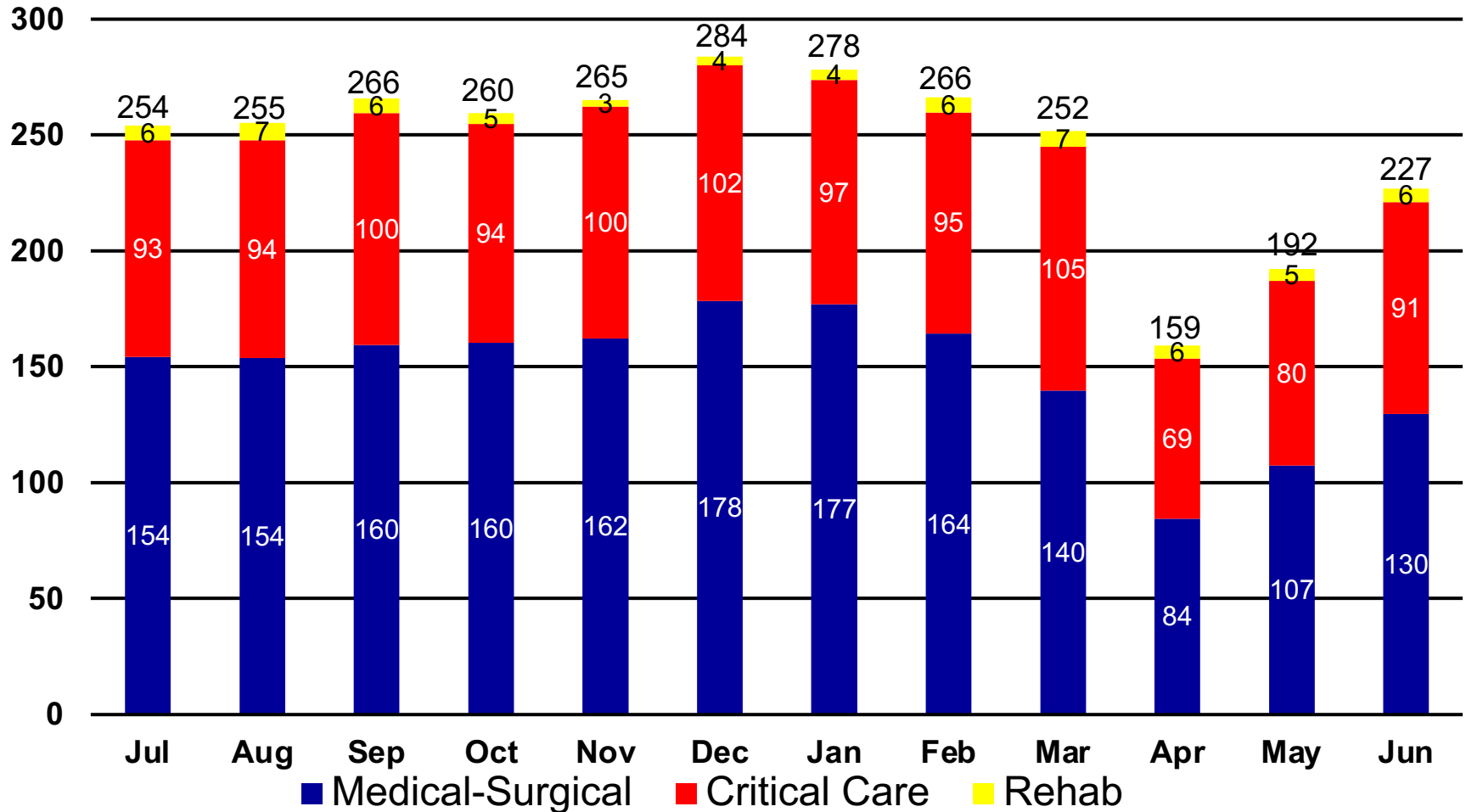
UPMC Children's Hospital of Pittsburgh – Licensed for **313** Beds



\* Totals may be exact due to rounding

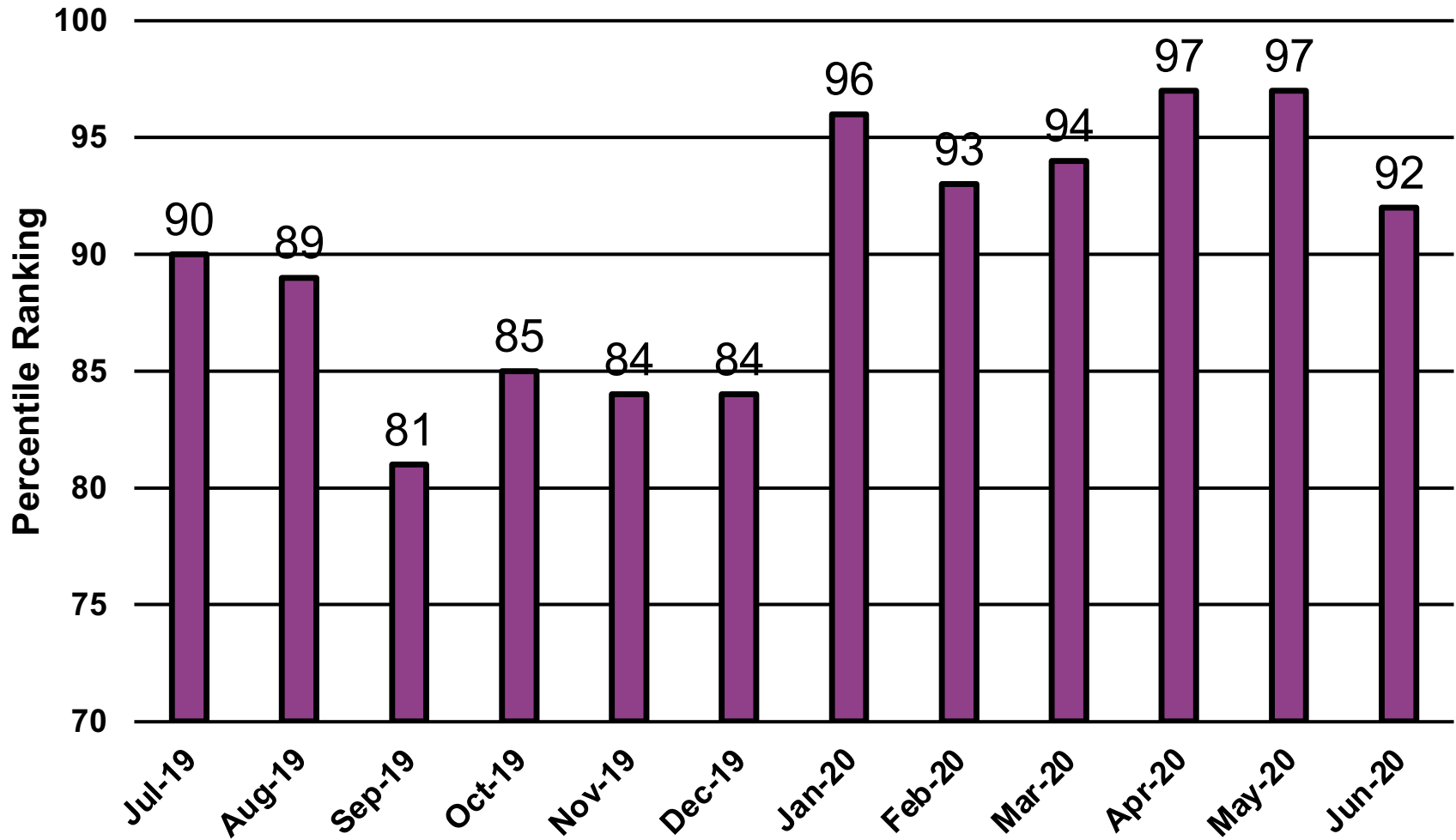
# Average Daily Census – AY20 By Month

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



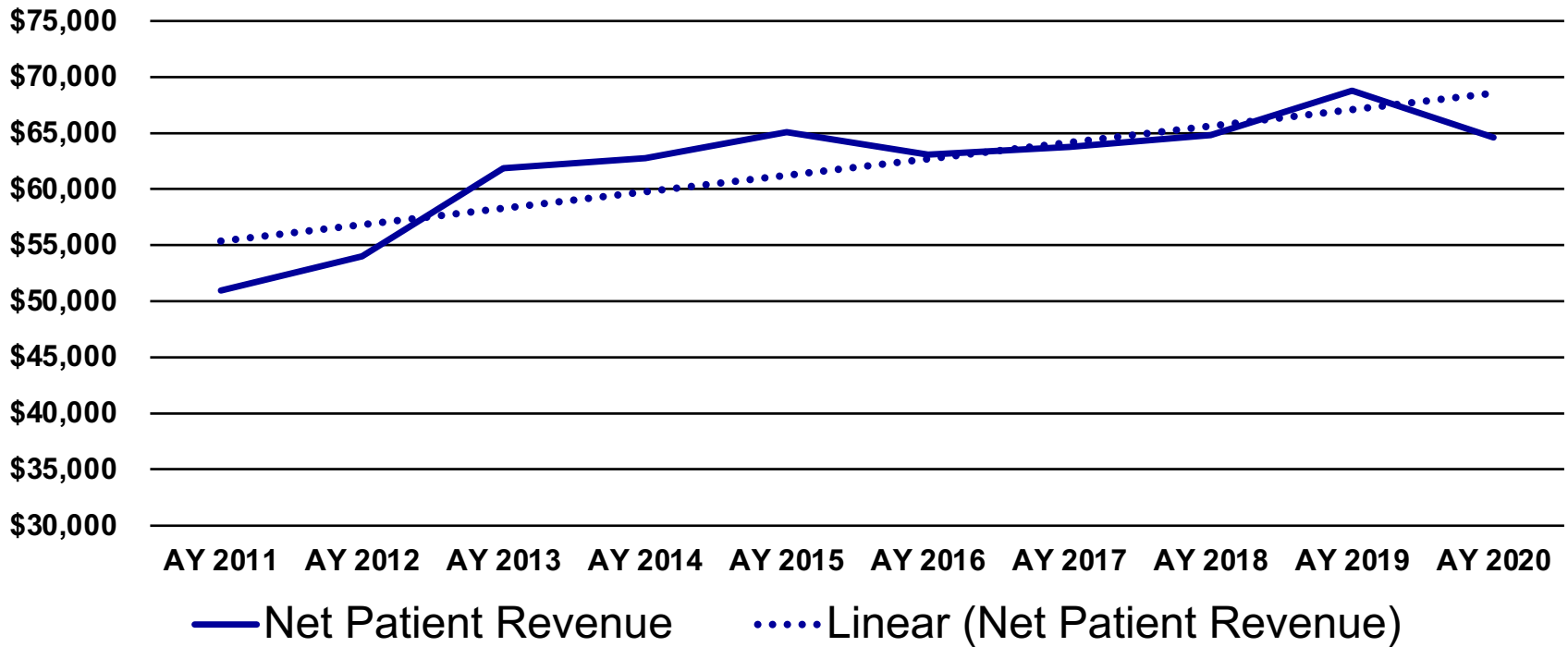
\* Totals may be exact due to rounding

# Patient Experience – AY20 By Month



# DOP 10 Year Revenue Trend (\$ in 000s)

**\$64.6 Million**

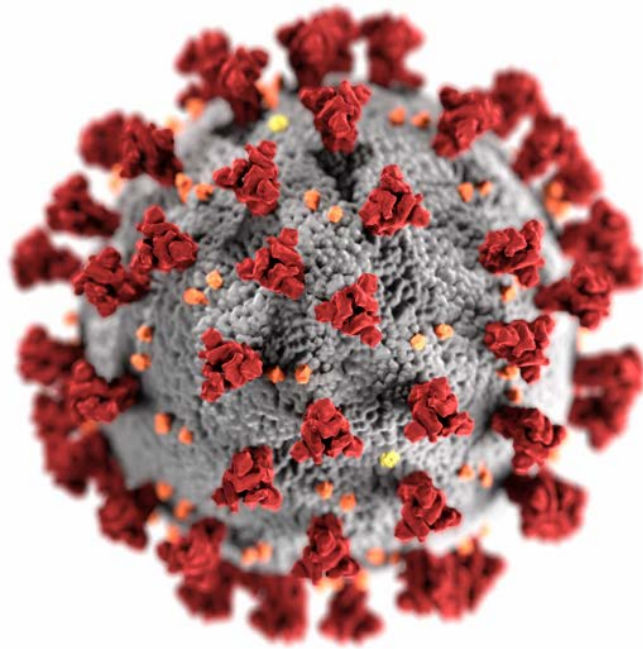


## DOP 10 Year Revenue Trend

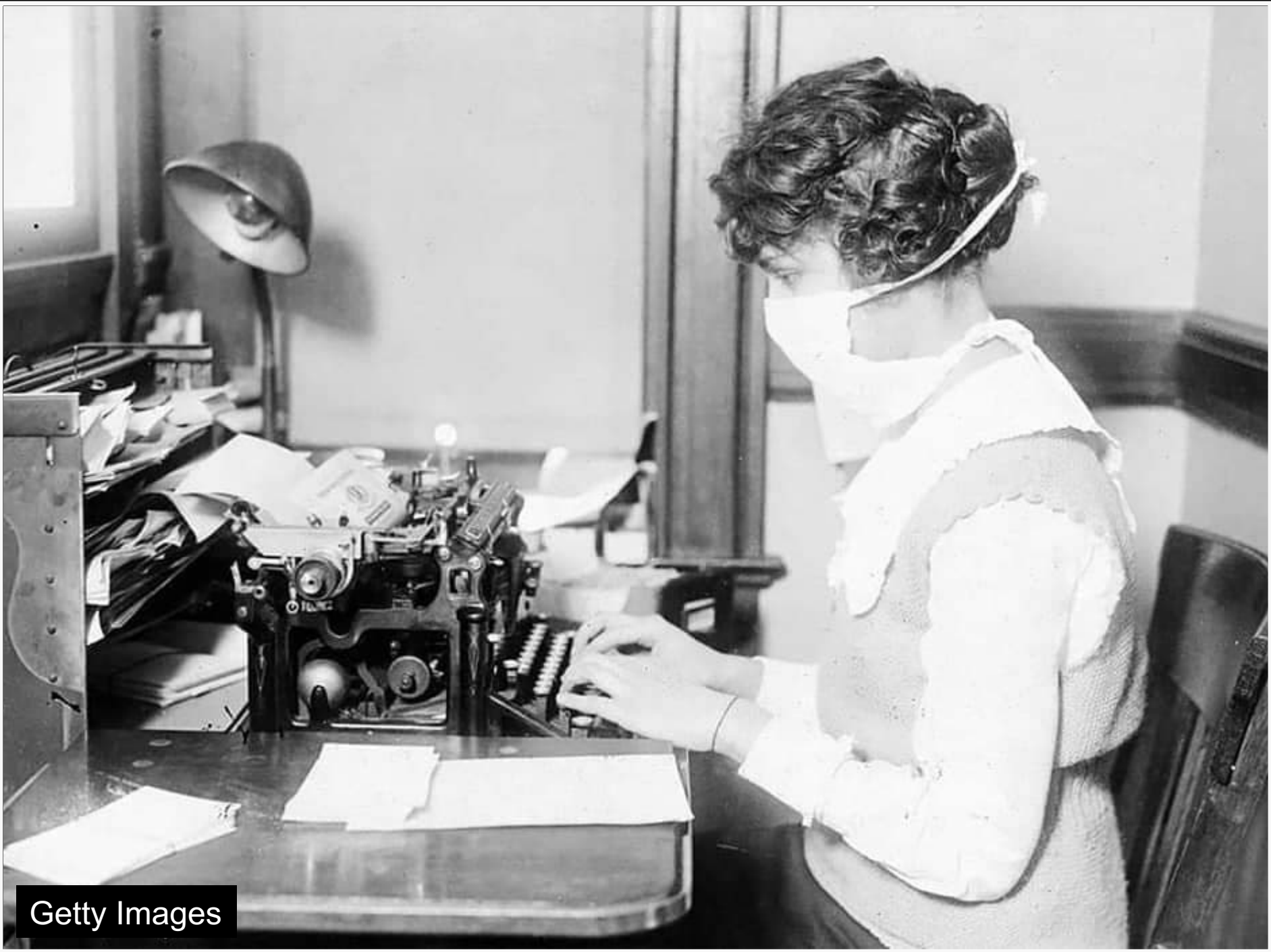
	AY 2011	AY 2012	AY 2013	AY 2014	AY 2015	AY 2016	AY 2017	AY 2018	AY 2019	AY 2020
Net Patient Revenue	\$50,960	\$53,996	\$61,894	\$62,766	\$65,067	\$63,083	\$63,749	\$64,837	\$68,787	\$64,593

20 vs 11	
V%	CAGR
27%	3%

# Department of Pediatrics









# Mask-Up Monday

UPMC Children's Hospital of Pittsburgh  
August 10 at 8:00 AM

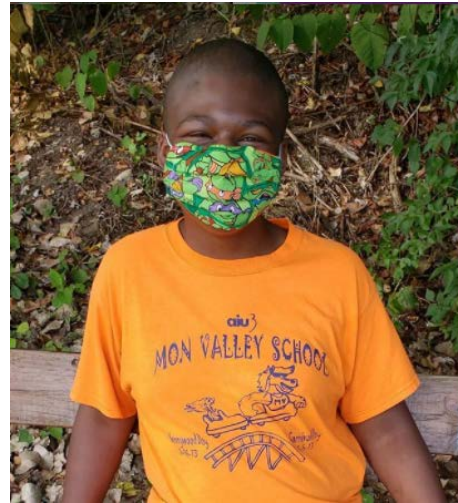
"Brooklyn was diagnosed with Rhabdomyosarcoma last September. She has had 10 months of chemo and 28 radiation treatments. We are so thankful that her last set of scans in May showed no active cancer. She will finish treatment in February if all continues to go as planned." – Ashley, Brooklyn's mom.

Brooklyn is counting on you to keep her safe. For the protection of our staff and patients, adults and children over 2 years old are required to wear facemasks in all of our faci... See More



909

55 Comments 179 Shares



childrenspgh • Following

childrenspgh This #MaskUpMonday features tips from families with kids with autism and how they've helped their kids adjust to wearing masks.

Tips include:

1. Start slow. Ask your child to wear it for 10 seconds, then 1 minute, then build it up. This gives positive reinforcement each time they wear it.
2. Have everyone in the family wear a mask to help reinforce the concept for your child. Using a reward and timer is also helpful.
3. Make it FUN! Our kids may not understand this is a complex health environment; they just need to understand this is the new normal.

Liked by luckystrike21 and 228 others

AUGUST 24

Add a comment... Post



childrenspgh • Following

childrenspgh "Rayne Maci, one year liver recipient, masking up for bloodwork!" – Jenn, Rayne's mom. For the safety of our immunocompromised patients like Rayne – and for all of us – we require adults and children over 2 years old to wear facemasks at all times inside our facilities. Remember that masks should cover your nose and mouth and tuck securely under your chin. Try to fit it snugly against the sides of your face while still ensuring that you are able to breathe comfortably. Rayne and all other high-risk kids thank you for your compliance! #MaskUpMonday

4w

Liked by luckystrike21 and 452 others

AUGUST 3



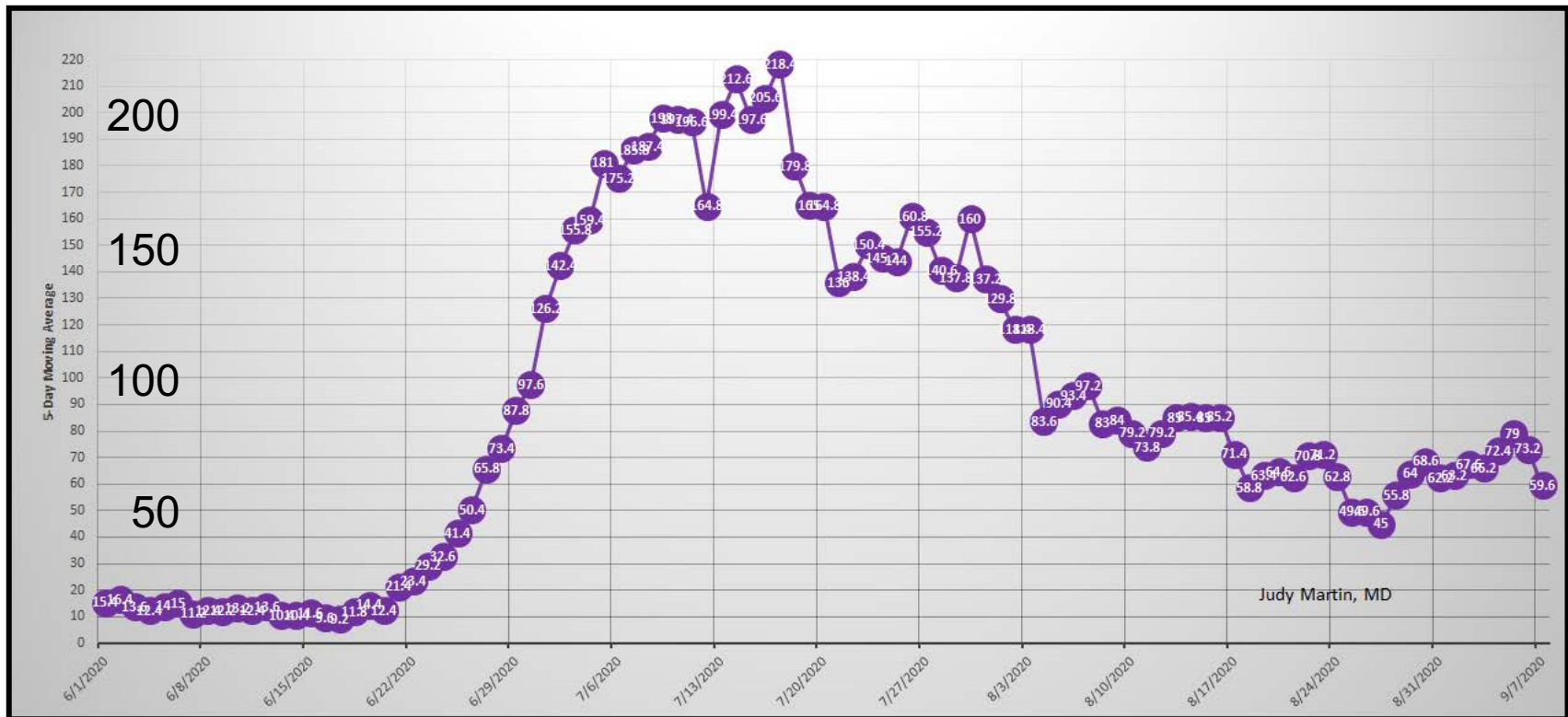
Pittsburgh, April 26, 2020

# Pittsburgh Seemed Like a Virus Success Story. Now Cases Are Surging.

Pittsburgh, a sister city to Wuhan, China, saw only modest cases for months. In the last two weeks, cases are suddenly soaring.



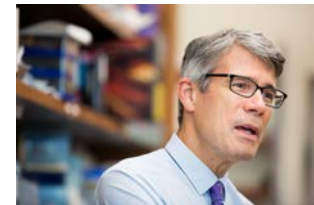
# Allegheny County COVID-19 Test Results – Five-Day Average



Judy Martin, M.D.  
 Allegheny County Health Department Data, September 9, 2020

# COVID-19 Research at UPMC Children's Hospital of Pittsburgh

- SARS-CoV-2 surveillance
  - John Williams
- Development of antibody tests
  - Anita McElroy
- Mechanisms of immunity
  - John Alcorn
- Testing COVID-19 vaccines
  - Pittsburgh Vaccine Trials Unit





# Pittsburgh Vaccine Trials Unit (PVTU)

- Long history of infection biology and vaccine research in Pittsburgh
- Collaborate with NIH and industry leaders in pediatric, adolescent, and adult vaccine clinical trials for a variety of conditions and infections – starting with vaccines for SARS-CoV-2
- Registry now includes 3,704 Pittsburghers (September 9, 2020)

## Directors

Judy Martin

Alejandro Hoberman



# PVTU Sponsor Team

Rich Beigi, MD – OB/GYN

Terence Dermody, MD – Pediatrics

Paul Duprex, PhD – Center for Vaccine Research

Heather Eng, MD – Public Health

Gary Fischer, MD – Medicine

Nancy Harter, BA – Pediatrics

**Alejandro Hoberman, MD – Pediatrics (Director)**

Diana Kearney, RN – Pediatrics

**Judy Martin, MD – Pediatrics (Director)**

Anita McElroy, MD – Pediatrics

Liz Miller, MD, PhD – Pediatrics

Jennifer Nagg, RN – Pediatrics

Steve Reis, MD – Medicine

Susan Sandusky, BA – CTSI

Fran Solano, MD – Medicine

John Williams, MD – Pediatrics

Rick Zimmerman, MD – Family Medicine

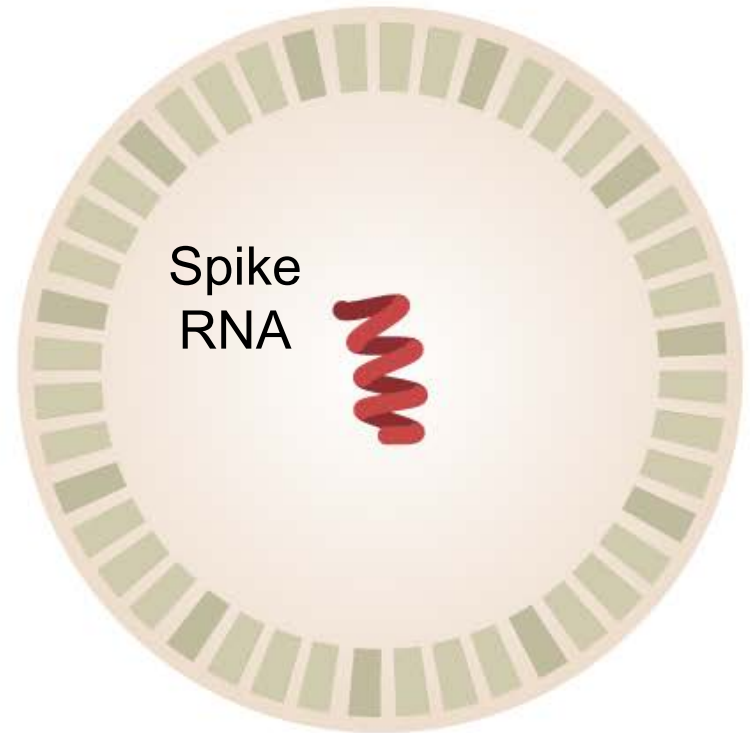


Jonas Salk administering poliovirus vaccine in 1956

# moderna

---

- RNA-based vaccine designed to elicit spike-specific antibody
- One of FIVE vaccines to be tested as part of **Operation Warp Speed**
- PVTU currently enrolling 250 volunteers as part of a large, national Phase 3 trial
- Safety, immunogenicity, and efficacy are primary endpoints





# Diversity, Equity, and Inclusion



# Diversity, Equity, and Inclusion Leadership Appointments



**Loreta Matheo, M.D.**

Clinical Associate Professor of Pediatrics  
Vice Chair for Diversity, Equity, and Inclusion



**Sylvia Owusu-Ansah, M.D.**

Assistant Professor of Pediatrics  
Associate Vice Chair for Diversity, Equity, and Inclusion

# Diversity, Equity, and Inclusion

## *A Way Forward*

- Recruiting
  - Residents, Fellows, Faculty, and Leaders
- Culture
  - External review
  - Implicit-bias and anti-racism training
  - Shared readings and engagement
- Community
  - The Pittsburgh Study
  - Arsenal Middle School





ARSENAL  
MIDDLE  
SCHOOL



WARNING



Photograph by Eli Pousson

# Arsenal Middle School

Kiki Torres  
Sylvia Owusu-Ansah  
Noel Zuckerbraun

- Form longitudinal partnership with Arsenal leadership
- Establish integrated mentorship program for Arsenal students
- Expose Arsenal students to careers in science and medicine



Andrew Rush, Pittsburgh Post-Gazette

# Department of Pediatrics

## Divisional and Executive Leadership



Deborah Bogen, M.D.  
Director, Allegheny County Health Department



Stephanie Dewar, M.D. and  
Nicholas Barcellona

# Division and Center Directors

---

*Adolescent and Young  
Adult Medicine*  
Elizabeth Miller

*Allergy and Immunology*  
Hey Chong

*Blood and Marrow  
Transplantation*  
Paul Szabolcs

*Cardiology*  
Jackie Kreutzer

*Child Advocacy*  
Rachel Berger

*Emergency Medicine*  
Ray Pitetti

*Endocrinology*  
Radhika Muzumdar

*Gastroenterology,  
Hepatology, and Nutrition*  
Andrew Feranchak

*General Academic  
Pediatrics*  
Alejandro Hoberman

*Health Informatics*  
Srinivasan Suresh

*Hematology and  
Oncology*  
Linda McAllister

*Hospital Medicine*  
Ben Miller

*Infectious Diseases*  
John Williams

*Medical Genetics*  
Jerry Vockley

*Nephrology*  
Carl Bates

*Neurology and  
Child Development*  
Ira Bergman

*Newborn Medicine*  
Thomas Diacovo

*Pulmonology*  
Juan Celedón

*Rheumatology*  
Amr Sawalha

*Heart Regeneration*  
Bernhard Kuhn

*Microbial Pathogenesis*  
Carolyn Coyne

*Obesity and Metabolism*  
Silva Arslanian

*Richard King Mellon*  
George Gittes

# DOP Executive Committee

*Basic Research*  
Carl Bates

*Education*  
Noel Zuckerbraun

*Clinical Affairs*  
Jeff Rudolph

*Clinical Research*  
Alejandro Hoberman

*Diversity, Equity, and Inclusion*  
Loreta Matheo

*Faculty Development*  
Dena Hofkosh

*International Relations*  
Kim Ritchey

*Executive Administrator*  
Michael Komunale





# Vice Chair for Clinical Affairs



Jeff Rudolph, M.D.  
July 1, 2020

Associate Professor of  
Pediatrics, University of  
Pittsburgh School of  
Medicine

Clinical Services Director,  
Gastroenterology,  
Hepatology, and Nutrition

# Vice Chair for Education



Noel Zuckerbraun, M.D.  
July 1, 2020

Associate Professor of  
Pediatrics, University of  
Pittsburgh School of  
Medicine

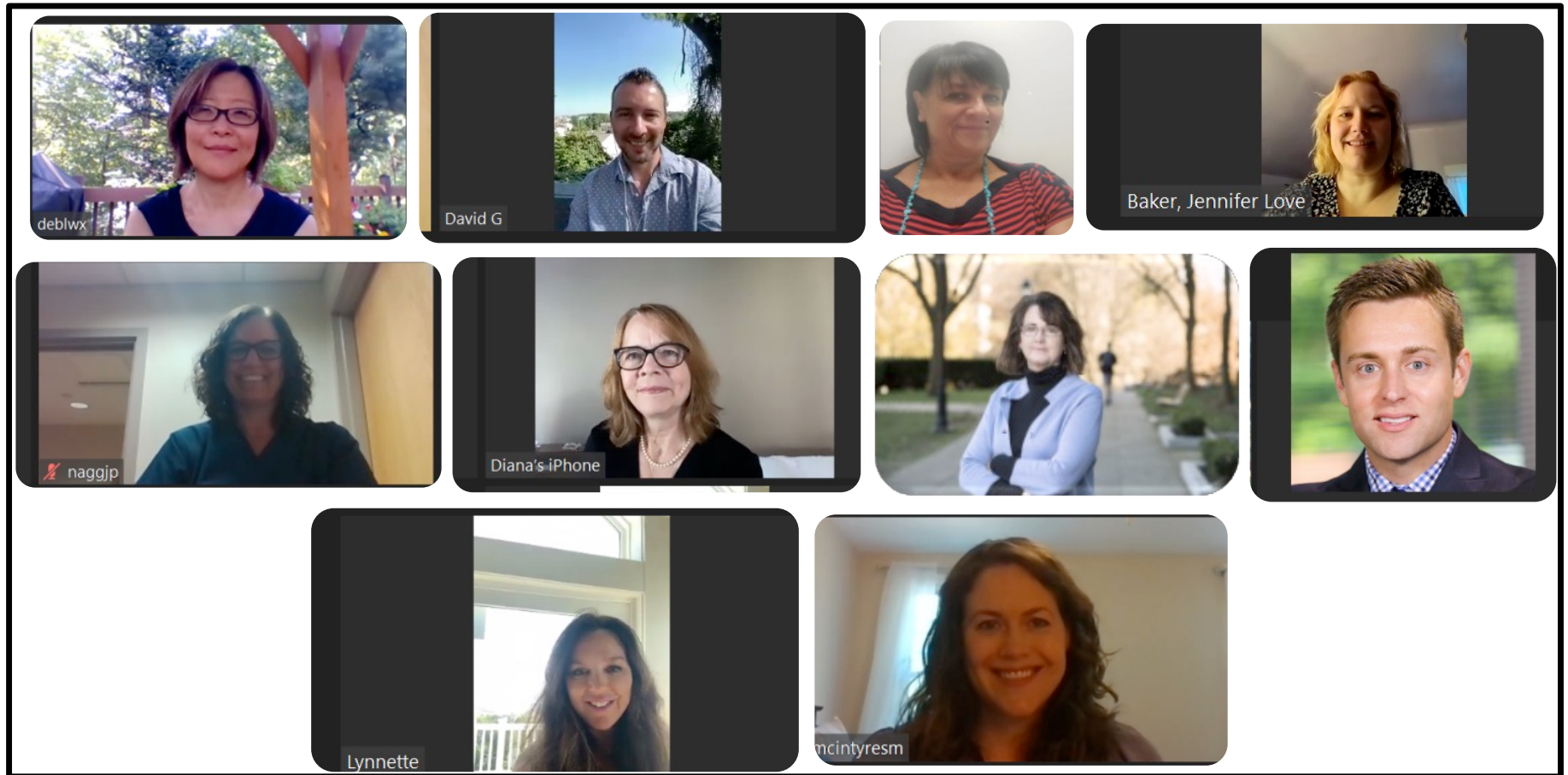
Director, Pediatric  
Emergency Medicine  
Fellowship Program

# 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, Adam Kufen, Shawna McIntyre, Jennifer Nagg, and Lynnette Orlansky

# Great Thanks – Clinical Administrative Management Team



Jayme Andrisko  
Judy Biernesser  
Bethany Blackburn  
Aaron Chrisman  
Marilyn Cieri  
Michael Comunale  
Carilynn Coulter  
Annette Evans  
Sarah Gilbert  
Whitney Lerch  
Lori Olszewski  
Cindy Retort  
Ernesto Rizzitano  
Michael Roos  
Jessica Saunders  
Holly Schaupp  
Sami Shalabi  
Susan Smith  
Carrie Yopp

# The DOP Administrative Team



May 29, 2020

Joe Anderson, Nick Barcellona, Maggie Boss, Jackie Cassidy, Michael Comunale, Miranda Feldmann, Colleen Frey, Nancy Harter, Dena Hofkosh, Sarah Kurimsky, Brendan Linton, Rebecca Longo, and Lori Olszewski

# Dermody Lab April 9, 2020



Pavi Aravamudhan, Pam Brigleb, Kay Fiske, Kira Griswold, Ada Izuogu, Colleen Kelly, Chris Lee, Anthony Lentscher, Nicole McAllister, Krish Raghunathan, Alexa Roth, Pengcheng Shang, Xay Somoulay, Danica Sutherland, Gwen Taylor, Olivia Welsh

# Great Thanks – Mark Sevco



Jackie Weisser, September 8, 2020





**White Coats for Black Lives  
UPMC Children's Hospital of Pittsburgh  
June 5, 2020**

