

# NYU Langone Long Island Pediatric Pulmonology Fellowship Program

2024-2025 Academic Year





#### **PEOPLE**

- 10 faculty in Division
- 2 new fellows per year
- Program Director: J. Michael Collaco <u>mcollac1@jhmi.edu</u>
- Program Coord.: Teresa Milligan tlusco@jhmi.edu

Baltimore, Maryland: Johns
Hopkins in located in the MidAtlantic region with amazing
cultural, culinary, and recreational
scenes. Between Baltimore and
nearby Washington DC there are
numerous employment and training
options for significant others.

#### **PROGRAM OVERVIEW**

- 3 year fellowship funded by the NIH
- Diverse inpatient and outpatient clinical experiences with elective time
- Multiple opportunities for mentored research projects (basic science, clinical, etc.)
- Structured educational program, including training in public health
- Assistance in career development
- Global health program

**Program Culture:** We pride ourselves on providing broad clinical, research, and educational experiences for our fellows, all of which are personalized to meet the fellow's needs. Our program is fellow-centered and always striving to be best with frequent feedback from our fellows.

#### **Clinical Specifics**

- Pulmonary service at a quaternary center
- Acute and subacute consult services
- Fellows' continuity clinic
- Cystic fibrosis center (only one in the state)
- Sleep clinic and program
- Severe asthma clinic
- Bronchopulmonary dysplasia clinic/consults
- Congenital diaphragmatic hernia clinic
- Aerodigestive clinic/procedures
- Neuromuscular clinic
- Interstitial lung disease/immune clinic
- Exercise study laboratory
- Electives (ENT, pulmonary hypertension, lung transplant, tobacco cessation, diaphragmatic pacer, interventional bronchoscopy, advocacy)

### Pediatric Pulmonology Fellowship Maria Fareri Children's Hospital at Westchester Medical Center



- Largest Peds Pulm Division in the region
- 18 Pediatric Pulmonologists, 5 Allergists
- 4 Peds Pulmonary Fellows
- Exclusive support staff RTs, SWs, RDs, RNs in the Division
- Contract Contract
- Accredited PCD Center
- Severe Asthma Center
- IntergratedAllergy/Immunology
- Sleep Medicine
- Interventional Bronchoscopy Elective
- Rotation at Children's Rehabilitation Center

- Maria Fareri Children's Hospital
- Only quaternary referral children's hospital in the lower Hudson Valley
- New York Medical College
- Children's Environmental Health
   Center of the Hudson Valley
- Opportunity to work towards
   Masters in Public Health during fellowship
- Collaborative Research: Basic science, clinical, translational, quality improvement, public health
- Graduates now working all over the country



#### **Location:**

- Beautiful wooded
  campus in Westchester, NY
  25 miles from New York City



Scan to learn more

## Children's National Hospital in Washington, DC



- Faculty, Fellows and Staff: 15 faculty (13 physicians and 2 clinical psychologists), 4 advanced practice providers, 6 current fellows (2 fellows per year), social worker and nutritionist
- Program Structure: Inpatient service 12 months (6 pulmonary inpatients and 6 - consults) over the 3 years of training and 1 day of clinic/week
- Clinical Programs: Severe asthma, Cystic Fibrosis Center, Pediatric Sleep, Neuromuscular Disorders and Chronic Ventilation. Severe Bronchopulmonary Dysplasia, Aero-digestive, Sickle cell Disease, Advanced Lung Disease and Lung Transplant Program
- Research: New Research and Innovation Campus with opportunities for basic science, translational and clinical projects; Quality Improvement projects
- Didactics: Daily conferences with weekly national and international guest speakers
- Other opportunities: Masters of Public Health at the Milken Institute School of Public Health, Master Teacher Leadership Development Program at George Washington University School of Medicine and Health Sciences
- Contact: Program Coordinator: Sherida Chappell, 202-476-3521, <u>schappel@childrensnational.org</u>; Program Director: Iman Sami, MD <u>isami@childrensnational.org</u>; 202-476-5718; Associate Program Director: Parisa Kaviany, MD, <u>pkaviany@childrensnational.org</u>;



# PLAYBTLL

New York Presbyterian Columbia University Irving Medical Theater



#### **GHONY Peds Pulmonary the Musical featuring:**

- Diverse patient population
- NYC's largest pediatric CF center
- Outstanding research mentorship and opportunities
- Multidisciplinary outpatient clinics
- Pediatric PFT, exercise and sleep labs
- Individualized curriculum design for each fellow
- Inclusive environment with a diverse workforce



Housing and parking available • \$180 monthly food stipend • \$2000 yearly Lyft pass PGY4 \$99,800 • PGY5: \$103,200 • PGY6: 105,000

**Program Director** 

Division Chief

Dr. Aliva De

Dr. Stephanie Lovinsky-Desir



Division of Pulmonary & Sleep Medicine

#### **Program specifics**

- •Flexibility with curriculum tailored to fellows' growth and learning
- •50% Protected time in the first year for scholarly activity
- Formal training opportunities at UPenn
- •T32 Funding opportunities
- Abundant clinical opportunities inpatient and outpatient
- Interventional bronchoscopy
- Lung Transplant

#### **Program Culture**

Fellow-centered program with a strong emphasis on achieving a balance between clinical training and scholarly pursuit. Provides broad clinical exposure ranging from common pulmonary diseases to highly specialized, multidisciplinary care of rare disorders.

#### **Institution Culture**

Develop leaders in clinical, academic, and community medicine through active recruitment, career development, mentorship and social opportunities by fostering inclusivity and ensuring equitable access to care.

#### **Geographic area/Culture**

- Town of "Meds and Eds"
- World-Class Dining
- Sports, museums, rich history
- Affordable living in the city or the burbs
- Walkable/Bikeable, easy to own a car, good public transit

**Program Director** 

Stamatia Alexiou, MD

**Associate Program Directors** 

Pelton Phinizy, MD

Jessica Rice, DO

**Division Chief** 

Lisa Young, MD

**Program Coordinator** 

Kathleen Tiernan



Click here to learn more about our program

### Pediatric Pulmonology Fellowship

PROGRAM DIRECTOR: Sarah E. Bauer. MD

Email: bauersae@iu.edu

ASSOCIATE PROGRAM DIRECTOR: Sandeep Puranik, MD

Email: spuranik@iu.edu

PROGRAM COORDINATOR: Kara Welch

Email: kalwelch@iu.edu

- Faculty are dedicated to exceptional training & mentorship preparing future academic leaders.
- Exposure to complex pathophysiology, diverse patient interactions, & cutting-edge research experience with direct mentorship from NIH & CFF funded physician scientists.
- Fellows come from diverse backgrounds & are committed to promoting inclusive & equitable healthcare.
- Our culture promotes community & a sense of belonging to support each individuals' well-being.
- Graduates practice as clinician educators & physician scientists throughout the country in wide range of settings.



https://medicine.iu.edu/pediatrics/specialties /pulmonology/fellowship/categorical





23,300 ADMISSIONS AND OBSERVATIONS



475 BEDS













Providing care close to home in BURN PROGRAM throughout

AND LEVEL I CHILDREN'S SURGERY CENTER



















#### Why choose UNC for your pediatric pulmonology training?

#### **Our fellows learn (and teach)**

With over a dozen faculty with diverse expertise in CF, PCD, ILD, BPD (and more), our fellows learn from nationally recognized experts. Fellows help lead our inpatient team and teach residents and students

Fellows practice in multi-disciplinary clinical centers provided specialized care, including:



- **Bronchoscopy**: 500-700 annually including intubations, brush biopsies, and more
- **Cystic Fibrosis**: One of the largest centers in the U.S., follows over 300 children with CF.
- PCD: Leading PCD Clinical and Research Center
- **ILD**: Part of chILD network
- BPD: Part of BPD Collaborative
- NC Children's Airway Center: Multidisciplinary care with ENT, pulmonary, sleep medicine, speech therapy.
- UNC Children's Allergy & Asthma Center: NC's only comprehensive asthma center

#### Our fellows do great research

#### <u>Current fellow projects</u>

- Prevention of pneumonia in children in Malawi
- · Clinical research trials in asthma
- Effects of modulators on lipid metabolism in CF
- Microbiology of patients with tracheostomies
- Multicenter study on genetics and therapeutics in PCD
- Multicenter quality improvement research in CF
- Use of artificial intelligence to diagnose ILD in Infants
- · Impact of modulators on mental health in CF

#### Fellows work with top research centers including

 Marsico Lung Institute: One of the most academically productive basic and translational science institutes for CF and other pulmonary diseases



- Center for Environmental Medicine Asthma and Lung Biology: Expertise in nicotine and other human exposure studies
- Many opportunities with School of Public Health, Global Health Program, Institute for Healthcare Quality Improvement, Clinical Masters Program and more



#### Our fellows go places

Recent graduates have accepted positions at top academic centers, military institutions, private practice, and more.

#### Other program highlights

- Flexibility in schedule to meet career goals
- Ample division nursing, RT, and NP staff support
- Strong support of families and fellow well-being (100% reported high satisfaction with program and that they would choose this program again on most recent ACGME survey)



**North Carolina Has It All!** 





Program Director Tanya Martinez, MD

Preeti Sharma, MD



Program Coordinator Hermila Crear Contact information:



**Associate Program Director** 

- Supportive, collegial and inclusive faculty with diverse interests
- Well resourced multidisciplinary teams
- Work-life balance

# UT Southwestern Division of Pediatric Pulmonology and Sleep Medicine

- Combined academic strengths of UTSW with broad clinical training ground of CMC Dallas
- CMC Dallas is one of largest pediatric healthcare providers in the nation
- Large regional center with diverse and expanding patient population
- Career development with 1:1 faculty mentor
- Bronchoscopy simulation curriculum
- One of 25 pediatric fellowship programs
- Flexibility in curriculum to accommodate individual interests
- Possibility of masters or graduate certificates in education, public health or sleep fellowship
- Clinical programs include
  - CF center
  - Chronic respiratory failure vent program
  - Neuromuscular program
  - Aerodigestive
  - Primary Ciliary Dyskinesia
  - Difficult to treat and severe asthma
  - Sickle Cell Disease
  - Sleep Center



- Integration of biomedical research opportunities with clinical care and education
- > \$500 million in annual funding
- > 20 members of the National Academy of Sciences
- > 1,400 clinical residents

### Dallas-Fort Worth Metroplex



- One of the fastest growing US cities
  - Top destination for young professionals and families
- Reasonable cost of living
- Diverse population
- Two major international airports in central part of the country



Flexible, individualized curriculum – tailored to fellow's interests

Focus on Work/life balance

A "hospital within a hospital"

Collaboration with adult program

Easy access to leadership

Fellowship centered division

Opportunities for research across MGH and Harvard

Coaching program – focus on mitigating burnout and increasing wellness

**Robust bronchoscopy program** 

Highly competitive salary and annual stipend

**Specialty clinics** 

'Training pediatric pulmonologists for today while teaching for tomorrow'







**Program Director** 

Ben Nelson, MD banelson@mgh.harvard.edu

Assoc. Program Director

Bernard Kinane, MD kinane.bernard@mgh.harvard.edu





# WHERE WE ARE

Rady Children's Hospital San Diegothe LARGEST children's hospital in California, and one of the largest in the country

Broad catchment area - patients from urban, suburban and rural environments from all socioeconomic, religious, and cultural backgrounds

"America's Finest City"

### UC San Diego / Rady Children's Pediatric Pulmonary Fellowship







#### WHAT WE DO

Rotation	1 <sup>st</sup> Year(weeks)	2 <sup>nd</sup> /3 <sup>rd</sup> Year (weeks)
Inpatient	24	8
Outpatient	12	2
Scholarly Activity	8	38
Pulm Lab / Sleep	2	-
PICU	2	-

**Elective opportunities:** Interventional Bronchoscopy (UCSD), Sleep Medicine, Cardiology, Intensive Care

#### **OUR MISSION**

Nourish our fellows' passions for medicine and life

Train fellows to provide compassionate care for children and families affected by the breadth of respiratory diseases

Mentor fellows to participate meaningfully in scholarly work and research

Support each fellow as a person, from day one to graduation and beyond

Strive for Justice, Equity, Diversity and Inclusion in our community

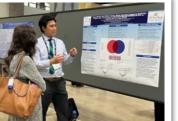
#### UCSD is one of the leading biomedical research institutions in the world!

#### **Fellow Research Projects**

MicroRNA in Children with Increased Bronchodilator Usage Genetic Influence on Sweat Chloride Variability PAP adherence in Duchenne muscular dystrophy Metagenomic sequencing and host response in the aerodigestive population

#### **Our Fellows Have Participated In:**

UCSD Global Heath Master of Arts
UCSD Clinical Research Enhancement through Supplemental Training Program
Combined Adult – Peds Fellowship
AMSPDC Pediatric Scientist Development Program



#### **CONTACT US**

#### PROGRAM LEADERSHIP

Division Chief: Kelan Tantisira ktantisira@health.ucsd.edu Fellowship Director: Dan Lesser dlesser@health.ucsd.edu

Fellowship Associate Director: Manju Hurvitz

mhurvitz@heatlh.ucsd.edu

#### **FELLOWS**

Sophia Karandashova (1st Year)
skarandashova @health.ucsd.edu
Amanda Khoury (2nd Year)
a1khoury @health.ucsd.edu
Danielle Munce Leverone (3rd Year, adult/peds)
dmunce @health.ucsd.edu
Richard Wong (3rd Year)
riwong3 @health.ucsd.edu



#### **About Us**

We believe in the right balance of challenge and support to develop well-rounded, exceptionally trained pediatric pulmonologists who can excel in any clinical environment and advance the field through patient care, education, or scholarship. We instill a growth mindset and nurture our fellows to achieve their career goals in an academic environment full of learning opportunities.





### Pulmonary **Family**

Scan QR to learn more!



### Large Program 4 fellows/year

- Life Long relationships
- Less nights on call
- Work Life Integration

### Centers of Excellence

- Lung Transplant
- PulmonaryHypertension
- CF, Aero, PCD, Sleep

#### Scholarly Activity

- More than 1 mentor
- SOC chairs
- ATS presence
- QI coach
- Research Module

#### Education

- Individualized Curriculum
- Formalized
   multidisciplinary
   conferences
   (Research,
   airway, CF



Fellows College Community

Scan QR to learn more!



### Larger Community of Fellows

- Fellow Advocates
- Townhalls

#### Wellness Day Fun

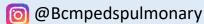
- Minute to it games
- Laser Tag
- Gravity Ropes
- Prizes

#### Core Curriculum

- Diversity, Equity, Inclusion
- CareerDevelopment
- Research
- Professionalism
- And more

#### **Scholarship**

- For advanced degrees such as in education
- Research such as T32 etc





### MICHIGAN PEDIATRIC PULMONOLOGY FELLOWSHIP



#### **Program people**

- Two fellowship slots per year
- 11 pulmonologists
- 5 nurse practitioners







#### **Program specifics**

- # 1 children's hospital in Michigan
- Global health elective in Egypt
- Concurrent Masters degree in Clinical Research, Bioinformatics, others
- Concurrent Scholars Programs: medical education, healthcare administration, healthcare disparities
- Opportunities for blended training (pulm-sleep, pulm-hospitalist, pulm-critical care)
- Many clinical programs: asthma, CF, home ventilator, PCD, bronchoscopy, ChILD, aerodigestive, pulmonary hypertension, others
- Innovative bronchoscopy simulation training
- NIH-funded research mentors

#### **Program Culture**

Commitment to developing personalized training pathways

#### **Institution Culture**

 Diversity, equity and inclusion are strongly valued

#### Geographic area

 Ann Arbor is consistently voted one of the best places to live in the US









#### **University of Texas Health Science Center at HOUSTON**



Pediatric Pulmonology Program # 3304821056

#### **Program Specifics**

- Pulmonary hospital consultation service at a large children's hospital with a diverse patient population and wide variety of respiratory disorders
- At-Home pager night call
- Weekly half-day continuity clinic
- Monthly pulm subspecialty clinic: bronchopulmonary dysplasia, rare lung disease, congenital diaphragmatic hernia, sickle cellpulmonary, pulmonary hypertension, and more
- Diagnostic tool utilization and study interpretation cardiopulmonary exercise test, impulse oscillometry, nasal nitric oxide, video microscopy, airway

endoscopy and other procedures

#### **Program Culture**

- Deliver compassionate care to diverse patient populations
- Promote interprofessional collaboration and success
- Mutual respect and support in a 'work family' environment



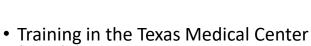
#### **Houston, Texas**

- 4<sup>th</sup> largest city in US
- Multicultural population with diverse opportunities for events, shopping, and restaurants
- Relatively low cost-of-living with housing available near TMC
- Many activities, events, & parks that improve work-life balance









- (TMC), the largest medical complex in the world
- We accept 1-2 fellows / year
- Multicultural, multinational, diverse faculty & staff
- 100% ped pulm board pass rate on first attempt for all graduates
- Customized curriculum and didactic lectures to accommodate fellow needs and career aspirations
- Grant funded research and courses to enhance fellow scholarly project development
- Individualized faculty mentorship for clinical and scholarly development



























#### University of Washington/Seattle Children's **Pediatric Pulmonology Fellowship**



**Division Head** Terri Laguna, MD





MD MPH



**Associate Program** Director



Program Coordinator Laura Ellington, MD MS Becca Smith

#### **Mission Statement:**

"Train pediatric pulmonologists from diverse backgrounds to be skilled clinicians with a foundation in physiology, critical thinkers, avid teachers, and who improve care via scholarship and programmatic development"

#### **Equity, Diversity and Inclusion:**

- Highly committed to creating an environment inclusive to all people, patients, and families regardless of background or life experiences
- EDI training curriculum includes seminars, lectures, and dedicated journal club topics
- https://sites.uw.edu/uwgme/equity-diversity-inclusion/

Climate Pledge Arena/Downtown Seattle



Pod of Orcas and View of Mount Rainier

#### **Program Highlights:**

- An "academic playground" that prioritizes flexibility based on individual interests
- Culture of collaboration, curiosity, and support
- Robust physiology core curriculum + weekly didactics
- Internationally renowned faculty mentors and leaders
- Integrated professional development curriculum
- Subsidized coursework for research training
- Conference & travel funds
- Fellowship retreat and wellness activities
- UW Housestaff Union benefits & Seattle Children's perks: Free meals, wellness services, childcare support, free parking

#### **Clinical Highlights:**

- Inpatient service: 18 weeks Year 1, 8 weeks each Years 2/3
- Night call: Weekend night coverage when on service only; Weeknights 1-2/month when not on service
- Weekly continuity clinic on Main Campus
- Sleep rotation (4 weeks), CICU (2 weeks), Aerodigestive bronchoscopy days (3+/year)
- Wide breadth of sub-specialty clinics & regional sites
- Unique WWAMI clinical exposure + outreach opportunities in Alaska and Eastern WA



**Fellows Retreat** 







Escape Room Event (so close!)



Fun at UW Football Game!

#### **Contacts:**

Twitter: @UWPedsPulm Jonathan Cogen MD MPH

(jonathan.cogen@seattlechildrens.org)

**Becca Smith** 

(becca.smith@seattlechildrens.org)

#### **Pediatric Pulmonology Fellowship**

Stanley Manne Children's Research Institute™

Largest pediatric pulmonary practice in Chicago and ranked 19th nationally by US News & World Report

M Northwestern Medicine<sup>®</sup>
Feinberg School of Medicine

Three-year ACGME program, accepting one new Fellow each year. Apply through ERAS.



L to R: Henry Schmidt, MD (3<sup>rd</sup> year Fellow), Janaki Paskaradevan, MD (APD), Patricia Martin-Hoyt, MD (1<sup>st</sup> year Fellow), Avani Shah, MD (PD) and Danielle VanBeckum (2<sup>nd</sup> year Fellow)





360 bed tertiary & quaternary care center with over 20 pediatric subspecialties. Some annual numbers:

- Over 239,400 patients served
- 300+ Bronchoscopy
- 4,700+ PFTs
- 2,400+ Sleep studies

8 Pulmonary & 5 Sleep faculty

### Robust Pulmonary subspecialty clinics for:

- High Risk Asthma
- Cystic Fibrosis
- Aerodigestive Disorders
- Neuromuscular Disorders
- Primary Ciliary Dyskinesia
- Pulmonary Habilitation (Trach/Vent)
- Pulmonary Hypertension

- A collaborative, supportive, in-depth, multi-disciplinary training environment
- Basic science, translational, health disparity and clinical <u>research</u> with funded faculty mentors and state-of-the-art Simpson-Querry Biomedical Research facility
- Located in <u>downtown Chicago</u>, and serving a diverse patient population from the metro area and around the world
- <u>Master's program</u> opportunities through Feinberg School of Medicine

#### Follow us on Instagram! @LuriePulmSleep



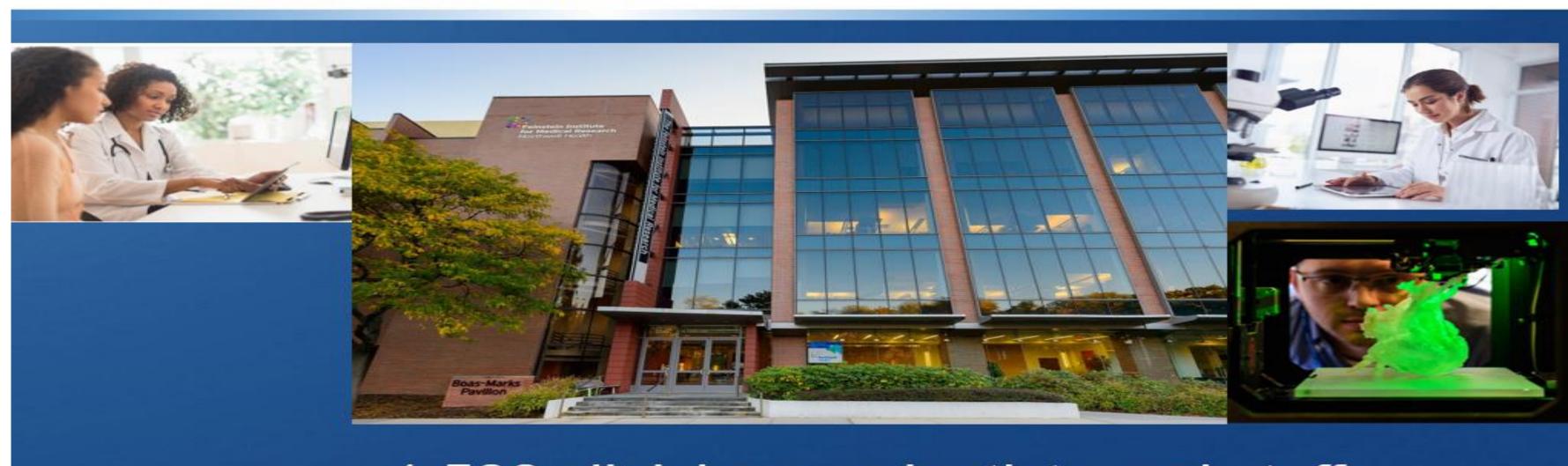
### Cohen Children's Medical Center



- 202 bed tertiary children's hospital
- Largest provider of pediatric health services in NY state
- Serve 1.8 million children in Brooklyn, Queens, Nassau and Suffolk counties.
- 83 general medical/surgical beds
- 4 bone marrow transplant beds
- 10 Neuroscience beds

Cohen Children's Medical Center unveils \$110M Pediatric Surgical Operating Complex

### Feinstein Institutes for Medical Research



- 1,500 clinicians, scientists and staff
- Over 2,000 studies
- > \$20 million in NIH funding

### Graduate Medical Education Programs (GME) at Northwell

- 145 training programs and 18,112 trainees
- 3<sup>rd</sup> largest sponsoring institution in the USA



# Cohen Children's Medical Center Northwell Health®

Ranked number 25 of Best Children's Hospitals for Pulmonology in the United States by U.S. News and World Report 2022 (# 1 Program in New York State)

### Clinics and Programs:

- Cystic Fibrosis Program largest in NY State
- Asthma Center/Project Breathe
- Pediatric Sleep Program
- CARE Program (Comprehensive Airway, Respiratory, Esophageal/GI Program)
- Clinic for Technology-Dependent Children
- Neuromuscular Disease Clinic
- Pulmonary Function Laboratory
- Bronchoscopy Program

### Faculty:

Dr. Maria Teresa Santiago - Chief

Dr. Annabelle Quizon - Fellowship Program Director

Dr. Joan German - CF Director

Dr. Kristin Kelly-Pieper - Sleep Program Director

Dr. Noel Gonzalez - PFT Lab Director

Dr. Elizabeth Fiorino - Medical Education

Dr. Lance Feld

\*Affiliation with the Zucker School of Medicine at Hofstra

### **Fellows:**

Dr. Maira Nusrat

Dr. Dana Kessler

### Fellows Common Curriculum

Research Methods, Biostatistics and Quality Improvement

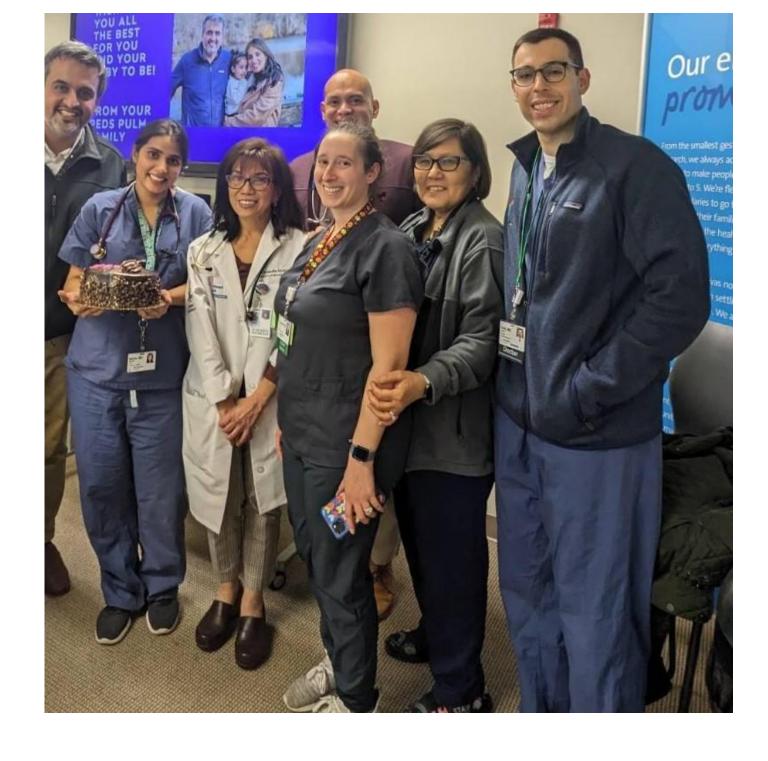
Leadership and Professionalism

Health Disparities and **Economics** 

Wellness

### **Conferences:**

- Fellows' teaching and physiology
- Weekly academic sessions
- MTA (Metropolitan NY Thoracic/Airway)
- CARE conference
- Multidisciplinary Pulm/Radiology/Pathology
- Signout
- Pediatric Grand Rounds
- Annual Vascular and Lymphatic Anomalies
- Jack Gorvoy Memorial CF Grand Rounds







Career and Professional Development





### **University of Miami** Pediatric Pulmonology Fellowship Program



### PROGRAM DIRECTOR

We aim at educating accomplished and wellrounded pediatric pulmonologists, whose training spans clinical excellence, technical skills and academic performance as educators and researchers, which ultimately offers the flexibility of a career choice that can balance all of these



Dr. Ignacio Tapia Program Director

### OUR PROGRAM

#### **Team Members**

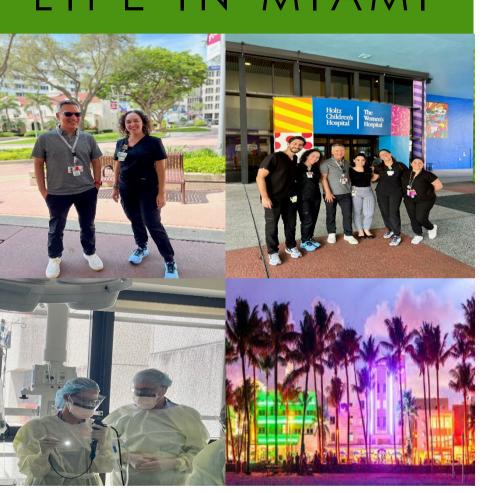
- 3 Faculty
- •3Fellows
- •1 APRNS
- •1 Dietitian
- 3 Clinical Coordinator
- •1 Social Worker

#### **Services and Centers**

- 263 pediatric beds
- Pediatric Special Procedures Unit
- Accredited CF center
- Sleep clinic and pediatric sleep lab
- Active bronchoscopy unit

### OUR RESEARCH

- Protected time for fellows' research
- Variety of opportunities for basic, translational or clinical research & quality improvement projects including local and national collaborations
- •Bronchoscopy course in Cincinnati paid by the division
- Opportunities for presentations at national and international scientific meetings
- •Consistent fellow's research publications
- Opportunities exist for T32 funded research for eligible candidates



#### SCAN TO LEARN MORE



realms.

About our fellowship

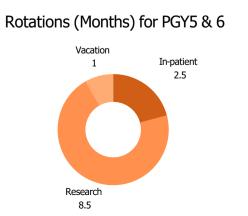
> About our division



### CURRICULUM

- Multi-disciplinary Meetings: Weekly Patient Review, Scholarly Oversight Committee (SOC)
- Transplantation Selection Meeting,
- Boot Camp Didactic/Board Review/Journal Club/ Mock ITE, QI training.

### Rotations (Months) for PGY4 Transplant In-patient



#### **Jackson Health System benefits include:**

- Competitive Salaries
- •\$2,500 yearly educational stipend
- •\$1,500 meal stipend

#### **Geographical Location benefits include:**

- Unique diverse patient population
- Expanded catchment area of Caribbean, Central and S. America



### Pediatric Pulmonology Fellowship



Stephen Kirkby MD, Program Director Lisa Ulrich MD, Associate Program Director Courtney Gushue DO, Associate Program Director







Karen S. McCoy MD, Division Chief Richard Shell MD, Section Chief Dodie Schilling, Program Coordinator

### **Fellowship Overview**

2 fellowship positions/year
ACGME Accredited Program
Combined adult/pediatric pathway option
18 faculty with diverse clinical and research interests
Culture of collegiality and camaraderie





### **Clinical Training**

- #3 ranked pulmonary program in USNWR
- Large inpatient & consult services, weekly fellow continuity clinic
- Multidisciplinary Cystic Fibrosis Center caring for ~450 pediatric and adult patients
- Subspecialty clinics including neuromuscular, sleep, transplant, aerodigestive, sickle cell, severe asthma, ILD, PCD, infant CF
- Elective opportunities including allergy, palliative care, pharmacy, ENT, pulmonary hypertension, and more!
- Introductory bronchoscopy course and an abundance of opportunities to perform bronchoscopies- average of >100 procedures by completion of fellowship



### **Nationwide Children's Hospital**

#### 2<sup>nd</sup> Largest Children's Hospital

#6 US News and World Report (2023-24)

Top 10 NIH Pediatric Research Funding
National Leader in Safety and Quality Research
Named one of America's Best Employers by Forbes

>1.7 million outpatient visits per year
Additional hospital tower opening in 2028
Large, esteemed pediatric and pediatric/IM

residency training programs

48 pediatric medical subspecialty fellowship programs

### Columbus, Ohio

Capital of Ohio and home to The Ohio State University
14<sup>th</sup> largest city in US and growing
Population of 2.4M people in metro area
Low cost of living (8% below the national average)
Metro parks, riverwalk, shopping, sporting events, concerts,
and restaurants galore!

#### **Benefits**

Generous relocation stipend
Reimbursement for ABP exam and professional memberships
Ohio medical license reimbursement
Funding for all fellows to travel to at least 1 national
conference/year

### **Media Links**







#### **Current Fellows**

#### First Year:

- Lusine Unanyan, DO
- Kyndall Smith, MD

#### **Second Year:**

- Swati Jayaram, MD
- Terace Thomas, MD

#### Third Year:

- Rachel Gaudio, DO
- Michelle Gillespie, MD- Combined Adult/Peds

#### Fifth Year:

• Sarah Cohen, MD- Combined Adult/Peds





### **Fellow Scholarly Activities**

- Hospital and research institute funds available
- Scholarship oversight committee involvement
- Variety of research opportunities including clinical, bench, QI, and/or medical education projects
- Weekly board review presentations, departmental conferences 2019-2024

17 Publications, 35 Abstracts8 CFF Grants totaling \$1,420,983

#### **Alumni**

96% of Graduates in Academic Centers across 13 states

NationwideChildrens.org/Pediatric-Pulmonary-Fellowship



### YaleNewHaven**Health**

### Yale New Haven Children's Hospital







**Program aim:** To train physicians to become future leaders in pediatric pulmonary medicine who will improve and transform care through scholarship and the practice of evidence-based, humanistic medical care with the goal of reducing disparities and achieving equity in respiratory health for all.

#### **Highlights:**

- Diverse patient population with wide array of respiratory conditions
- Four scholarly pathways (medical education, QI, global health, and investigative research)
- Specialty clinics: CF, asthma, aerodigestive (including BPD and technology dependent children), sleep, neuromuscular, allergy immunology, TB clinic)
- Plenty of exposure to flexible bronchoscopies
- Access to world class innovative research mentors
- Access to advanced training (e.g. MPH, MEd, MHS)
- Best pizza in town!

#### What our amazing fellows are doing:

Quality improvement, basic/translational science in CF, climate change research and advocacy, pursuing a masters in education.

#### Learn more:

Program website: <u>Click here</u> Yale Instagram: <u>Click here</u>

**Program Director:** Beverley Sheares, MD

Beverley.Sheares@yale.edu

Associate Program Director: Laura Chen, MD

Laura.Chen@yale.edu

**Program Coordinator:** Phyllis Miller Email: Phyllis.miller@yale.edu





**Program Goal:** To train the next generation of academic pediatric pulmonologists to be excellent clinicians, educators, and physicianscientists within an inclusive, collegial and supportive environment.

#### Clinical

#### **Outpatient:**

 Weekly Fellows continuity clinic

#### **Bronchoscopy**

- Multidisciplinary complex airway procedures
- Funded training course
- Simulation lab

#### Multi-Specialty & **Collaborative Programs**

- Cystic Fibrosis Center
- Aero-Digestive
- Severe Asthma Program
- Technology Dependent
- BPD
- **Pulmonary Hypertension**
- Neuromuscular Disease
- Fontan Follow Up
- Pediatric Sleep
- Rare/Diffuse Lung Disease
- PCD

#### Inpatient

- 244 Inpatient beds
- Family centered, team based multi-disciplinary patient care



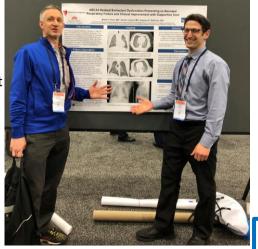
#### **Scholarship**

#### Research projects tailored to Fellows interests and career goals

- Clinical: QI, Population Health, Health Disparities, Database Cohort
- Medical Education
- **Basic Science**
- Advocacy, Leadership
- Global Health
- **Bioethics**

#### **Education**

- 3- year didactic curriculum
- New fellow summer bootcamp
- Weekly case conference
- Monthly mentored journal club
- QI curriculum
- Research seminars
- Technology dependent series
- Electives personalized for each fellow based on their interests
- Fellows are the "Primary Pulmonologist" for their clinic patients including CF, severe asthma and ventilator dependent.





#### **Our Fellows:**

• Are diverse, friendly & supportive

#### **Accomplishments include:**

- Academic publications
- Regional and national presentations
- Research grants
- Leadership career positions

Program Director: Dan Craven, MD Assistant PD: Moshe Prero, MD Assistant PD: Tori Endres. MD

Program Administrator: JaTaun Williams, MBA

Jataun.Williams@UHhospitals.org

#### Check us out!

Program Website:

https://t.co/fGjAourbvO

YouTube:

https://www.youtube.com/watch?v=clO AO9S6-MY

Twitter:

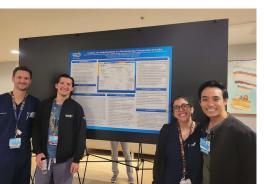
@RBCpulmFellows

Instagram:

**UH RBCpedpulmfellows** 















#### CHLA Pediatric Pulmonology Fellowship Program

- Provide compassionate and comprehensive clinical care to children with social and medical complexity
- Develop long lasting relationships with your patients
- Truly breathe pulmonary physiology
- Advance the field through research, QI, education, and ethics
- Obtain the right mentorship to achieve your career goals



Dr. Judy Voynow Chief and Fellowship Director



Dr. Michael Schechter **CF Center Director UCAN Director** 



Dr. Jonathan Ma Ventilator Dependent Care



Dr. Ron Williams Co-Director, Transitional Care - CHoR at Brook Road



Dr. Andrew Barber Associate CF Center Director Associate Fellowship Director



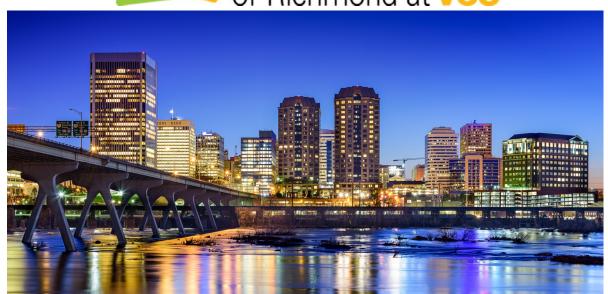
Dr. Pearl Yu Pediatric Sleep Center Director



Dr. Margaret Wardlaw Pediatric Sleep



# Children's Hospital of Richmond at VCU









#### Our Mission and Aims:

- 1: To provide outstanding clinical and procedural training experience on pulmonary inpatient, outpatient, and consult services at Children's Hospital Colorado and related training sites to deliver the highest quality, patient centered, safe, and comprehensive care for pediatric patients and families.
- 2: To provide exceptional opportunities for fellows in clinical, translational, basic, outcomes, quality improvement, or educational research to prepare for successful academic careers.
- 3: To establish a career development plan, including training and connection to leadership and advocacy opportunities, to guide fellows in establishing and reaching individual professional goals and objectives.
- 4: To teach trainees strategies to maintain wellness (of self and others), to build resilience, and to promote diversity, equity and inclusion.



Stacey Martiniano, MD, MSCS

Fellowship Program Director

stacey.martiniano@childrenscolorado.org





Fellowship Coordinator joseph.dipaolo@childrenscolorado.org



Current fellows (L → R): Molly

McCoy, MD, Angela Metcalf MD,

Emily Skeen, MD, Cristy Giles, MD,

Lilah Melzer, DO, Kamyron Jordan,



Fellowship Instagram: @coloradopedspulm

Fellowship Website (scan QR or copy address): https://medschool.cuanschutz.edu/pediatrics/ sections/pulmonary-sleep-medicine/fellowship



Our Pediatric Pulmonary and Sleep Medicine Section comprises 30 physicians, 19 APPs, 9 PhDs, and 7 fellows. Photo: Cotton Conference Annual Research Meeting & Retreat







### **Emory University**

#### Pediatric Pulmonology Fellowship Program



- Dawn Simon, MD Chief
- Eric Price, MD Program Director
- Sheel Shah, MD Associate Program Director
- Katherine Price Farmer, MS Program Coordinator
- >25 Pediatric Pulmonologists across 2 hospital campuses
- 2 Pediatric Pulmonology Fellows per year

#### Geographics:

Atlanta, GA is a diverse, cosmopolitan, hospitable, tree-filled city of over 5 million people with seasonal climate suitable for nearly year-round outdoor activities.

#### **Program specifics:**

- · 300-bed teaching hospital
- 10-bed Technology ICU
- 36-bed Pediatric ICU
- 26-bed Cardiac ICU
- 45-bed Neonatal ICU
- 12-bed Sleep lab
- · State of the art pulmonary function lab, bronchoscopy and endoscopy suite
- Fellows will perform ~100 bronchoscopies by the end of fellowship
- Large ambulatory center (Center for Advanced Pediatrics)
- 2nd largest cystic fibrosis population in the country
- Over 250 Technology dependent patients
- Large Hematology/Oncology program including sickle cell disease and Bone Marrow Transplant program
- Hospital and many subspecialties consistently rank in Top 20 USNWR

#### Separate inpatient and consult services:

Inpatient service includes general pulmonology, cystic fibrosis, and technology dependent patients. Typically this service has 15-20 patients and the fellow will work in collaboration with an advanced practice provider (APP), resident, and attending physician.

Consult service includes wide variety of medical diagnoses, typically 30-35 active patients list. Fellow works in collaboration with APP and attending physician. Fellows perform bronchoscopies while on consult service.

#### **Research Opportunities:**

- Abundant scholarly opportunities including translational, basic science, quality outcomes research
- FiRST (Fellowships in Research and Science Teaching) program introduces research resources for new fellows
- Fellows have been awarded Cystic Fibrosis Foundation Fellowship Grant each year for the last 6 years

#### **New Arthur M. Blank Hospital**

- Opening September 29, 2024
- 446 bed teaching hospital
- 24-bed Technology ICU





#### **Pediatric Pulmonary Fellowship**

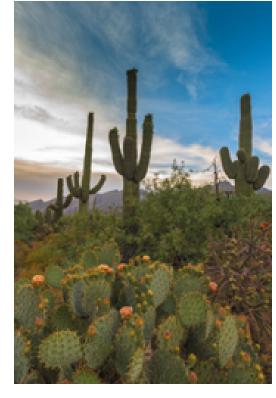
Located in beautiful Tucson, Arizona

https://peds.arizona.edu/division/ pulmonology-allergy-and-immunology

- Faculty: 5 Pediatric Pulmonary Physicians & 1 Pediatric Sleep Medicine Physician
- Clinical: Asthma, cystic fibrosis, apnea and sleep medicine, respiratory home care including chronic ventilator management, lung function assessment, pulmonary anomalies, diagnostic laryngoscopy and bronchoscopy, pulmonary function testing, pediatric polysomnography, exercise testing
- ➤ Spanish distinction track available
- ➤ <u>Education:</u> Didactics, journal club, board review, fellows attend a bronchoscopy course, MCHB Pediatric Pulmonary Center
- Research: Mentors from multiple disciplines available to guide projects in the Dept of Pediatrics and the Asthma & Airway Disease Research Center (https://airways.uahs.arizona.edu)











#### Children's Health

### Stanford University Program Stanford Health Care-sponsored







#### **Program Leadership:**

MyMy Buu, MD Caroline Okorie, MD, MPH John Mark, MD











#### **Current Fellows:**

- Trang Dinh, MD
- Jean Lee, MD
- Kalen Hendra, MD
- Jeff Ni. MD
- Krystal Jin, MD











#### **Training Program**: 36 months **Clinical Training**

- 12-16 months
- 24 weeks overnight call
- Clinical Programs:
  - Aerodigestive
  - BPD/Pulm HTN
  - Cystic fibrosis
  - Integrative medicine
  - Interstitial lung disease
  - Lung transplant
  - Neuromuscular disease
  - Primary Ciliary Dyskinesia
  - Sleep

#### **Scholarly Training**

- 17-21 months
- Scholarly projects include: Basic, Translational, Medical Education and Health Sciences, Global Health

#### 3 months vacation

https://med.stanford.edu/pedpulmonary





#### **Program Culture**

- Fellow education/training prioritized
- Mentorship for careers in academic pediatric pulmonary medicine
- Explore diverse areas of research
- 21+ faculty members, + NP/PA, RN, RT, RD, MSW, PharmD, PT, MA, Child Life, Psych

#### **Institution Culture**

- Free standing children's hospital on academic campus
- Bring science and medicine together for clinical, translational and bench discovery
- Education support infrastructure in Dept of Peds, GME, School of Medicine for 128+ fellows in 22 pediatric fellowship programs

#### **Geographic Area**

- Silicon Valley/San Francisco Bay Area in Northern California
- Diverse population ethnic, cultural, socioeconomic