

2019-2020



UAB PEDIATRIC FELLOWSHIP PROGRAMS

UAB MEDICINE.
PEDIATRICS



Children's
of Alabama®



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UAB PEDIATRIC FELLOWSHIP PROGRAMS

The University of Alabama at Birmingham (UAB) Department of Pediatrics' clinical services are provided at Children's of Alabama. Children's of Alabama is a private, not-for-profit medical center that also serves as the primary site of the UAB pediatric medicine, surgery, research, fellowship and residency programs. For more than 50 years, the partnership between UAB and Children's has provided outstanding care to the youngest, most vulnerable patients. It has also established Birmingham as a nationally-renowned center for pediatric medicine. This powerful alliance allows these two institutions to leverage their unique strengths and resources to pursue a joint mission — to offer world-class pediatric health services in an environment that fosters groundbreaking research, excellence in medical education, and leading-edge treatments for pediatric illnesses and injuries.



Children's
of Alabama®

WELCOME TO UAB AND CHILDREN'S OF ALABAMA

Thank you for your interest in our Fellowship Programs. We are pleased that you are here and excited to help you in the process of finding the right fellowship for you.

Throughout this booklet, we hope you'll find beneficial information that will give you a preview of what you will find here at UAB, Children's of Alabama and the city of Birmingham.

If there is anything you would like to know that is not included, please contact us.



MITCH COHEN, MD

Department of Pediatrics

Chair



ANN KLASNER, MD, MPH

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CITY & PROGRAM OVERVIEW



IT'S NICE TO HAVE YOU IN BIRMINGHAM!



THE BIRMINGHAM ZOO



BARBER MOTORSPORT PARK & MUSEUM



VULCAN PARK



PEPPERPLACE MARKET



REGIONS FIELD



RAILROAD PARK



BOTANICAL GARDENS



CIVIL RIGHTS INSTITUTE



MUSEUM OF ART



ROBERT TRENT JONES GOLF TRAIL



RED MOUNTAIN PARK



RUFFNER MOUNTAIN

ABOUT BIRMINGHAM

VISIT [HTTP://WWW.UAB.EDU/MEDICINE/HOME/BIRMINGHAM](http://www.uab.edu/medicine/home/birmingham) TO FIND:





BIRMINGHAM BY THE NUMBERS



AVERAGE
INCHES OF
ANNUAL
SNOWFALL



12
JEFFERSON
COUNTY
HOSPITALS



15-20 AVERAGE NUMBER OF MINUTES
TO COMMUTE TO WORK



22
PUBLIC GOLF COURSES



23
ALABAMA
STATE PARKS



50+ SHOPPING CENTERS

147 MILES TO ATLANTA, GA

210 MILES TO DESTIN, FL (BEACH)



65°F
AVERAGE TEMPERATURE



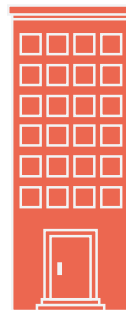
129
DAYS OF PERCIPITATION



500+
RESTAURANTS

VULCAN IS THE WORLDS LARGEST
CAST IRON STATUE AND WEIGHS

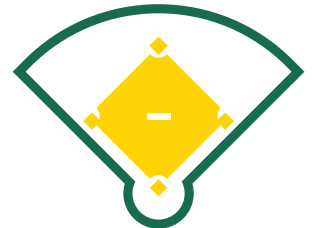
101,200 lbs



\$990
AVERAGE RENT
FOR A 2
BEDROOM
APARTMENT

HOME TO THE OLDEST
BASEBALL STADIUM,
RICKWOOD FIELD.
IT OPENED IN

1910



UAB PEDIATRICS BY THE NUMBERS

 **73,403** NUMBER OF VISITS TO EMERGENCY MEDICINE


PEDIATRIC CRITICAL CARE TRANSPORTS **969** 

 **241** PEDIATRIC FACULTY MEMBERS

18 FELLOWSHIP PROGRAMS

72 FELLOWS | **96** RESIDENTS

 **380** LICENSED BEDS AND BASSINETS

 **258** DAILY AVERAGE CENSUS

 10 CONSECUTIVE YEARS RANKED AMONG NATION'S BEST BY U.S. NEWS AND WORLD REPORT

 **15,614** INPATIENT ADMISSIONS

 **677,390** OUTPATIENT CLINIC VISITS

TREAT PATIENTS FROM

ALL **67** COUNTIES



42 OTHER STATES



7 FOREIGN COUNTRIES

FELLOWSHIP OVERVIEW

16 ACGME APPROVED PEDIATRIC FELLOWSHIP PROGRAMS

ADOLESCENT MEDICINE
ALLERGY-IMMUNOLOGY
CARDIOLOGY
CHILD NEUROLOGY
CRITICAL CARE
EMERGENCY MEDICINE
ENDOCRINOLOGY
GASTROENTEROLOGY

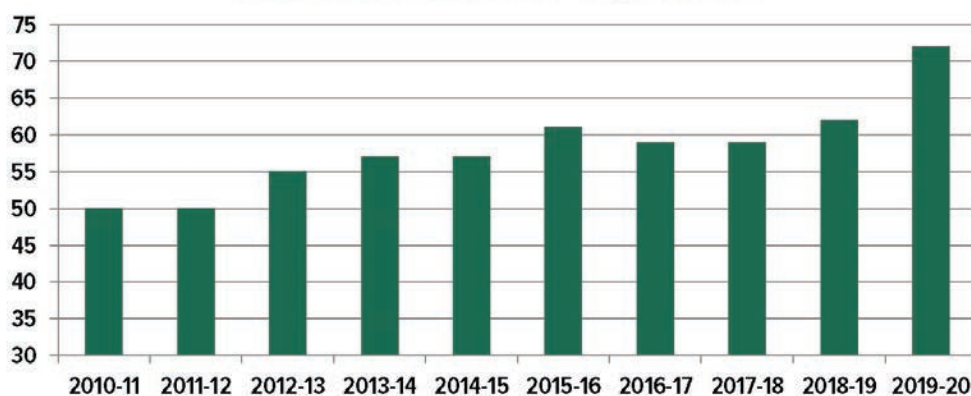
HEMATOLOGY-ONCOLOGY
HOSPICE-PALLIATIVE CARE
INFECTIOUS DISEASES
NEONATOLOGY
NEPHROLOGY
PULMONOLOGY
RHEUMATOLOGY
SLEEP MEDICINE

2 NON-ACGME PEDIATRIC FELLOWSHIP PROGRAMS

CARDIAC CRITICAL CARE

HOSPITAL MEDICINE

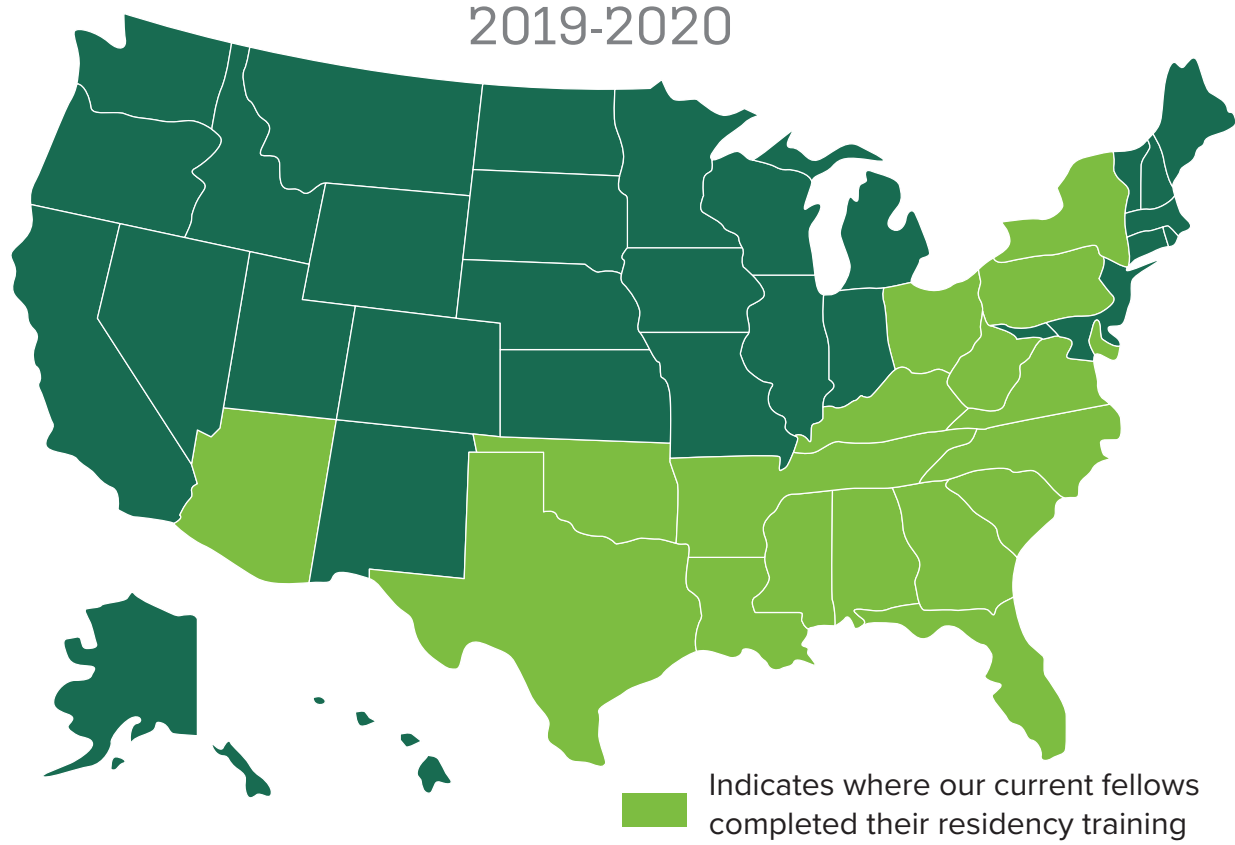
Total Fellows by Year



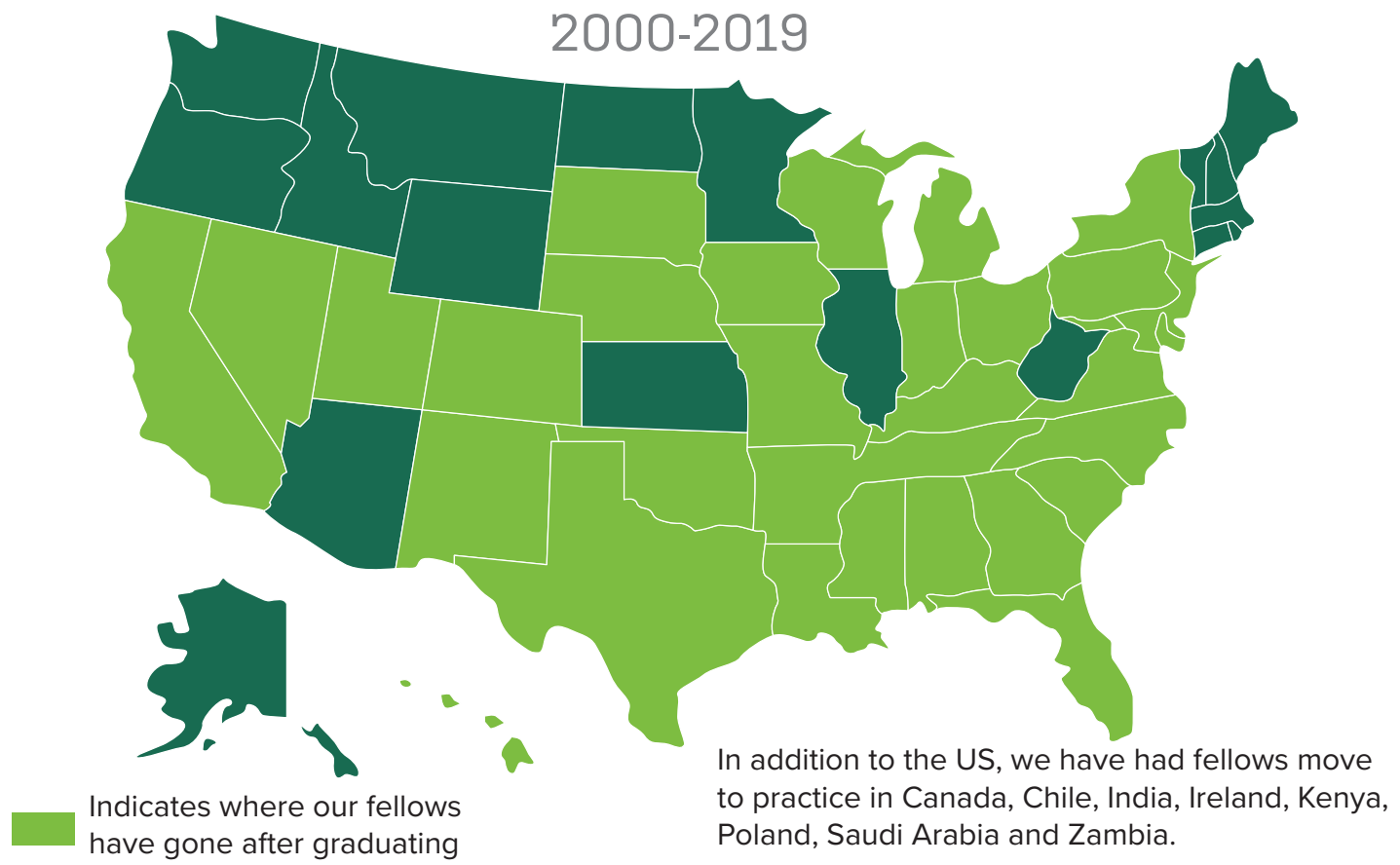
Approximately 80% of our Pediatric fellowship graduates go into academics or seek additional training. While 20% go into private practice or other areas of interest (i.e., CDC, International Missions, etc.).

OUR FELLOWS ACROSS THE NATION

Where UAB Pediatric Fellows Come From 2019-2020



Where UAB Pediatric Fellows Go 2000-2019



FELLOW EDUCATION

FELLOWS' RESEARCH ROUNDTABLE

The Fellows' Research Roundtable promotes internal discussion of research-related topics across divisions and departments. Presentations have covered many types of research related to child health. They may include research in the basic sciences, clinical investigation, public health, health systems research, medical humanities, or any other child-health related areas of interest to pediatrics and related subspecialties. The interactions generated in this setting are a fundamental component of the academic environment and experience of the UAB Department of Pediatrics, and are integral to the pursuit of an academic career.

SAMPLE PRESENTATION TOPICS

Early Vitamin D Supplementation in Extremely Preterm Infants

Asthma Prescription Filling and Readmission

Development of an Outcome Measure for Young Adults with JIA

TGF-beta Pathobiology in CF Lung Disease

CORE EDUCATIONAL CURRICULUM

The Fellows' Core Educational Series was organized in 2015 to supplement individual division-level educational efforts. The primary focus is on topics that cross all fellowships. Examples of topics to be covered include: research, career development, education-related topics, teaching and presenting skills, cultural competency, communication, advocacy and leadership.

YEAR 1	YEAR 2
Risk Management	Research Grants
Library Resources	Research Ethics
Leadership Skills	Biostatistics and Epi
Negotiating for an Academic Job	Evidence Based Medicine
Contracts	IRB Management
Advocacy	Presenting Research
Professionalism	Research Design
Wellness	Simulation in Education
Economics of Healthcare	Promotion and Tenure
Academic Success	CV Preparation
Presentation Skills	Quality Improvement
Social media	Patient Safety



PEDIATRIC SCIENCE DAY

In 2016, the Department of Pediatrics began hosting an annual Pediatric Science Day in the Bradley Lecture Center. On average, 20 pediatric presentations are showcased, including presentations by pediatric fellows, pediatric residents, post-docs, medical students and others. Each year a key note speaker is recruited as an integral, active participant during both the platform and poster sessions. They also are the featured Grand Rounds speaker. Typically, 70 plus faculty members participate in the day's activities.



PRESENTATIONS AT REGIONAL AND NATIONAL CONFERENCES

Fellows have the opportunity to present their research at regional and national conferences.

Over the years fellows have presented at:

- Pediatric Academic Societies Meeting
- Southern Society for Pediatric Research Annual Meeting
- UAB Research and Innovations in Medical Education (RIME) Week
- UAB Pediatric Science Day
- and many subspecialty conferences.

PEDIATRIC RESEARCH OFFICE

The UAB Department of Pediatrics established the Pediatric Research Office (PRO) in 2015 to renew its commitment to the generation of new knowledge in the diagnosis, treatment, and sequelae of pediatric diseases.

The PRO provides assistance to investigators conducting pediatric research by providing pre-award and post-award support. A collaborative group from Pediatrics and beyond, the PRO's activities are well-integrated with other research and training efforts across the university.



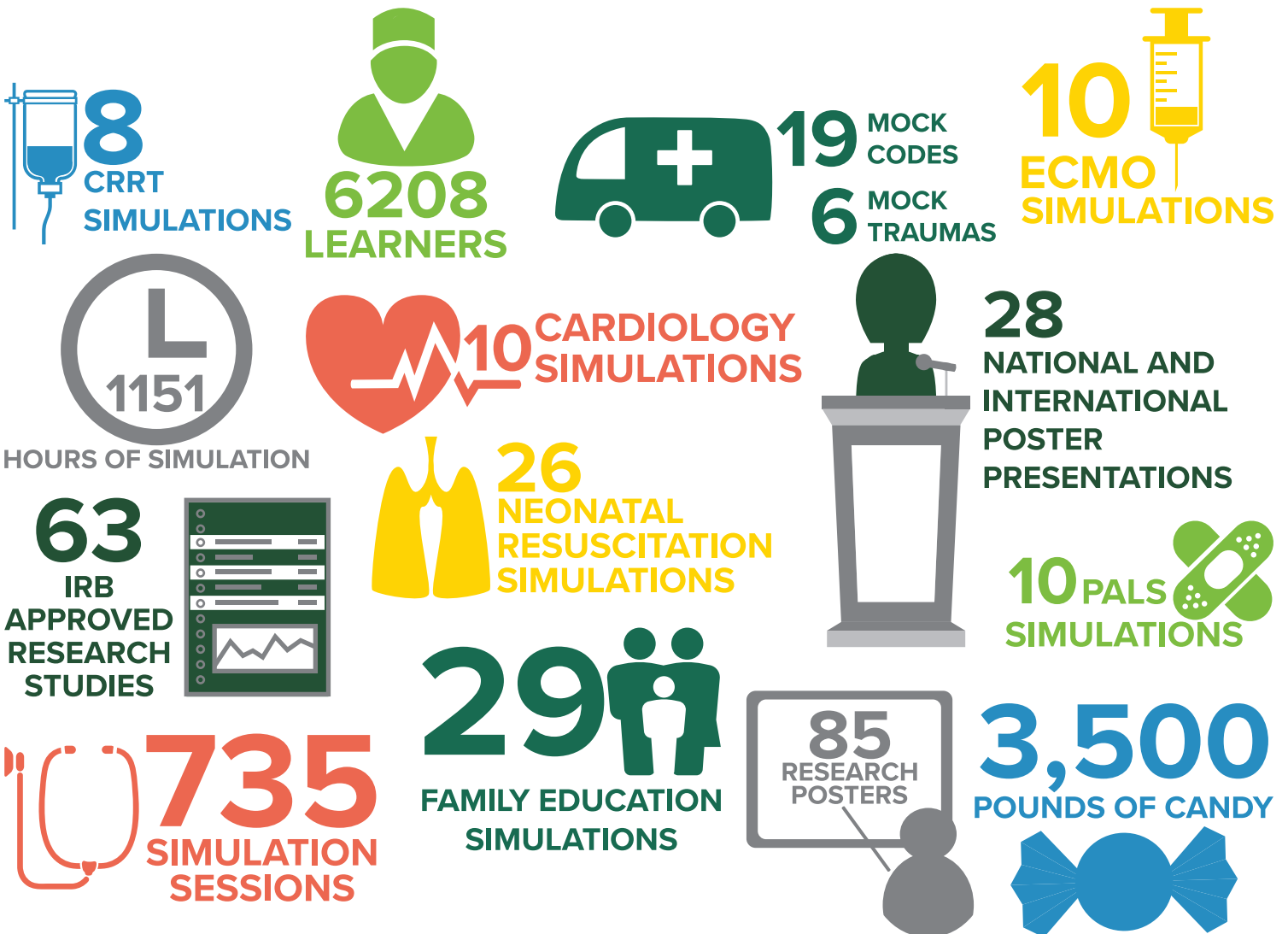
In FY 2018, the Department of Pediatrics faculty had over **358** publications, research funding from the NIH of **\$15.8** million (placing us **18th** among all Departments of Pediatrics in the United States) and total research funding of **\$29.5** million.

SIMULATION CENTER

The Pediatric Simulation Center at Children’s of Alabama was established in 2007 to provide physicians, nurses, respiratory therapists, pharmacists, students and other health care professionals with opportunities to perform common medical procedures and respond to rare, complex conditions and life-threatening emergencies. With the help of supporters, the Center continues to grow and has nine simulators ranging in age from premature infant and newborn to teen.



Three of the simulators are wireless and can be used off-site. Our staff strives to maintain our vision of a multidisciplinary center of excellence that utilizes high-fidelity simulation to promote education, research, and the delivery of safe, innovative health care for children. The Center’s mission is to integrate simulation throughout Children’s of Alabama in a structured learning environment that promotes excellence in clinical care, patient safety, and education for all pediatric healthcare practitioners and care teams.



QUALITY IMPROVEMENT & PATIENT SAFETY

Quality improvement and patient safety are key educational components to fellowship training. UAB has a unique Graduate Certificate Program in Healthcare Quality and Safety. This program can lead to a master's degree via the UAB School of Health Professions. These are valuable opportunities for our fellows to participate in during their training.

Realizing that all fellows may not desire to obtain this certificate, a UAB Mini Quality Academy (MQA) has been developed to provide a standard curriculum in Quality Improvement and Patient Safety. Each half-day session allows for inter-professional training and collaboration. Participants will learn methods for being an effective member of an impactful QI team. Most residents and fellows will be required to participate in MQA.



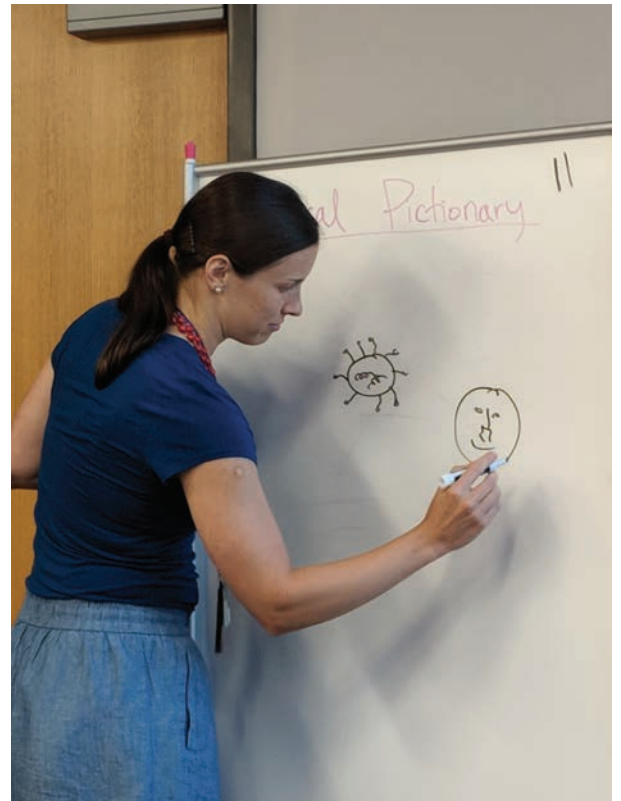
Samples of UAB Pediatric Fellow QI Projects:

- Sickle Cell and Fever – Time to Antibiotics
- Outpatient Constipation Project
- Reducing VTE in at risk patients
- Breastfeeding Initiation Rates
- Annual flu shot compliance in immunocompromised patients



FELLOWSHIP WELLNESS



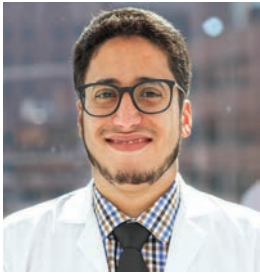


FELLOWSHIP AWARDS

DIXON FELLOWSHIP AWARD

The Dixon Foundation endows a fellowship program in Pediatrics expressly aimed at supporting post-doctoral training and research in approved Pediatric subspecialties to prepare outstanding fellows for a career in academia. The program was initiated in 1988 by Ed and Peggy Dixon following the loss of their grandson, Bradford Dean Dixon, to Biliary Atresia. As part of this prestigious award, recipients benefit from salary support and an additional \$5,000 per year discretionary fund to support research and continuing education.

2019 DIXON FELLOWS



Dr. Abdulsalam Alsulami
Infectious Disease



Dr. Aditi Dhir
Hematology/
Oncology



Dr. Veronica Godsey
Critical Care



Dr. Nazia Kabani
ID & Neonatology



Dr. Charles Schlappi
Hematology/
Oncology

CHU FAMILY EDUCATIONAL SCHOLARSHIP

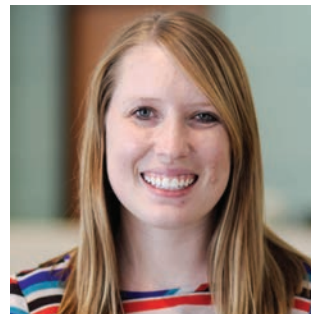
The Chu Family has provided a generous gift for educational initiatives. A large portion of the gift has been set aside specifically for Pediatric Fellows. A competitive process is in place for fellows to apply for these funds on a yearly basis. Some examples of education endeavors that are suitable for application include: Masters of Public Health, Masters of Science in Public Health, Quality Academy, Masters of Quality and Safety, Masters of Education, Masters of Business Administration and others. To date, Chu Scholarships have been awarded to 11 Pediatric Fellows to assist in furthering their educational goals.

2019-2020 CHU FAMILY SCHOLARS



Dr. Jennifer Hoefert
Hospital Medicine Fellow

Educational Initiative:
UAB Quality Academy
Certificate Course



Dr. Hannah Hulsey
Adolescent Medicine Fellow

Educational Initiative:
Individualized Curriculum to
enhance health disparities
education

FELLOWSHIP PROGRAMS





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GASTROENTEROLOGY, HEPATOLOGY & NUTRITION	34
HEMATOLOGY & ONCOLOGY	35
HOSPICE & PALLIATIVE MEDICINE	36
HOSPITAL MEDICINE	37
INFECTIOUS DISEASES	38
MEDICAL GENETICS & GENOMICS	39
NEONATOLOGY	40
NEPHROLOGY	41
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PULMONOLOGY	43
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SLEEP MEDICINE	45

ADOLESCENT MEDICINE

The UAB Adolescent Medicine Fellowship program is an RRC-approved training program for physicians who have completed specialty training in pediatrics, family medicine or internal medicine. The three-year fellowship includes comprehensive interdisciplinary training based upon ACGME core competencies. Fellows participate actively in teaching of medical students, residents and health care trainees from nutrition, nursing and other health related fields. The core faculty members of the program are physicians, nurse practitioners, psychologists, social workers, dietitians and other health professionals with special training and expertise in adolescent health issues.

Fellows can participate in master's level training in public health, maternal and child health, health administration and other health-related fields.

OUR FELLOW



Hannah Hulsey, M.D.
Second Year Fellow



LEADERSHIP EDUCATION IN ADOLESCENT HEALTH (LEAH)

Adolescent Medicine fellows participate in the interdisciplinary Maternal and Child Health Bureau funded Leadership Education in Adolescent Health (LEAH) training program which encompasses:

- MCH Leadership Training
- Community Engagement
- Policy and Advocacy Training
- Professional Networking Opportunities

The LEAH training program makes us one of the premiere Adolescent Medicine Fellowship Programs in the U.S.; and the only one in the Southeast.

Fast Facts

Publications in 2018	16
Grant Awards in 2018	\$1,560,453
Current Faculty	8
Adolescent Clinic Visit in 2018	3,486
Inpatient Admissions in 2018	354

FELLOWSHIP DIRECTOR



Tina Simpson, M.D., MPH
Professor
Residency: Pediatrics, UAB
Fellowship: Adolescent Medicine, UAB

FELLOWSHIP COORDINATOR



Adrienne Marbury, MPA
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P: 205.638.6970

FACULTY RESEARCH INTERESTS

Heather Austin, Ph.D.

Adolescent and Pediatric Obesity, and Variables Affecting Health Behavior in Adolescents

Krista Casazza, Ph.D., RDN, LD

Musculoskeletal Function in Adolescents

Tamera Coyne- Beasley, M.D., MPH

Adolescent Sexual Health; Health Disparities and Health Policy

Nefertiti Durant, M.D., MPH

Using Technology to Promote Physical Activity

Samantha Hill, M.D., MPH

Adolescent Sexual Health; STIs, HIV and PreP

Rebekah Savage, M.D., MPH

Adolescent Substance Use

Tina Simpson, M.D., MPH

Adolescent Sexual Risk Taking Behaviors
HPV Vaccination

Stephenie Wallace, M.D., MSPH

Pediatric and Adolescent Obesity

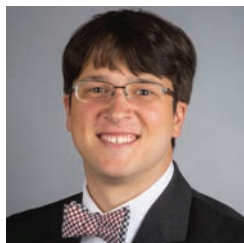
The UAB Allergy & Immunology Fellowship Program is a two-year, accredited, joint adult and pediatric fellowship program accepting one candidate each year with board eligibility or certification in internal medicine, pediatrics or med-peds. We strive to train and educate fellows to be empathic and prepared to practice as an allergist in either an academic or private-practice setting.

Fellow continuity clinics are through hospital-based outpatient clinics at the VA and Children's of Alabama; they also attend one half-day clinic per week on a rotating basis with volunteer faculty allergists who practice in the local community. During their two-years of training, fellows are encouraged to pursue electives in subspecialties of their choice (i.e. oral immunotherapy, dermatology, ENT). Fellows and faculty meet twice weekly for didactic conferences and once a month for journal club/difficult case session alongside community allergists.

OUR FELLOWS



**JaneMarie
Freeman, M.D.**
First Year Fellow



**Michael
Polcari, M.D.**
Second Year Fellow

FELLOWSHIP DIRECTOR



Prescott Atkinson, M.D., Ph.D.
Division Director
Professor
Residency: Pediatrics, UAB
Georgetown University
Fellowship: Allergy & Immunology
NIH/NIAID

ASSOCIATE FELLOWSHIP DIRECTOR



Amy CaJacob, M.D.
Assistant Professor
Residency: Internal Medicine, UAB
Fellowship: Allergy & Immunology,
UAB

FELLOWSHIP COORDINATOR



Scott DeFreese
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Fast Facts

Publications in 2018	6
Grant Awards in 2018	\$38,000
Current Faculty	4
Year Fellowship Started	1990
Fellows Trained To Date	23
Clinic Visits in 2018	3,899

RESEARCH INTERESTS

Prescott Atkinson – Research in my laboratory is focused on the role of atypical organisms in the pathogenesis of chronic diseases such as asthma and arthritis. One ongoing project in the lab is to determine the effects of allergen sensitization on the immune response to *Mycoplasma pneumoniae* in a mouse model of asthma. Another project is characterizing mechanisms of pathogenesis of *Ureaplasma urealyticum* and *U. parvum* in extremely premature infants. I am also actively engaged in the development of rational strategies to determine the molecular basis for unidentified immunodeficiencies in patients in my weekly clinics at Children's of Alabama. Such patients often represent natural "knockouts" or dominant negative mutations in signaling molecules and provide valuable insights into critical steps in receptor signaling in the human immune system.

Amy CaJacob – Food allergy (FPIES, EoE), QI, inpatient management of drug allergy

Suthida Kankirawatana – State of Alabama SCID newborn screening

Katie Grisanti – Food allergy, drug allergy and PID

Tracy Hwangpo – Genetic causes of CVID

CARDIAC CRITICAL CARE

The UAB Pediatric Cardiac Critical Care Fellowship Program is a one-year clinical fellowship dedicated to advanced training of future cardiac intensivists in the management of critically ill pediatric patients with congenital and acquired heart disease. We accept one fellow per year that is board eligible in pediatric critical care, pediatric cardiology or neonatology. Our Cardiovascular Intensive Care Unit is a 20-bed unit with 500 medical and surgical admissions per year. As the only Pediatric Cardiothoracic Surgery Center in the state of Alabama, we admit a vast variety of pathologies including congenital heart disease, heart failure, arrhythmias, ventricular assist devices, ECMO, and heart transplant. Our cardiac critical care program is a collaborative effort between the Divisions of Pediatric Cardiology, Pediatric Cardiothoracic Surgery, Pediatric Cardiac Anesthesiology and Neonatology. This one-year fellowship is uniquely designed to provide training based on the candidate's previous clinical skills and knowledge as well as build experience in research and quality improvement in the CICU.

OUR FELLOWS



Sai Krishna Surapa Raju, M.D.
First Year Fellow

RESEARCH INTERESTS

Our research is multidisciplinary and an integral part of our division. All faculty are involved in clinical and translational research at some level with fellow participation. We are very involved with multi-institutional collaborative research and quality improvement projects with PC4. It is our goal for each fellow to complete one research project and present at at least one conference during fellowship. Some of our interests include:

- Cardiac arrest
- Cardiac surgery induced AKI and fluid overload
- Cardiac surgery induce adrenal insufficiency
- Preoperative feeding in neonates with congenital heart surgery
- Prophylactic PD in high-risk neonates
- Arteriovenous CO2 gradient outcomes after infant
- Xenotransplant: evaluating capabilities and society attitudes

Fast Facts

Publications in 2018	8
Grant Awards in 2018	\$19,034
Current Faculty	7
Inpatient Admissions in 2018	389
Number of Fellows Trained	8
CVICU Beds	20

FELLOWSHIP DIRECTOR



Leslie Rhodes, M.D.
Assistant Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Critical Care, UAB
Pediatric Cardiac Critical Care, UAB

FELLOWSHIP COORDINATOR



LaTanya Brown
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PUBLICATIONS

Impact of contrast exposure from computed tomography angiography on acute kidney injury after neonatal cardiopulmonary bypass surgery. Carlo WF, Clark ST, Borasino S, Alten JA. Congenit Heart Dis 2017.

Routine Sildenafil Does Not Improve Clinical Outcomes After Fontan Operation. Collins JLG, Law MA, Borasino S, Erwin WC, Cleveland DC, Alten JA. Pediatr Cardiol 2017.

Does Extracorporeal Membrane Oxygenation Improve Survival in Pediatric Acute Respiratory Failure? Barbaro RP, Xu Y, Borasino S, et al. Am J Respir Crit Care Med 2018; 197(9): 1177-86.

Furosemide Response Predicts Acute Kidney Injury After Cardiac Surgery in Infants and Neonates. Borasino S, Wall KM, Crawford JH, et al. Pediatr Crit Care Med 2018; 19(4): 310-7.

Positive Airway Pressure Versus High-Flow Nasal Cannula for Prevention of Extubation Failure in Infants After Congenital Heart Surgery. Richter RP, Alten JA, King RW, et al. Pediatr Crit Care Med 2018.

Impact of Hemolysis on Acute Kidney Injury and Mortality in Children Supported with Cardiac Extracorporeal Membrane Oxygenation. Borasino S, Kalra Y, Elam AR, et al. J Extra Corpor Technol 2018; 50(4): 217-24.

The Pediatric Cardiology Fellowship Program at UAB offers a three-year innovative training opportunity to develop clinical excellence and all of the skills needed to be an independently practicing pediatric cardiologist.

Our program offers exposure to a broad diversity of congenital and acquired cardiac disease as well as ample opportunities for scholarly activity, advocacy and leadership. The faculty possess expertise in the areas of **electrophysiology, advanced imaging, interventional catheterization, cardiac intensive care, adult congenital, heart failure and mechanical support**. We also offer the intimacy and flexibility of training objectives tailored to individual fellows' long-term career goals as academic cardiologists and successful healthcare leaders.

OUR FELLOWS



Christian Tan, M.D.
First Year Fellow



Stephen Clark, M.D.
Second Year Fellow



Jeb Raulston, M.D.
Third Year Fellow

PUBLICATIONS

Impact of contrast exposure from computed tomography angiography on acute kidney injury after neonatal cardiopulmonary bypass surgery. Carlo WF1, Clark ST2, Borasino S3, Alten JA3. Congenit Heart Dis. 2017 Jul;12(4):540-545. doi: 10.1111/chd.12482. PMID: 28557332

Routine Sildenafil Does Not Improve Clinical Outcomes After Fontan Operation. Collins JLG1, Law MA1, Borasino S2, Erwin WC3, Cleveland DC4, Alten JA5,6. Pediatr Cardiol. 2017 Dec;38(8):1703-708. doi: 10.1007/s00246-017-1716-4. PMID: 28884212

Preoperative trophic feeds in neonates with hypoplastic left heart syndrome. Toms R1, Jackson KW, Dabal RJ, Reebals CH, Alten JA. Congenit Heart Dis. 2015 Jan-Feb;10(1):36-42. doi: 10.1111/chd.12177. PMID: 24605907

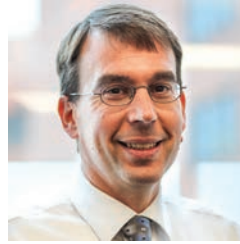
Multimodality Imaging of Rare Adult Presentation of ALCAPA Treated With Takeuchi Repair. Chatterjee A1, Watts TE2, Mauchley DC3, Iskandrian AE2, Law MA4. JACC Cardiovasc Interv. 2018 Jan 8;11(1):98-99. doi: 10.1016/j.jcin.2017.09.016. PMID: 29248407

An Infant With Hemodynamic Collapse. Prejean SP1, Raulston JEB2, Kay GN1. Circulation. 2019 May 28;139(22):2588-2590. doi: 10.1161/CIRCULATIONAHA.119.040906.

Fast Facts

Publications in 2018	12	TEE Per Year	600
Grant Awards in 2018	\$58,934	Cardiac CTA Per Year	100
Current Faculty	11	Cardiac MRI Per Year	80
Clinic Visits in 2018	9,135	Cath/EP Per Year	700
Echo Per Year	15,000	Surgical Cases Per Year	475
Cardiopulmonary Bypass Cases	300	Transplants Per Year	10

FELLOWSHIP DIRECTOR



Mark Law, M.D.
Associate Professor
Residency: Internal Medicine/
Pediatrics, UAB
Fellowship: Pediatric Cardiology,
Baylor College of Medicine

ASSOCIATE FELLOWSHIP DIRECTOR



Robb Romp, M.D.
Associate Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Cardiology, Duke
University Medical Center

FELLOWSHIP COORDINATOR



Ina Schaffer
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RESEARCH INTERESTS

Our research is multidisciplinary. The overall goal of the research is to provide the fellow with the knowledge and skills necessary to become proficient and effective in identifying reasonable research hypotheses:

- Heart transplant outcomes
- Cardiac finding in tuberous sclerosis
- Ultrasound guided procedures
- Outcomes of transcatheter pulmonary valve implantation
- Palliation versus repair in Tetralogy of Fallot
- Short, mid and long-term outcomes of the Fontan operation
- Feeding in neonates before and after congenital heart surgery
- Percutaneous ECMO cannulation in the ICU
- Epidemiology of Kawasaki Disease in the South
- Genetic screening in congenital heart disease
- Aspiration and associated adverse events after congenital heart surgery

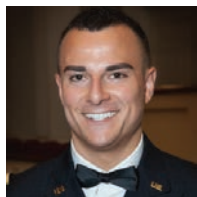


CHILD NEUROLOGY

The UAB Child Neurology Residency Program is a five-year categorical residency program designed to educate and empower trainees to be well-trained, patient-centered child neurologists. Training is based on supervised clinical work with increasing responsibility for outpatients and inpatients over time, and we offer two categorical resident positions each year. Almost all residents complete two years of training in general pediatrics prior to their training in child neurology. Our graduates are eligible to sit for the neurology boards as well as pediatrics boards.

As the largest pediatric referral center in the state of Alabama, we offer trainees exposure to a wide array of neurologic disorders in our general pediatric neurology clinics and in other clinic settings which include: the Center for Pediatric Onset Demyelinating Disorders Clinic, Tourette Syndrome Clinic/CBIT, Neurogenetics Clinic, Rett Syndrome Clinic, UAB Tuberous Sclerosis Clinic in collaboration with UAB Genetics, Ketogenic Diet Clinic, and MDA Clinic. We also have a robust epilepsy surgery program at UAB, which is an educational platform our trainees enjoy. We utilize a state-of-the-art simulation center at Children's of Alabama to provide simulation education for our trainees, residents and medical students. Our division believes in the power of mentorship and lifelong learning. Overall, our training program strives to ensure that our residents are well-rounded and ready for autonomous practice upon graduation.

OUR FELLOWS



Matt Lustig, M.D.
First Year Fellow



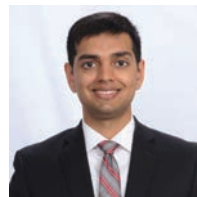
Katie Thaggard, M.D.
First Year Fellow



Brittney Jones, M.D.
Second Year Fellow



Rachel Bass, D.O.
Third Year Fellow



Neal Sankhla, M.D.
Third Year Fellow

RESIDENCY DIRECTOR



Tony McGrath, M.D.
Associate Professor
Residency: Neurology, University of Oklahoma
Fellowship: Child Neurology, UAB

ASSISTANT RESIDENCY DIRECTOR



Sarah Novara, M.D.
Assistant Professor
Residency: Child Neurology, UAB

RESIDENCY COORDINATOR



Charmaine Echols
E: cechols@peds.uab.edu
P: 205.996.7859

OUR RESIDENTS

Khaled Al-Robaidi, M.D. PGY-1

Sarah Grace Engel, M.D. PGY-1

Erin McLeod, M.D. PGY-2



RESEARCH INTERESTS

Our division's faculty and residents are involved in a variety of scholarly activities in the areas of basic science research, clinical research and quality improvement. Current activities include:

- Rett Syndrome Natural History Study
- The Alexander Lab: studying the epigenetic (non-DNA modifications) and genetic (DNA modifications) factors that regulate human neuromuscular diseases and to develop novel therapeutics for the treatment of these debilitating disorders
- A multicenter, open-label study to investigate the safety and tolerability of intravenous lacosamide as replacement for oral lacosamide in children (≥ 4 to < 17 years of age) with epilepsy
- Neuroimaging and clinical characteristics of pediatric patients with migraine variants and intractable migraine
- Improving access to outpatient child neurology care
- Comparison of Acute Flaccid Myelitis (AFM) patients diagnosed since 2014 vs. patients with AFM identified retrospectively with onset prior to 2014

Fast Facts

Publications in 2018	: 17
Grant Awards in 2018	: \$2,304,356
Current Faculty	: 21
CRNPs	: 5
Clinic Visits in 2018	: 9,672
Inpatient Admissions	: 523
Year Fellowship Began	: 1987
Number of beds in EMU	: 8

Only dedicated pediatric EMU in Alabama

Specialists on Faculty in the areas of

- pediatric movement disorders
- pediatric neuromuscular
- pediatric demyelinating diseases
- neurogenetics

The Pediatric Critical Care Fellowship Program is the only fully accredited comprehensive critical care fellowship program in the state of Alabama. We prepare our graduates for the American Board of Pediatrics Subspecialty board exam in Pediatric Critical Care Medicine with a 100 percent pass rate for first-time board takers. The program includes clinical research, QI, simulation training and supervised graduated autonomy.

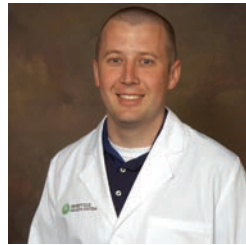
At Children's of Alabama, the only Level I pediatric trauma center and ECMO center in the state of Alabama, fellows acquire the necessary skills to become excellent academic intensivists. They learn to diagnose and care for patients with a wide variety of conditions such as multiple traumas, respiratory failure, surgical diagnoses, shock, and multi-organ failure dysfunction.

The 36-month curriculum includes 16 months of clinical service -- nine months in the Pediatric Intensive Care Unit, a 24-bed unit with approximately 1,400 admissions per year, and four months in the Cardiac Intensive Care Unit, a 20-bed unit with more than 300 pump cases and 500 surgeries per year. The curriculum also includes 20 months of protected research time and nine weeks of vacation.

OUR FELLOWS



Veronica Godsey, M.D.
Third Year Fellow



Jeremy Loberger, M.D.
Third Year Fellow



Emily Dodenhoff, M.D.
Second Year Fellow



Felicia Sifers, M.D.
Second Year Fellow



Joshua Cooper, M.D.
First Year Fellow
Combined Infectious Diseases/Critical Care



Nicholas Rockwell, M.D.
First Year Fellow



Lecé Webb, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Priya Prabhakaran, M.D.
Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Critical Care, Baylor University and UAB

FELLOWSHIP COORDINATOR



Keundria Steele
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P: 205.638.9387

RESEARCH INTERESTS

There is a wide spectrum of research interests in the division, ranging from basic science to simulation to non-traditional areas such as communication research. In addition, we are participating in the PROSpect Study, an international clinical research study funded by the NIH, through which researchers hope to learn more about how to best care for children with acute, severe respiratory distress syndrome (ARDS).

Below are some examples of fellows' and faculty research interests:

Fellows:

- Utilization of early mobility simulations in the Pediatric Intensive Care Unit (picu)
- Identifying the risk factors for delirium in our ICU and developing a protocol for delirium assessment and management including development of a new sedation protocol
- Long term PALS retention following RCDP
- Ventilation liberation
- Improving interprofessional conflict management within the pediatric ICU

Faculty:

- Enhancing educational experiences of medical students, residents and fellows through non-traditional teaching techniques -- including simulation
- Promotion of patient and family-centered care, with emphasis on culturally responsive care
- Heparanase and endotheliopathy in pediatric sepsis
- The use of simulation to improve preparedness of community health care workers for sick children

Fast Facts

Publications in 2018	: 17
Grant Awards in 2018	: \$11,560
Current Faculty	: 9
PICU Admissions in 2018	: 1,531
PICU Ventilator Days in 2018	: 3,884
Level I Traumas in 2018	: 116
Fellows Trained Since 1990	: 35
Grants Awarded to Fellows Since 2014	: 13

EMERGENCY MEDICINE

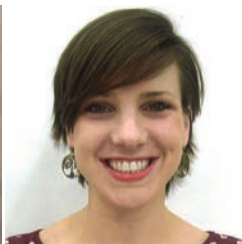
Our Pediatric Emergency Medicine Fellowship Program at UAB has been in existence for over 30 years. We are the only Level 1 pediatric trauma center in the state and the fifth busiest pediatric emergency department in the country. We are the only free-standing children's hospital and major referral center in the state. We accept three fellow applicants a year for a three-year curriculum.

We believe our program is unique in that we offer a state-of-the-art simulation center, specific training in POCUS and training in a regional poison control center. Our fellows have an intensive didactic educational conference curriculum that includes research, quality improvement, journal club, evidence-based medicine, patient safety, radiology and interesting cases. We offer various electives and a significant amount of protected research time throughout the training program. Our research program includes online courses in epidemiology and biostatistics, lectures and mentorship with a scholarly project to be completed during fellowship. One of the benefits our program offers is the unique early supervised graduated autonomy and wide range of patient experiences.

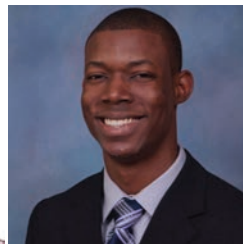
OUR FELLOWS



Erika Crawford, M.D.
Third Year Fellow



Laura Rochford, M.D.
Third Year Fellow



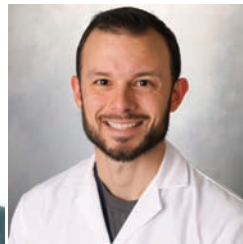
Sam Strachan, M.D.
Third Year Fellow



Ryan Roddy, M.D.
Second Year Fellow



Stephen Ruffenach, M.D.
Second Year Fellow



James Statler, M.D.
Second Year Fellow



Eric Jorge, M.D.
First Year Fellow



Emily Skoog, M.D.
First Year Fellow



Alicia Webb, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Ann Klasner, M.D., MPH
Professor
Residency: Pediatrics, University of Arkansas
Fellowship: Pediatric Emergency Medicine, St. Louis University

ASSISTANT FELLOWSHIP DIRECTOR



Terri Coco, M.D.
Associate Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Emergency Medicine, UAB

FELLOWSHIP COORDINATOR



Brittany Appelboom
E: bappelboom@peds.uab.edu
P: 205.638.6557

RESEARCH INTERESTS

The fellowship program aims to develop a strong research foundation through formal training including helping our fellows gain experience in grant writing, project development and paper presentation. Some of our faculty and fellows current and recent research projects include:

- IN Fentanyl protocol use for acute pain control in the ED
- Intervention on caregiver smoking habits
- Effect of music on caregiver stress level in Pediatric ED
- Geo-mapping of patients with frequent visits to our ED
- Grant support for a study on the delivery of ketamine for sedation in children with non-operative fractures

Fast Facts

Publications in 2018	: 13
Grant Awards in 2018	: \$12,000
Current Faculty	: 27
General Pediatricians working Fast Track	: 4
Nurse Practitioners	: 16
Fellows Trained by Program	: 73
Emergency Department Visits in 2018	: 73,403
Rooms in Emergency Department	: 53
Number of Major Resuscitation/Trauma Rooms	: 4

The Pediatric Endocrinology Fellowship Program at UAB has a long-standing commitment to fellowship education, through a vast clinical experience and a variety of research opportunities. Through our partnership with Children's of Alabama, we have a flourishing inpatient service and outpatient clinic. Our division currently consists of 10 faculty members, and we accept two fellows per year to join our team.

Our curriculum is a balance of inpatient and outpatient clinic rotations, with ample time devoted to developing research and/or career interest. Fellows are encouraged to participate in other institutional clinical experiences here at UAB, including genetics, reproductive endocrinology and adult endocrinology. Research experiences can be through our division or through the vast other resources here at UAB. These may include basic science, clinical or transitional research, as well as projects in medical education. Our fellows follow their clinic interests and develop a foundation for their future careers in medicine.

We are dedicated to providing an exemplary fellowship and welcome hearing from you regarding any questions you may have.

OUR FELLOWS



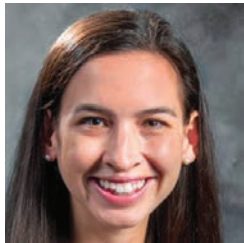
Jessica Schmitt, M.D.
Third Year Fellow



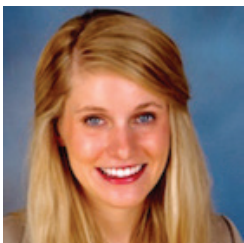
Bhuvana Sunil, M.D.
Third Year Fellow



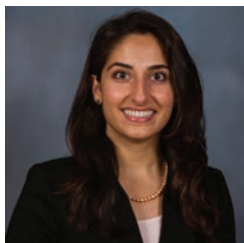
Jurhee Freese, M.D.
Second Year Fellow



Erin Greenup, D.O.
Second Year Fellow



Margaret Marks, M.D.
First Year Fellow



Leen Matalka, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Michael Stalvey, M.D.

Associate Professor

Residency: Pediatrics, University of Florida

Fellowship: Pediatric Endocrinology, University of Florida

ASSOCIATE FELLOWSHIP DIRECTOR



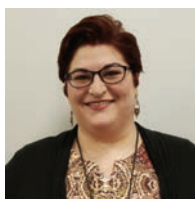
Mary Lauren Scott, M.D.

Associate Professor

Residency: Combined Internal Medicine-Pediatrics, UAB

Fellowship: Pediatric Endocrinology, UAB

FELLOWSHIP COORDINATOR



Toni Davison

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P: 205.638.5025

RESEARCH INTERESTS

Faculty:

- Pathogenesis of Type 1 and Type 2 diabetes
- Cardiovascular risk, insulin resistance and vitamin D
- Endoplasmic reticulum enzyme and metabolism
- Growth and bone metabolism in cystic fibrosis
- Pathogenesis of cystic fibrosis related diabetes (CFRD)
- Newborn screening and follow-up of congenital hypothyroidism and congenital adrenal hyperplasia
- New technologies in diabetes management
- Factors influencing dyslipidemia in children and adolescents

Fellows:

- Pathway-driven DKA management and effects on hospital outcomes
- Predisposing factors for rhabdomyolysis in the setting of hyperglycemia
- Early predictors of CFRD
- Immunologic modulation in new-onset Type 1 diabetes
- Assessing numeracy skills and diabetes management
- Effects of ultra-long acting basal insulins on readmissions for diabetic ketoacidosis

Fast Facts

Publications in 2018	: 12
Current Faculty	: 10
Clinic Visit in 2018	: 14,140
Inpatient Admissions in 2018	: 423
Graduated Fellows	: 11

GASTROENTEROLOGY, HEPATOLOGY & NUTRITION

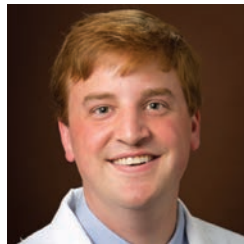
The UAB Pediatric Gastroenterology, Hepatology and Nutrition Fellowship Program is designed to provide fellows in gastroenterology with the background and experience to diagnose and manage patients with acute and chronic diseases of the digestive system (esophagus, stomach, intestines, liver and pancreas), including those that are life-threatening, and to conduct research in this specialized field. Fellows will be guided in developing clinical judgment and skills and in acquiring medical knowledge, humanistic qualities and professional attitudes and behaviors that are appropriate for the pediatric gastroenterologist. Our program faculty, which includes physicians and psychologists, offer expertise in IBD, hepatology, feeding disorders, motility, aerodigestive disease, interdisciplinary care, obesity, nutrition, intestinal rehabilitation and gastrointestinal eosinophilic disease.

The goals of this program include developing decision-making skills in cost-effective methods and efficient evaluation and management of a wide variety of diseases. We will educate fellows to develop skills in appropriate laboratory testing procedures, including indications, preparation, techniques and interpretations. Our program also provides mentoring and opportunities for clinical or laboratory-based research.

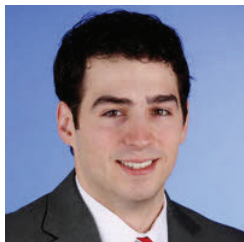
OUR FELLOWS



Claire Keith, M.D.
First Year Fellow



Carter Wallace, M.D.
First Year Fellow



Adam Cohen, M.D.
Second Year Fellow



Taylor Woodfin, M.D.
Second Year Fellow



Sasha Monteil, M.D.
Third Year Fellow

FELLOWSHIP DIRECTOR



Jeanine Maclin, M.D., MPH
Associate Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Gastroenterology, UAB

ASSISTANT FELLOWSHIP DIRECTOR



Rachel Kassel, M.D., Ph.D.
Assistant Professor
Residency: Pediatrics, St. Louis Children's Hospital, Washington University
Fellowship: Pediatric Gastroenterology, St. Louis Children's Hospital, Washington University

RESEARCH INTERESTS

The UAB Division of Pediatric Gastroenterology, Hepatology and Nutrition provides comprehensive multidisciplinary evaluation and management of all pediatric gastrointestinal, liver and nutritional problems. Multidisciplinary patient-centered care is the focus of the division.

Faculty research interests include:

- Development of health behavior interventions to improve medical and quality of life outcomes in pediatric inflammatory bowel disease
- Evaluation of clinical outcomes in patients with gastrointestinal motility disorders
- Treatment approaches in nafld and health disparities in pediatric liver transplant
- Identification of modifiable factors associated with response to treatment for obesity
- Aerodigestive outcomes
- Eosinophilic gastrointestinal diseases
- Nutrition in intensive feeding program
- Intestinal rehabilitation

Fellow research interests include:

- The multidisciplinary aerodigestive team and nutritional outcomes
- Influence of different ethanol lock concentrations on line repair rates in pediatric intestinal failure
- Obesity and cystic fibrosis

FELLOWSHIP COORDINATOR



Bonnie Hawkins
E: bhawkins@peds.uab.edu
P: 205.638.5191

Fast Facts

Publications in 2018	: 15
Grant Awards in 2018	: \$114,016
Current Faculty	: 13
Nurse Practitioners	: 3
Fellows Trained Since 1993	: 15
Clinic Visit in 2018	: 13,827
Inpatient Admissions in 2018	: 849

The **mission** of the Division of Pediatric Hematology and Oncology is to improve the quality of young lives and cure children with childhood cancer and blood disorders through excellent care, education and research.

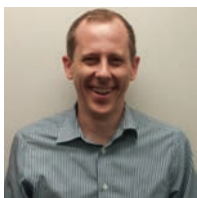
The division's **goals** are to serve children and young adults with childhood cancer and blood disorders through the southeastern United States; to give state-of-the-art personalized clinical care to patients; to educate and train the public, families, patients, and healthcare professionals in the care of childhood cancer and blood disorders; and to pursue a clinical translation of basic research focused on childhood cancer and blood disorders. These goals are accomplished with the dedicated efforts of the UAB faculty teamed with an extensive support staff of UAB and Children's of Alabama.

Two fellows are accepted into the program each year. First year fellows enjoy the opportunity to care for a diverse patient population. Second and third year fellows use protected time for scholarly activity, taking advantage of world-class basic science and clinical research faculty throughout the UAB Campus.

OUR FELLOWS



Aditi Dhir, M.D.
Third Year Fellow



Charles Schlappi, M.D.
Third Year Fellow



Anna Hoppmann, M.D.
Second Year Fellow



Lauren Smith, D.O.
Second Year Fellow



Sara Claire Hutchins, M.D.
First Year Fellow



Kathryn Six, M.D.
First Year Fellow

RESEARCH INTERESTS

The Division of Pediatric Hematology and Oncology is committed to advancing research and taking findings from the bench to the bedside and then to the community. The division works in close collaboration with members of the UAB Comprehensive Cancer Center, the Institute for Cancer Outcomes and Survivorship, the UAB Center for Clinical and Translational Science, UAB Center for Outcomes and Effectiveness Research and Education, Children's Center for Supportive and Palliative Care and UAB School of Public Health. These multidisciplinary collaborations serve as a rich resource to accelerate the pace of discovery across the entire trajectory of disease from diagnosis to survivorship and end of life.

- Gregory Friedman, M.D., has demonstrated that the deadliest subgroup of medulloblastoma is highly sensitive to a genetically modified herpes simplex virus (HSV). His innovative phase 1 study using modified HSV to attack difficult-to-treat brain tumors began recruiting patients from across the U.S. in 2016.

- Frederick Goldman, M.D., explores the mechanisms of bone marrow failure syndromes and congenital immune deficiencies and works to translate this information to the promotion of novel agents and stem cell therapies for these disorders. His translational research laboratory is addressing unmet needs in hematopoietic disorders using innovative gene correction technology, coupled with BMT, to develop safer cures.

- Jamie Aye, M.D., in collaboration with Dr. Elizabeth Beierle of pediatric surgery, seeks to advance our current knowledge of pediatric solid tumors through the Tumor Xenograft Project. Using primary human patient tumor models, the Children's of Alabama-UAB Pediatric Tumor Bank and Tumorgraft Development Program's long-term goal is to identify agents that are effective treatments for children with tumors having specific genetic and molecular profiles. The program currently has > 100 patient tumors banked. Preliminary studies have demonstrated the tremendous potential of this resource with discoveries featured in multiple peer-reviewed publications.

FELLOWSHIP DIRECTOR



Kimberly Whelan, M.D., MSPH

Associate Professor

Residency: Pediatrics, Vanderbilt University

Fellowship: Pediatric Hematology/Oncology, UAB

ASSISTANT FELLOWSHIP DIRECTOR



Hilary Haines, M.D.

Assistant Professor

Residency: Pediatrics, UAB

Fellowship: Pediatric Hematology/Oncology, UAB

FELLOWSHIP COORDINATOR



Sherterica Evans, MBA

E: shevans@peds.uab.edu

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Fast Facts

Publications in 2018	60
Grant Awards in 2018	\$3,186,530
Current Faculty	27
Clinic Visit in 2018	12,387
Inpatient Admissions in 2018	1,343
Fellows Trained	33
Pass Rate on 1st Attempt on Boards	100%

Over the past 5 years, 3 fellows have been awarded selective external grants and 7 have been recognized with competitive internal funding for their research.



HOSPICE & PALLIATIVE MEDICINE

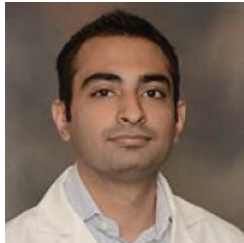
The UAB Palliative Medicine Fellowship Program has been training leaders in Palliative Medicine since 2000, making it one of the oldest and most established training programs in the country. To date, we have trained over 50 fellows from across the country, some directly out of residency training and others mid-career. Our one-year fellowship offers a rigorous interdisciplinary education in palliative care at Children's of Alabama, UAB Hospitals and the Birmingham VA Medical Center. Fellows also receive training in the outpatient setting through the UAB Supportive Care & Survivorship Clinic and Muscular Dystrophy Clinic at Children's of Alabama, and through partnerships with several community hospices.

Fellows also receive training in the outpatient setting through the UAB Supportive Care Clinic and the Pediatric Muscular Dystrophy Clinic. In addition to clinical skills, the curriculum includes training in research methodology and quality improvement, teaching skills and palliative care and hospice business and administration. The balance and breadth of experience ensures that fellows are ready to practice in the inpatient, ambulatory or hospice settings upon completion of the fellowship training.

OUR FELLOWS



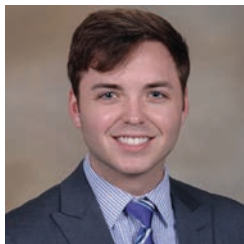
Walter Baehr, M.D.
First Year Fellow



Rohail Kumar, MBBS
First Year Fellow

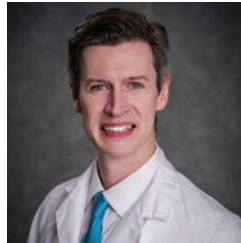


Lucas Puttock, D.O.
First Year Fellow



David Windler, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Michael D. Barnett, M.D., MS
Associate Professor
Medicine & Pediatrics
Residency: Combined Internal
Medicine-Pediatrics, UAB
Fellowship: Hospice & Palliative
Medicine, University of Pittsburgh

FELLOWSHIP COORDINATOR



Elizabeth McAlister, C-TAGME

E: emcalister@uabmc.edu
P: 205.934.7972

RESEARCH INTERESTS

The UAB Center for Palliative & Supportive Care is focused on identifying, recruiting and supporting new investigators in quality improvement and palliative care research. Our fellows participate in a quarterly scholarship curriculum, led by our research faculty, that guides them through a feasible project within the one-year clinical training. Examples of past fellow projects include:

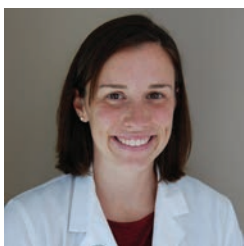
- Pain assessment in non-verbal patients & management decision-making among palliative care providers
- Assessment of interventional radiology procedure knowledge & utilization among palliative care providers
- Rapid review of the evidence for palliative care in end-stage liver disease
- Prognostication in shunted hydrocephalus
- Intravenous lidocaine for refractory pain in pediatric patients
- Buccal midazolam for seizures in pediatric hospice
- Intravenous lidocaine for refractory pain in pediatric patients

Fast Facts

Fellow Graduates	51
Pediatric Fellows Trained Since 2011	7
Match Fill Rate	100%
Practice in Southeast	70%
Practice in Academics	40%

The goal of the Pediatric Hospital Medicine (PHM) Fellowship Program is to prepare specialists in hospital medicine to have excellent clinical skills, the ability to perform meaningful research and the capacity to become leaders in the field of hospital medicine. The curriculum provides sufficient clinical experience for fellows to become confident experts in the care of hospitalized children. Our faculty have developed a core lecture series to give fellows a working knowledge of health information systems and study design and basic biostatistics, among other topics. All PHM fellows will complete a research project that will contribute to the field of pediatric hospital medicine in its broadest sense, as well as the opportunity to build a disease-specific clinical pathway to be used at Children's of Alabama. Clinical service takes place in Children's of Alabama, the centerpiece of a health system for children and adolescents that occupies new, state-of-the-art 340-bed inpatient facilities. Children's of Alabama serves as the regional referral center for Alabama and surrounding states. PHM fellowship is typically two years. PHM fellows work with 15 academic pediatric hospitalists who are UAB Department of Pediatrics faculty.

OUR FELLOWS



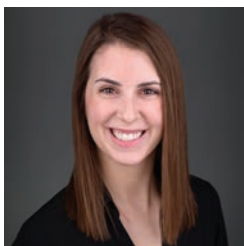
Hannah Gardner, M.D.
Second Year Fellow



Jennifer Hoefert, M.D.
Second Year Fellow



Samantha Hanna, M.D.
First Year Fellow



Alexandra Healy, M.D.
First Year Fellow

RESERACH INTEREST

Dr. Wu: My training in health services research, a multidisciplinary field focused on the interchange between various populations and healthcare systems, affords me the wonderful opportunity to be involved in a large breadth of topics ranging from quality and outcomes investigations, education research, and clinical research. I enjoy working closely with our fellows in their scholarly pursuits, but have also directed research in asthma management, osteomyelitis, simulation education training, disparities research, and hospital utilization.

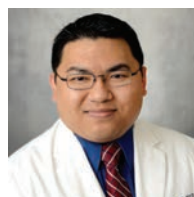
Dr. Gardner:

- Predictors of acute kidney injury in children admitted with nontraumatic rhabdomyolysis
- QI: Improvement in specimen rejection in laboratory medicine

Dr. Hoefert:

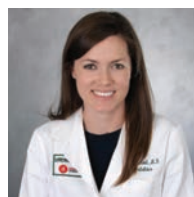
- QI: De-escalation of oxygen support in children admitted with severe bronchiolitis
- Bedside physical exam curriculum for medical learners

FELLOWSHIP DIRECTOR



Chang L. Wu, M.D., MSCR
Assistant Professor
Residency: Pediatrics, Medical University of South Carolina
Fellowship: General Academic Medicine, Medical University of South Carolina

ASSISTANT FELLOWSHIP DIRECTOR



Erinn O. Schmit, M.D.
Assistant Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Hospital Medicine, UAB

FELLOWSHIP COORDINATOR



Gay Blair
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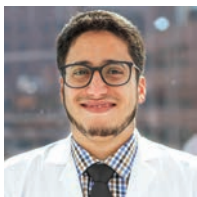
Fast Facts

Publications in 2018	9
Grant Awards in 2018	\$91, 995
Current Faculty	17
Inpatient Admissions in 2018	5,585
Fellows Trained Since 2011	13
Grants Obtained by Fellows	4
Unique Patient Encounters During Fellowship Per Fellow	1,045

INFECTIOUS DISEASES

The Pediatric Infectious Diseases Fellowship is a three-year training program approved by the Accreditation Council for Graduate Medical Education (ACGME) and affiliated with the Pediatric Residency Program at the UAB School of Medicine. The mission of the Pediatric Infectious Disease Fellowship Program is to train, educate and mentor fellows to become exceptional clinicians and researchers in the field of pediatric infectious diseases. Our trainees are immersed in a learning environment that values excellence in clinical care, scholarly activity and professionalism. Fellows gain experience in a wide variety of clinical conditions and settings, participate in quality improvement and patient safety initiatives, including infection prevention and antimicrobial stewardship, and are provided with close mentorship and guidance for the development of successful research careers. The program is flexible and is tailored to suit each individual's interests, previous experience and future career goals. We strive to prepare our trainees to be future leaders in healthcare who will advance the field of pediatric infectious diseases as innovative physician-scientists. Our track record of placing fellows in top clinical, research and public health programs throughout the country is a testament to the success of this approach. All of our former fellows over the past decade have easily passed their pediatric infectious diseases boards.

OUR FELLOWS



**Abdulsalam
Alsulami, M.D.**
Third Year Fellow



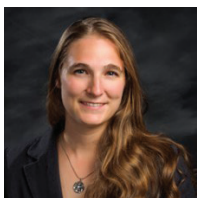
Nazia Kabani, M.D.
Third Year Fellow
Combined Infectious Disease/Neonatology



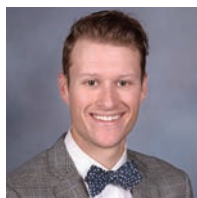
Connie Trieu, M.D.
Second Year Fellow



Nicole Samies, D.O.
Second Year Fellow



Audrey Lloyd, M.D.
First Year Fellow
Combined Adult & Peds ID



Joshua Cooper, M.D.
First Year Fellow
Combined Infectious Diseases/Critical Care

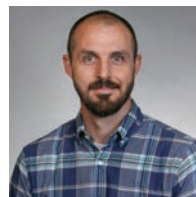
RESEARCH INTERESTS

The division is internationally known for its studies of congenital and perinatal viral infections. For 50 years, the division has defined the natural history, pathogenesis, diagnosis, treatment, and prevention of congenital cytomegalovirus (CMV) infections and neonatal herpes simplex virus (HSV) disease. Major research interests include the following:

- Pediatric HIV infection – pathogenesis, drug resistance, nutritional micronutrient and antioxidant assessment and the epidemiology of adolescent infections.
- Cytomegalovirus – pathogenesis and transmission mechanisms of congenital CMV, predictors of adverse outcomes, mechanisms of hearing loss, and therapy and vaccine development.
- Herpes Simplex Virus – pathogenic mechanisms, therapy and vaccine development, and application to gene therapy.
- Antiviral research – animal models of viral diseases, clinical trial methodology, host resistance to viral-induced diseases, viral assembly, pharmacokinetic/dynamic modeling, and molecular epidemiology.
- General infectious diseases – perinatal infections, streptococcal pneumonia, respiratory syncytial virus, and Varicella-Zoster virus.
- Antiviral drug discovery for emerging infections: influenza, alphaviruses, flaviviruses, and coronaviruses.

In addition to its University-focused activities, the division also houses the Central Office for the Collaborative Antiviral Study Group (CASG), a multi-institutional, multi national research group that conducts clinical trials of antiviral drugs in both pediatric and adult populations.

FELLOWSHIP DIRECTOR



Scott James, M.D.
Assistant Professor
Residency: Pediatrics, University of South Florida
Fellowship: Pediatric Infectious Diseases, UAB

ASSOCIATE FELLOWSHIP DIRECTOR



Claudette Poole, M.D.
Assistant Professor
Residency: Pediatrics, Schneider Children's Hospital
Fellowship: Pediatric Infectious Diseases, UAB

FELLOWSHIP COORDINATOR



Tracy Downey
E: tdowney@peds.uab.edu
P: 205.996.7782

Fast Facts

Publications in 2018	: 93
Grant Awards in 2018	: \$14,900,00
Current Faculty	: 15
Clinic Visit in 2018	: 384
Inpatient Consults in 2018	: 500
Fellows Trained Since 1993	: 27

UAB Medical Genetics offers two training tracks for individuals interested in Pediatric Genetics. The **Categorical Medical Genetics Residency** is a two-year program in which applicants apply during their third year of pediatric residency for the Fall match. Clinical activities include inpatient consultation, general and specialty outpatient clinics, cancer and prenatal genetics and clinical laboratory rotations and six months dedicated for independent work and/or research. The second option is the **Combined Pediatrics-Medical Genetics Residency**. This four-year integrated program includes 30 months of pediatrics and 18 months of medical genetics training. Graduates are board-eligible in both pediatrics and medical genetics at the conclusion of the training. Applicants apply as fourth year medical students for the Spring match.

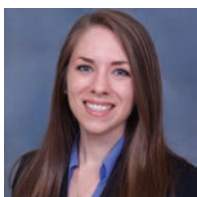
The medical genetics clinical faculty includes five physicians, four clinical laboratory directors, and nine genetic counselors that see patients in every area of genetics practice, including dysmorphism, metabolism, cancer and prenatal genetics. We participate in numerous multidisciplinary clinics, such as the Cleft and Craniofacial Clinic, Metabolic Bone disorders and Neurogenetics clinics. We are the primary site for the evaluation and treatment of metabolic disease in Alabama, including the Alabama Newborn screening program. Our faculty are also engaged in several collaborative research projects such as the Alabama Genome Health Initiative with Hudson Alpha and the international Neurofibromatosis clinic. These activities prepare our graduates for success in a career in academic practice.

OUR RESIDENTS



Ali Al-Beshri, M.D.

Fifth Year Resident
Internal Medicine/Genetics



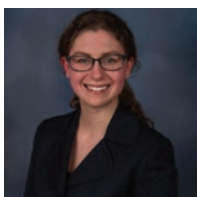
Megan Boothe, M.D.

Second Year Resident
Medical Genetics



Catherine Gooch, M.D.

Fourth Year Resident
Pediatrics/Genetics



Katherine Mascia, M.D.

Third Year Resident
Pediatrics/Genetics



Jennifer Cassady, M.D.

Second Year Resident
Pediatrics/Genetics



Kristin Linscott, M.D.

First Year Resident
Pediatrics/Genetics

ADDITIONAL FACULTY

Maria Descartes, M.D.

Residency: Pediatrics, Wake Forest
Fellowship: Medical Genetics, UAB

Joy Dean, M.D.

Residency: Pediatrics/Genetics, UAB
Fellowship: Medical Biochemical Genetics, UAB

Bruce Korf, M.D., Ph.D.

Residency: Child Neurology, Children's Hospital, Boston
Fellowship: Medical Genetics, Children's Hospital, Boston

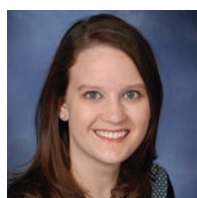
RESIDENCY DIRECTOR



Nathaniel Robin, M.D.

Professor, Genetics & Pediatrics
Residency: Pediatrics, Albert Einstein/Montefiore Medical Center
Fellowship: Clinical Genetics, Children's Hospital of Philadelphia

ASSOCIATE RESIDENCY DIRECTOR



Anna Hurst, M.D.

Assistant Professor, Genetics & Pediatrics
Residency: Pediatrics, Wake Forest
Fellowship: Medical Genetics, UAB

RESIDENCY COORDINATOR



Christy Underwood

E: christyunderwood@uabmc.edu
P: 205.975.6867

RESEARCH INTERESTS

Nathaniel H Robin, M.D.: Craniofacial Genetics; Genetics of Hearing Loss; Genetics Education

Anna CE Hurst, MS, M.D.: Genomic analysis; genotype-phenotype correlation

Maria Descartes, M.D.: lysosomal storage diseases

Joy Dean, M.D.: Inborn errors of metabolism

Bruce Korf, M.D., Ph.D.: Neurofibromatosis

Fast Facts

We also have combined residents in Internal Medicine- Medical Genetics and Maternal Fetal Medicine-Medical Genetics.

.....

We have an Undiagnosed Disease Program

.....

UAB has a Genetic Counselor Training Program

NEONATOLOGY

Our comprehensive fellowship program provides an excellent educational, clinical and research experience to help train the next generation of academic neonatologists. We place emphasis on excellence in basic science and clinical research with up to two thirds of the fellowship time dedicated to research.

The Division of Neonatology is a leader in the field, providing clinical coverage and leadership for two Level IV neonatal ICUs and four Level III and one Level II neonatal ICUs in the greater Birmingham area. Our fellows rotate through the 120-bed Regional NICU at UAB, the 48-bed NICU at Children's of Alabama (the regional ECMO center), and the Cardiac ICU.

Areas of current research interest include lung development, bronchopulmonary dysplasia, pulmonary hypertension, neonatal infections, oxygen free-radicals and antioxidants, mediators of infection and inflammation, necrotizing enterocolitis, developmental immunology, perinatal epidemiology and clinical trials. Five full-time research nurses support fellows and faculty members on clinical research projects. We are the only institution that belongs to the three NICHD perinatal clinical research networks including the NIH-funded Neonatal Research Network, Maternal-Fetal Research Network and Global Network for Women's and Children's Health Research.

OUR FELLOWS



Anisha Bhatia Attawala, M.D.
Third Year Fellow



Andrew Klinger, M.D.
Third Year Fellow



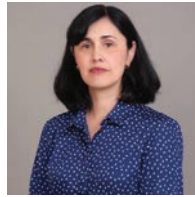
Sara Staples, M.D.
Third Year Fellow



Nazia Kabani, M.D.
Third Year Fellow
Combined Infectious Diseases/Neonatology



Snehashis Hazra, M.D.
Second Year Fellow



Bianca Vamesu, M.D.
Second Year Fellow



Amelia Freeman, M.D.
First Year Fellow



Vivek Shukla, M.D.
First Year Fellow



Mary Silverberg, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Namasivayam Ambalavanan, M.D.
Professor
Residency: Pediatrics, UAB
Fellowship: Neonatology, UAB

ASSOCIATE FELLOWSHIP DIRECTOR



Manimaran Ramani, M.D.
Assistant Professor
Residency: Pediatrics, Texas Tech
Fellowship: Neonatology, UAB

FELLOWSHIP COORDINATOR



Debbie Svensson
E: dsvensson@peds.uab.edu
P: 205.996.8824



RESEARCH INTERESTS

- Namasivayam Ambalavanan, M.D.: Lung development and injury. PI of a research center in the LungMAP project.
- Maran Ramani, M.D.: Long-term effect of oxygen on developing hippocampus and neonatal hypothermia prevention in Zambia.
- Vivek Lal, M.D.: MicroRNA and lung injury; Lung microbiome in BPD.
- Brian Sims M.D., Ph.D.: White matter injury in preterm infants.
- Nitin Arora, M.D., MPH: Vertical and horizontal transmission of CMV and HIV.
- Tamas Jilling, M.D., Ph.D.: Necrotizing enterocolitis and halogen-induced lung injury.
- Jegen Kandasamy, M.D.: Mitochondrial bioenergetics in preterm infants.
- Ariel Salas, M.D., MPH: Effects of nutrition on neurodevelopment in preterm infants.
- Waldemar A. Carlo, M.D.: Global neonatal research (projects in Zambia and other developing countries) and Neonatal Clinical Trials as a center PI for the Neonatal Research Network.

Fast Facts

Publications in 2018	72
Grant Awards in 2018	\$4,150,000
Current Faculty	24
Inpatient Admissions in 2018	1,800
Fellows Trained	82
Beds in Unit	168
Research Faculty	11
Research Nurses	6

The Pediatric Nephrology Fellowship has been a fully accredited three-year program at UAB for over 20 years, accepting one candidate each year. Our program combines an interdisciplinary experience in clinical training and research based upon the ACGME core competencies. We have a 24-bed acute care unit in addition to step down and intensive care units, with 10 additional beds in our state-of-the-art, onsite dialysis unit. On average, we typically round on 23 patients per day.

We offer available elective rotations including pathology, urology and interventional nephrology. Our available research collaborations across UAB encompass basic science and adult and pediatric nephrology. There are additional program training resources at the O'Brien Center, the UAB Comprehensive Transplant Institute, Health Disparities Research Center, and the Pediatric and Infant Center for Acute Nephrology (PICAN), along with the possibility of obtaining a master's in public health. Upon program completion our fellows will have met or exceeded the requirements for the qualifying board examination in pediatric nephrology.

OUR FELLOWS



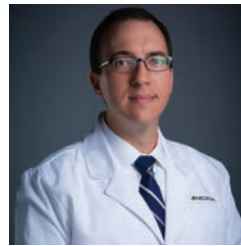
Priyanka Ameta, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Daniel Feig, M.D., Ph.D., MS
Professor
Residency: Pediatrics, University of Washington
Fellowship: Pediatric Nephrology, Harvard University

ASSOCIATE FELLOWSHIP DIRECTOR



Michael Seifert, M.D.
Associate Professor
Residency: Pediatrics, University of Connecticut
Fellowship: Pediatric Nephrology, Boston Children's

Fast Facts

Publications in 2018	28
Grant Awards in 2018	\$500,000
Current Faculty	6
Clinic Visit in 2018	4,160
Inpatient Admissions in 2018	926
New Inpatient Consults in 2018	1,862
Renal Transplants Per Year	15-20
Renal Biopsies Per Year	130

FELLOWSHIP COORDINATOR



Meagan Reagan
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P: 205.638.9557

RESEARCH INTERESTS

Research interests of the division are broad with participation in multi-center studies on drug discovery/pharmacokinetics, assessment, progression, and treatment of chronic kidney disease in children.

Some current research studies are:

- Nephrotoxic Injury Negation by Just-In-Time Action (NINJA)
- Physiology of Early Essential Hypertension
- Immunobiology of Chronic Kidney Transplant Dysfunction
- Prevention of Sickle Cell Nephropathy
- AKI (acute kidney injury) status post Congenital Heart Disease
- AKI (acute kidney injury) in underserved countries
- Assessment of Worldwide Acute Kidney Injury (AKI), Renal Angina and Epidemiology (AWARE)



Consecutively ranked in the U.S. News and World Report for Best Children's Hospitals, Pediatric Nephrology Subspecialty for the last nine years.

PEDIATRIC EPILEPSY

The UAB Pediatric Epilepsy Fellowship is a one-year ACGME-approved training program for physicians who have completed training in pediatric or adult neurology.

The fellowship offers extensive, in-depth training in EEG interpretation, and in diagnosis, and management of epilepsy in neonates, infants, children, and youth. The program is a Level 4 Epilepsy Center, as designated by NAEC (National Association of Epilepsy Centers). This is the highest obtainable accreditation.

Our team includes five board-certified epileptologists, two neurosurgeons, nurse practitioners, EEG technologists, and various sub-specialty providers. We have state-of-the-art facilities that are nationally rated. Our EEG department is one of three nationally accredited EEG labs in Alabama. Our inpatient eight-bed Pediatric Epilepsy Monitoring Unit (EMU) is the only nationally accredited EMU in Alabama. We perform the full spectrum of functional imaging and testing including 3T MRI, PET, SPECT, MEG, fMRI, and WADA for epilepsy evaluations. Our surgical program offers both subdural grid and sEEG (stereoEEG) electrode implantations in preparation for resective surgery. We offer the full spectrum of epilepsy surgeries from laser ablations to hemispherectomies.

A fellow's time is divided between EMU (for in-patient invasive and non-invasive evaluations), routine EEG reading, long-term EEG monitoring (including ICU EEG reading), and the outpatient clinic setting. Research is encouraged. Completion of a clinical research project is expected. Weekly didactic teaching is complemented by hands-on clinical teaching and self-directed learning guided by fellowship manual with emphasis on specific educational milestones. An in-service exam based on AES proprietary Epilepsy Board preparation materials is offered mid-year for self-evaluation.

OUR FELLOWS

This fellowship is new, and has not yet been filled.

WHY UAB?

- Childrens Hospital of Alabama's volume of routine and long-term EEG (approx. 4,500/year) allows for comprehensive training and experience in both normal and pathological studies
- EMU provides a unique opportunity to learn the gold standard of seizure diagnosis and management
- Broad-spectrum surgical epilepsy service is a unique training opportunity with high demand nationally
- Four busy ICUs provide a unique opportunity to gain expertise in ICU EEG monitoring
- Possibility of multidisciplinary collaboration and physician-scientist mentoring
- Daily one-on-one teaching from experienced epileptologists
- Opportunity to teach residents and to participate in quality improvement projects
- Opportunity to participate in newer advances in clinical care such as telemedicine in partnership with Alabama Department of Public Health.

Fast Facts

Epileptologists	5
Neurosurgeons	2
Beds in Epilepsy Monitoring Unit	8
Patients Seen With Epilepsy	6,500
Surgeries Per Year	>50
Inpatient Evaluations	1,500
Outpatient EEG Evaluations	3,000

FELLOWSHIP DIRECTOR



Monisha Goyal, M.D.

Professor

Residency: Pediatrics & Child Neurology, Washington University

Fellowship: Epilepsy & Clinical Neurophysiology, University of Pittsburgh

ASSOCIATE FELLOWSHIP DIRECTOR



Helen Barkan, M.D., Ph.D.

Associate Professor

Residency: Neurology, Dartmouth-Hitchcock Medical Center

Fellowship: Clinical Neurophysiology, Mayo Clinic

FELLOWSHIP COORDINATOR



Daphanye Daniels

E: ddaniels@peds.uab.edu

P: 205.638.5081

RESEARCH INTERESTS

Research interests of our group include clinical drug trials, epilepsy surgery and outcomes, MEG, automated analysis of EEG, brain mapping, high frequency iEEG, stereo EEG.

Our Pediatric Pulmonary Fellowship Program provides the clinic knowledge necessary to diagnose and manage pediatric patients with acute and chronic respiratory disorders, including those that are life-threatening. The curriculum also supports our mission to train highly competent physician-educators and scientists. Training in our program is complemented by our UAB Pediatric Pulmonary Center which is one of five educational programs funded through a competitive federal grant through MCHB and HRSA that focuses on building leadership skills and promotes awareness of childhood respiratory disease. Clinical training is designed to develop the subspecialty resident's competence in the clinical diagnosis, pathophysiology and medical treatment of respiratory disorders in pediatric patients within an interprofessional healthcare team. The overall goal of the UAB Pediatric Pulmonary Fellowship Program is to train highly qualified clinicians and physician-scientists who will contribute substantially to this field through exemplary patient care, original research and teaching.

OUR FELLOWS



Pedro Anis Nourani, M.D.
Third Year Fellow



Miles Fowler, M.D.
Second Year Fellow



Vignesh Nayak, M.D.
Second Year Fellow



Mohini Gunnett, M.D.
First Year Fellow

PEDIATRIC PULMONARY CENTER

The Pediatric Pulmonary Center (PPC) offers interprofessional traineeships in social work, nutrition, respiratory care, nursing and family leadership. The UAB Pediatric Pulmonary Center is supported in part by Project #T72 MC00001 from the MCHB (Title V, Social Security Act), HRSA and DHHS.



RESEARCH INTERESTS

Major research interests include:

- Basic, translational, and clinical research in cystic fibrosis
- Basic, translational, and clinical research in asthma
- Pulmonary complications of sickle cell disease
- Precision medicine in respiratory diseases
- Interventions to address adherence in respiratory diseases
- Socioeconomic determinants of health
- International studies in establishing health systems
- Quality improvement in respiratory diseases

Current Research Grants:

Robert Troxler: UAB Pediatric Pulmonary Center

Wynton Hoover: Implementation of of PT in the CF Outpatient Care Team

Hector Gutierrez: A CF C3N care model of the future proposal for piloting a learning health system

Isabel Virella-Lowell: A Phase 2, multicenter, randomized, double-blind, placebo-controlled study to assess the safety, pharmacokinetics, and effect of pti-428 in subjects with cf

William Thomas Harris: Overcoming barriers to f508del cftr correction

Jennifer Guimbellot: Novel approaches to CFTR modulator mechanism in cystic fibrosis

Gabriela R Oates: Technology-enabled patient support system for self-management of pediatric cystic fibrosis.

Ammar Saadon Alishlash: Prostacyclin agonist therapy for acute chest syndrome in sickle mouse model

FELLOWSHIP DIRECTOR



Wynton Hoover, M.D.

Professor

Residency: Pediatrics, University of Florida

Fellowship: Pediatric Pulmonary, Indiana University

ASSOCIATE FELLOWSHIP DIRECTOR



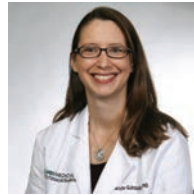
Brett Turner, M.D.

Assistant Professor

Residency: Pediatrics, UAB

Fellowship: Pediatric Pulmonary, UAB

ASSISTANT FELLOWSHIP DIRECTOR



Jennifer Guimbellot, M.D.

Assistant Professor

Residency: Pediatrics, Columbia University Medical Center

Fellowship: Pediatric Pulmonary, University of North Carolina

FELLOWSHIP COORDINATOR



Leslie Jones

E: ljones@peds.uab.edu

P: 205.638.6766

Fast Facts

Publications in 2018	: 27
Grant Awards in 2018	: \$1,330,841
Current Faculty	: 13
Clinic Visit in 2018	: 16,394
Inpatient Admissions in 2018	: 626
Inpatient Consults in 2018	: 275
Flexible Bronchoscopies	: 420
Fellows Trained	: 33

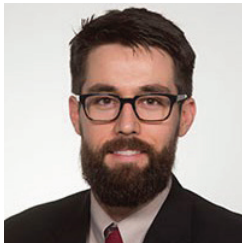


RHEUMATOLOGY

The Pediatric Rheumatology Fellowship Program at UAB was ACGME-approved in 2009, two years after the Division of Pediatric Rheumatology was created in 2007. The faculty has grown to six board-certified pediatric rheumatologists with four nurse practitioners, making it the largest program in the southeastern United States. A generous donation/endowment allows us to accept one fellow every three years, but we are flexible to add more with grant funding from the Rheumatology Research Foundation and support from relevant (Rheumatology, Immunology) campus training grants.

We practice and impart a reasoned early and aggressive approach to therapy for children with rheumatic diseases, employing a broad range of biologic therapies. A significant amount of “protected” research time (two of the three years) is granted throughout the training period. Those fellows not working in a basic science laboratory are strongly encouraged to get an advanced degree at UAB in public health, clinical epidemiology or a related field of interest. At graduation, our fellows are well prepared clinically in all aspects of pediatric rheumatology. We are also welcome to training med-peds rheumatology fellows in partnership with our adult rheumatology colleagues at UAB (top 10 nationally).

OUR FELLOWS

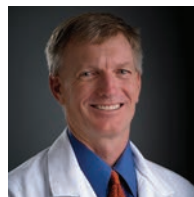


John Bridges, M.D., MS
First Year Fellow
Adult & Pediatric Rheumatology

Fast Facts

Publications in 2018	25
Grant Awards in 2018	\$49,483
Current Faculty	7
Clinic Visit in 2018	3,436
Nurse Practitioners	4

FELLOWSHIP DIRECTOR



Randy Q. Cron, M.D., Ph.D.
Professor
Division Director
Residency: Pediatrics, Stanford University
Fellowship: Pediatric Rheumatology, University of Washington

ASSOCIATE FELLOWSHIP DIRECTOR



Melissa Mannion, M.D., MSPH
Assistant Professor
Residency: Pediatrics, UAB
Fellowship: Pediatric Rheumatology, UAB

FELLOWSHIP COORDINATOR



Scott DeFreese
E: sdefreese@peds.uab.edu
P: 205.38.6472

RESEARCH INTERESTS

The division participates in basic science, translational and clinical research. Faculty have expertise in human and murine basic science immunology and genetics, as well as large data and registry comparative effectiveness research. This includes NIH funded research, as well as Scientific Directorship of the Childhood Arthritis and Rheumatology Research Alliance (CARRA) Registry. In addition to substantial participation in CARRA, our faculty are actively engaged in research and quality improvement as part of PR-COIN (Pediatric Rheumatology Care & Outcomes Improvement Network). Faculty research interests include:

- Diagnosis, genetics, pathophysiology, & treatment of macrophage activation syndrome (MAS)
- Diagnosis and treatment of temporomandibular joint (TMJ) arthritis in children with arthritis
- Gut and oral microbiome and the adaptive immune response in spondyloarthritis
- Optimizing treatment of juvenile idiopathic arthritis (JIA), including comparative effectiveness of treatment modalities
- Outcomes of JIA in adulthood
- HIV-1 transcriptional regulation and latency establishment in CD4 T cells and macrophages
- Use of ultrasonography to clinically monitor morphea and linear scleroderma
- Outcome disparities in pediatric systemic lupus erythematosus (SLE)

The UAB Sleep Medicine Fellowship Program is a one-year fellowship that focuses on sleep physiology, diagnosis and treatment of sleep disorders in adults and children. Fellows rotate at the Sleep Disorder Center at Children's of Alabama, UAB Highlands Sleep Disorder Center and at the Birmingham VA Medical Center's sleep clinic. Each training site has a unique patient population and faculty with diverse clinical and research experiences.

The Sleep Disorder Center at Children's of Alabama is one of the busiest pediatric sleep disorder centers in the country. The Sleep Disorders Center and Clinic are referrals centers for the entire state of Alabama. The Sleep Disorders Center is a 12-bed facility and performs over 2,000 sleep studies per year. Infants and children with a wide variety of sleep disorders are evaluated on both an outpatient and inpatient basis. Areas of interest include behavioral management of sleep disorders, positive airway pressure therapy in children with developmental disabilities, movement disorders, pediatric narcolepsy, pediatric insomnia, sleep related breathing disorders, neuromuscular disorders and sleep disturbances in children with chronic disease.

The UAB Highlands Sleep Disorder Center is a 10-bed, accredited sleep disorder center located within the UAB medical complex. The center provides outpatient evaluations and sleep testing for adults with a wide variety of sleep disorders. The UAB Highlands Sleep Disorder Center performs over 2,000 sleep studies per year. The center has a long history of clinical excellence, productive research and training sleep medicine fellows.

OUR FELLOWS



Abhishek Reddy, M.D.
First Year Fellow

FELLOWSHIP DIRECTOR



Krisztina Harsanyi-Jilling, M.D.
Assistant Professor
Residency: Child Neurology, Northwestern University Medical School
Fellowship: Sleep Medicine, Northwestern University Medical School

FELLOWSHIP COORDINATOR



Leslie Jones
E: ljones@peds.uab.edu
P: 205.638.6766

Fast Facts

- The Sleep Disorder Centers both at the Children's of Alabama and UAB Highlands perform > 2000 sleep studies per year at each location.
- Fellows have weekly EEG review sessions with an adult or pediatric neurologist.
- UAB Sleep Medicine Fellowship program has trained 18 fellows to date.

PROGRAM INFORMATION

- The sleep medicine fellowship program provides a truly multidisciplinary experience, with pediatric and adult (pediatrics, internal medicine, pulmonary, neurology) trained faculty.
- There are several ongoing QI projects (improving work flow efficiency in the Sleep Center; improving follow-up of narcolepsy patient's and OSA patients using CPAP).

SLEEP DISORDERS

1 in 4 teens fall asleep at school once a week.

Did you know that students who make better grades report sleeping more at night?

68% of teens report they have driven drowsy.

Did you know that 55% of the motor vehicle accidents caused by sleepiness are in drivers under the age of 25 years?

Increased feelings of hopelessness and despair occur with lack of sleep.

Did you know that not enough sleep increases risk-taking behaviors like binge drinking and drunk driving?

Pediatric Sleep Education

Most medical providers only receive 2 hours of education about sleep.
We want to change that.

<p>Introduction to Sleep Health</p> <p>Good health and childhood development rely heavily on sleep throughout all developmental stages.</p>	<p>Pediatric Insomnia</p> <p>Insomnia is a disorder of sleep initiation and/or sleep maintenance.</p>	<p>Sleep Disordered Breathing</p> <p>Sleep-disordered breathing is a range of abnormalities in breathing while asleep.</p>	<p>Parasomnias</p> <p>Parasomnias are unusual things that happen at night like screaming, peeing, talking, and walking.</p>
<p>Hypersomnolence Disorder</p> <p>Hypersomnolence is the complaint of having excessive daytime sleepiness.</p>	<p>Movement Disorders</p> <p>Movement disorders are stereotypic movements noted during sleep that are non-purposeful.</p>	<p>CME Credit Information</p> <p>Disclosures, content creators, and CME information.</p>	<p>Acknowledgments</p> <p>We didn't do this all on our own!</p>

This initiative was made possible by the collaboration of the following sponsors.
More information can be found under [Acknowledgments](#).

PPC PEDIATRIC PULMONARY CENTERS

QUOTES FROM OUR FELLOWS

“

I was fortunate to be the first fellow in this program with the ability to make these three years of training fit my career advancement.

I am reminded of how strong our division and training program are during every conversation with other pediatric rheumatologists and our patients.

The strength of our division, the opportunities at UAB and the flexibility of this fellowship program have allowed me to become an excellent clinician and a successful researcher.

– Melissa Mannion, M.D., MSPH
First UAB Pediatric
Rheumatology Fellow

”

“

My patients and families bring me pure joy. I am honored to train in an environment that allows me to heal, inspire and love while being uniquely cultivated into a well-equipped, inclusive, person-centered physician.

–Brittney Jones, M.D.
Child Neurology
Second Year Fellow

”

“

One of the definite benefits here as a fellow of the UAB Sleep Medicine program is the exposure you get to both adult and pediatric sleep. There is a great balance between the two in this program. You are surrounded by attendings who love to teach and have a wealth of knowledge to share. I couldn't have asked for a better place to complete sleep fellowship!

– Brandon M. Seay M.D., MPH
Graduating Sleep Medicine
Fellow 2019

”

“

There are a lot of different reasons why UAB's program was great. When it came down to it, I really enjoyed all the people I had met. It felt like a really good fit.

– Jennifer Hoefert, M.D.
Hospital Medicine
Second Year Fellow

”

“

In my search for fellowships, UAB stood out clinically due to the prestige of the medical center, the collegiality of the hospitalist division and the high volume of patients. I was impressed by the team approach amongst the division with their companionship and cooperation, which I knew would be an excellent learning environment for fellowship.

– Hannah Gardner, M.D.
Hospital Medicine
Second Year Fellow

”

“

The UAB Pediatric Endocrinology fellowship program is outstanding. There is exposure to very interesting cases with rare pathology in addition to an ample volume of common issues. The mixture of experience in the clinical and inpatient settings is ideal. The biggest asset of this program is the attending physicians. They are extremely knowledgeable and create a supportive, stimulating academic environment. I consider it a privilege to have been trained here, and feel comfortable and confident in my ability to seamlessly transition to a lifelong career in pediatric endocrinology.

– Heather Choat, M.D.
Graduating Endocrinology
Fellow 2019

”

“

I've loved the Pediatric Neurology program here since my interview, and have enjoyed working with attendings who want me to become the best pediatrician and neurologist I can be.

– Matthew Lustig, M.D.
Child Neurology
First Year Fellow

”

“

I couldn't be happier with my experience as a UAB Child Neurology resident so far. I've had the privilege to encounter a wide variety of patients and pathologies and work closely with attendings and co-residents who continue to inspire me with their expertise, passion and dedication.

– Neal Sankhla, M.D.
Child Neurology
Third Year Fellow

”

INSTITUTIONAL INFORMATION



INITIAL RESIDENT AGREEMENT



UAB HOSPITAL

INITIAL RESIDENT AGREEMENT

This agreement is entered into the ___ day of ___ between the Board of Trustees of the University of Alabama on behalf of The University of Alabama Hospital ("Hospital"), and _____ ("Resident").

Hospital wishes to appoint the Resident as a postgraduate year _____ resident in the _____ Program and Resident wishes to accept such appointment.

Therefore, the parties hereto agree as follows:

- 1. Term of Agreement.** Unless earlier terminated in accordance with this agreement, the term of the Resident's appointment is one year commencing on _____ and terminating on _____.
- 2. Graduate Medical Education Policies and Procedures.** Resident has been provided a copy of the UAB Hospital Graduate Medical Education Policies and Procedures. Resident acknowledges receipt of said document as well as having read and understood it. Resident acknowledges and comprehends the guidelines and/or the processes outlined in the GME Policies and Procedures, including, without limitations, those sections regarding resident eligibility and requirements for residency training (Section III.A), resident responsibilities and conditions of appointment (Section V), educational program and faculty responsibilities (Section VII), financial support and benefits (Section IV), ancillary and support services (Section VI), disciplinary procedures (Section X), grievance procedures and due process (Section XI), professional liability insurance (Section IV.F), health and disability insurance (Section IV.E), annual leave (Section IV.G), supervision of residents (Section VIII.C), duty hours (Section VIII.H), moonlighting (Section VIII.L), counseling services (Section VI.C), physician impairment (Section IX), residency closure/reduction (Section IV.B), restrictive covenants (Section III.C), and University of Alabama at Birmingham policies on harassment (Appendix 9).
- 3. ACGME Accreditation Related Activities.** In programs accredited by the Accreditation Council for GME (ACGME), resident acknowledges and agrees to maintain compliance with activities related to program accreditation in the time prescribed. These activities include, but are not limited to, completing the ACGME Resident Survey, logging duty hours and completing case logs as requested by the Program Director.
- 4. Salaries.** Salaries are determined each year based on the budget of the Hospital with approval by the Dean's Council for Graduate Medical Education. Resident shall be paid the salary approved for the appointed postgraduate year, as specified in Section 1 of this agreement, and in accordance with the GME Policies and Procedures, Section IV.D.
- 5. Physical Examination.** Resident understands that failure to complete a health screening examination performed by the Hospital, as outlined in Section V.D. of the GME Policies and Procedures will result in suspension or termination of his/her appointment as a resident.
- 6. Tobacco-Free Hiring Policy.** Resident understands that he/she will not be hired if found to test positive for nicotine use on the pre-employment drug screen performed by the Hospital, as outlined in Section V.E of the GME Policies and Procedures.
- 7. USMLE/COMLEX Examinations and Alabama Licensure.** Resident understands that failure to pass the USMLE or COMLEX examinations and obtain licensure in the State of Alabama, as outlined in Sections V.K, V.L, and V.M of the GME Policies and Procedures, will result in suspension or termination of his/her appointment as a resident.
- 8. Renewal of Agreement.** Resident understands and acknowledges that this agreement expires on the date set forth in Section 1 and that Hospital makes no commitment to renew this agreement. Reappointment and advancement of the Resident is at the discretion of the Program Director in accordance with Section III.F. of the GME Policies and Procedures. If a decision is made by the Hospital not to renew this agreement at the end of its one year term, notice of such nonrenewal shall be made in writing four months in advance of _____, in accordance with section III.D of the GME Policies and Procedures. However, if the primary reason for the non renewal occurs within the four months prior to the end of the agreement, the notice of non renewal may be sent less than four months in advance of the non renewal. Any resident receiving notice of intent to not renew his/her contract may request a hearing as outlined in Grievance Procedures, Section XI.C. Any resident receiving notice of intent of non-promotion to the next level of training may request informal adjudication as outlined in Grievance Procedures, Section XI.B. Each Resident who is offered a renewal of this agreement must accept such offer in writing within thirty (30) days of the date shown in the first paragraph of the renewal contract. Likewise, if a decision is made by the Resident not to renew this agreement at the end of its one year term, the resident shall submit notice of such nonrenewal in writing to the Graduate Medical Education Department four months in advance of _____.
- 9. Termination of Agreement.** Hospital may terminate the Resident Agreement, as set forth in the GME Policies and Procedures. If the resident leaves the program, thereby terminating this agreement, the resident will have breached this agreement. In the event of such breach, resident understands and agrees to the following: 1) the Hospital will report the resident's breach of the agreement to the National Resident Matching Program, if applicable; and, 2) the Program Director and the Hospital will include the fact of the resident's breach in any reference letters.
- 10. Acceptance.** This agreement shall not be effective and shall not bind either party unless it is submitted to Hospital within sixty (60) days of the date shown in the first paragraph of this agreement and accepted by the Hospital by signature below.

THE UNIVERSITY OF ALABAMA HOSPITAL:

Program:

By: _____
Alice Goepfert, MD- Designated Institutional Official

RESIDENT:

Date: _____, 20____

By: _____

By: _____
Program Director

Date: _____, 20____

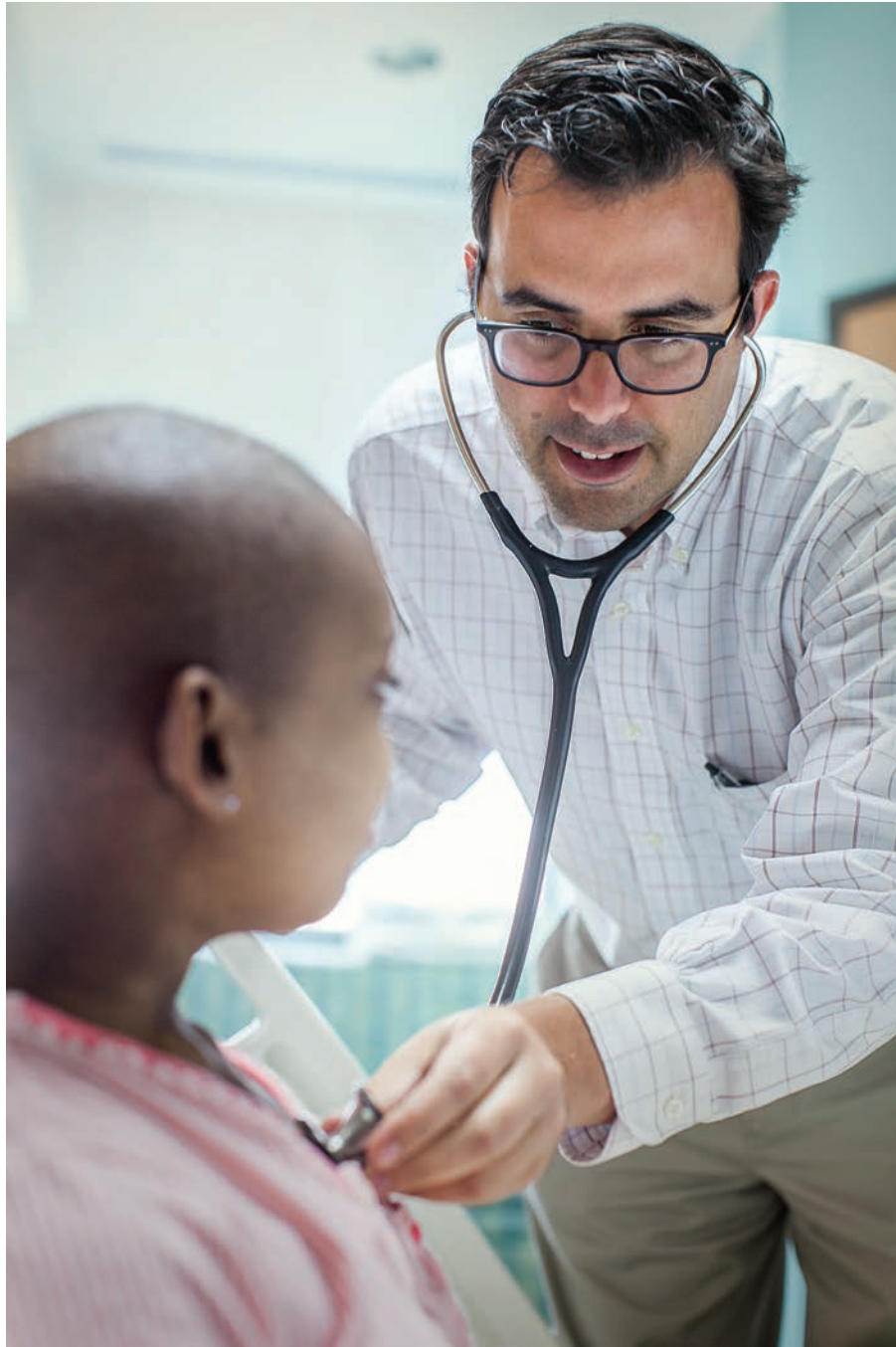
Date: _____, 20____

Revised 9/11/2014

*This is a copy of the 2019-2020 UAB Initial Resident Agreement. Please visit <https://www.uab.edu/medicine/home/residents-fellows/future> for the most up-to-date agreement.

The National Resident Matching Program (NRMP) recommends all applicants review the policies and procedures manual of any institution they are considering listing on their certified rank order list. We have included a copy of our Initial Resident Agreement for 2019-2020 that all incoming residents are required to sign. If you are interested in checking out a complete list of our policies and procedures, please check out the UAB Graduate Medical Education website at:

https://www.uab.edu/medicine/home/images/GME_Manual_AY_2019-20_copy.pdf



SALARY & BENEFITS



SALARY

PGY-4: \$59,112

PGY-5: \$61,214

PGY-6: \$63,932

PGY-7: \$65,596

PROGRAM BENEFITS



Benefits

At no cost:

- Professional liability insurance
- Group term life insurance
- Long-term disability insurance
- Accidental death and dismemberment insurance
- Lab coats, Pagers, Scrubs
- Photocopying/faxing privileges
- Medline database
- Counseling services through the UAB Faculty and Staff Assistance Program
- Three weeks off/year
- Family leave (maternity & paternity)

Other benefits at favorable rates:

- Health insurance plans for residents, spouses and dependent children
- Dental Insurance
- Vision Insurance
- Hospital Parking
- Campus Recreation Center
- Onsite Childcare
- Voluntary Retirement Plans
- Voluntary Life Insurance Plans
- Voluntary Accidental Death and Dismemberment Insurance
- Identity Theft Protection
- Relocation Services

Miscellaneous

- Education Fund
- Conference travel allowance
- Financial support for international rotation
- On-site Medical Library
- Medical license reimbursement
- Moonlighting opportunities
- NRP, BLS, PALS, ATLS Courses
- Yearly in-service exam
- Lactation facilities



OTHER BENEFITS

- Social Security taxes and benefits established by the US Government
- Unemployment Compensation Insurance paid entirely by the University
- On-the-job injury/illness program paid entirely by the University

EMPLOYEE BENEFITS FOR HOUSE OFFICERS



UNIVERSITY PAID INSURANCE

Group Term Life Insurance

For salaries \$40,000 and up: 125% of salary with maximum insurance coverage of \$300,000.

Accidental Death and Dismemberment Insurance

\$22,500

Long-Term Disability Insurance (Salary Continuation)

66.67% of monthly salary (not to exceed \$10,000 per month) for the first 90 days. The benefit is then reduced to 60%.



HEALTH CARE PLAN

Some form of health insurance coverage is mandatory. Proof of insurance is required if the University's Viva UAB, Viva Access, Viva Choice or Blue Cross are not elected. Monthly deductions:

Health Care Providers	Single	EE + Child(ren)	EE + Spouse or EE + Spouse and Child	Family
Viva Choice	\$76.00	\$257.07	\$327.07	\$366.18
Viva UAB	\$91.14	\$277.54	\$358.94	\$419.31
Viva Access	\$153.94	\$469.34	\$569.34	\$663.73
Blue Cross/PMD	\$182.77	\$557.24	\$667.24	\$843.34

Coverage under UAB's group health care plans must begin on either the date of employment or the first day of the month following date of employment.

VOLUNTARY BENEFITS



BCBS Dental Plans Monthly Deductions:

	Single Coverage	Employee + child(ren)	Employee + spouse or EE + spouse & child	Family Coverage
Basic Option	\$18.78	\$32.17	\$41.38	\$48.05
Comprehensive Option	\$35.74	\$61.12	\$79.10	\$91.24



VSP Vision Plan Monthly Deductions:

	Single Coverage	Employee + child(ren)	Employee + spouse or EE + spouse & child	Family Coverage
VSP Basic	\$7.84	\$14.84	\$21.42	\$24.94
VSP Premier	\$13.77	\$21.43	\$35.42	\$44.79



UAB Select: Flexible Spending Accounts:

Pre-tax reimbursement for eligible medical and dependent care. Expenses up to \$2650 (healthcare acct.) or \$5,000 (dependent care) annually per account.

*This is a brief summary of benefits for general purposes only. For full benefit information, please contact the fellowship program coordinator of the program you are interviewing with.

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Tamera Coyne-Beasley, M.D.
Vice Chair for
Community Engagement

Peter Glaeser, M.D.
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Clinical Affairs

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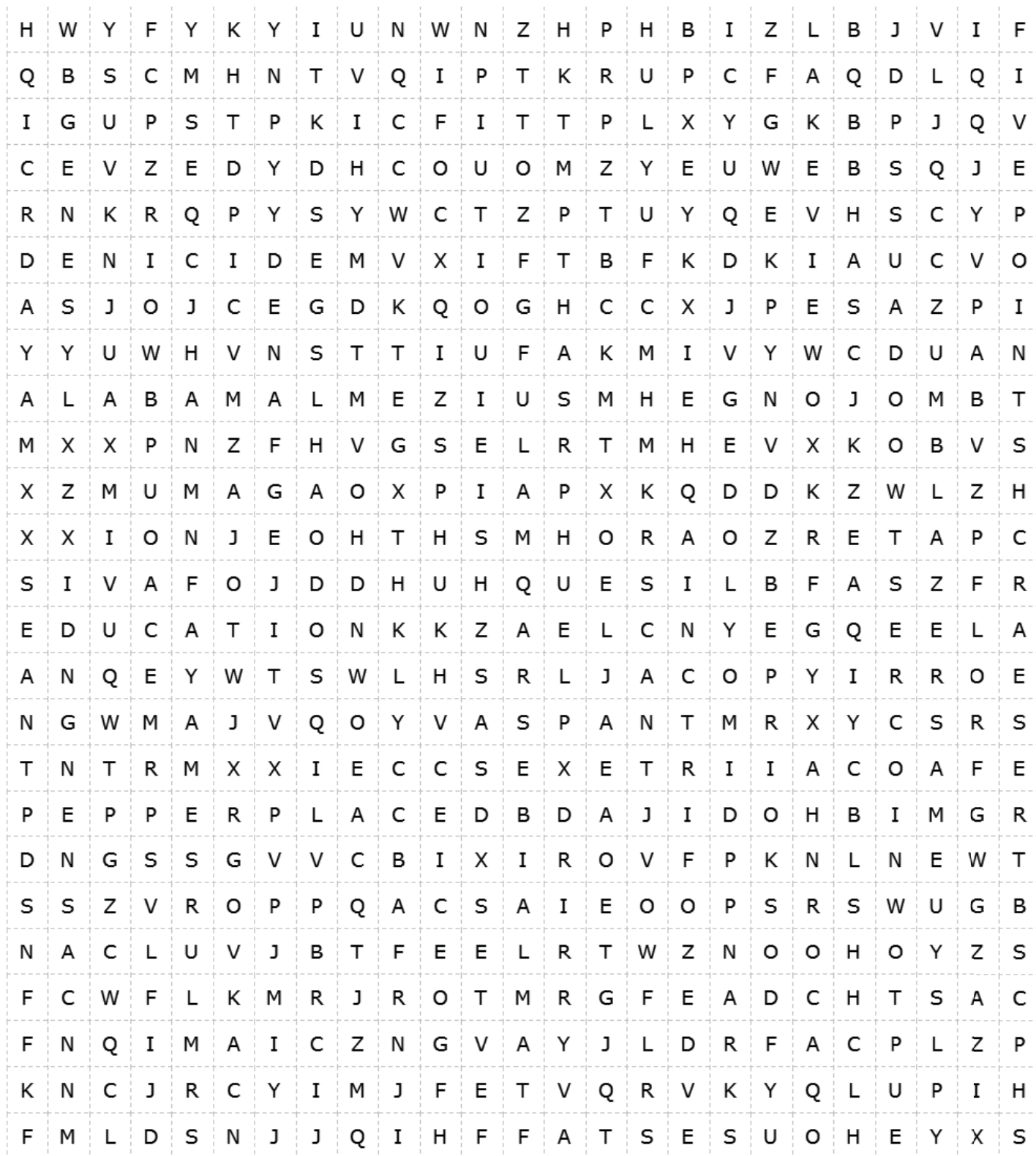
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OTHER

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