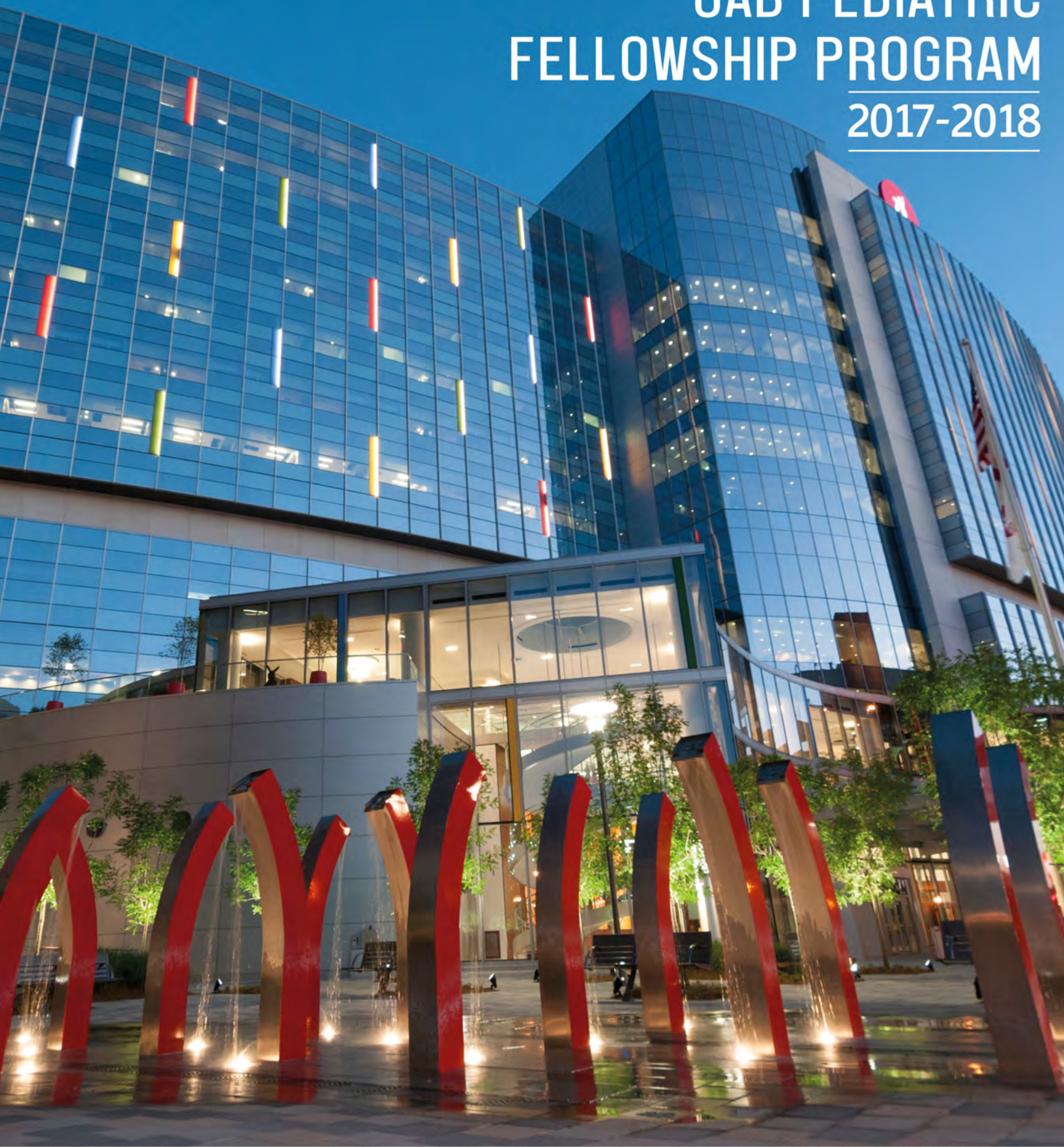


UAB PEDIATRIC FELLOWSHIP PROGRAM

2017-2018



UAB MEDICINE
PEDIATRICS



Children's
of Alabama®



1600 7th Avenue South | Birmingham, Alabama | 35233

UAB PEDIATRIC FELLOWSHIP PROGRAM

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.



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

Pediatric Subspecialty Director

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Subspecialty Coordinator (Point of Contact)

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UAB PEDIATRICS BY THE NUMBERS (2016)



72,117 NUMBER OF VISITS TO
EMERGENCY MEDICINE

**PEDIATRIC CRITICAL CARE
TRANSPORTS**

983



215 PEDIATRIC MEDICAL
FACULTY MEMBERS

18 FELLOWSHIP PROGRAMS

60 FELLOWS | **88** RESIDENTS



380
LICENSED
BEDS AND
BASSINETS



264
DAILY
AVERAGE
CENSUS



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



15,784
INPATIENT
ADMISSIONS



335,015
OUTPATIENT
CLINIC VISITS

BIRMINGHAM BY THE NUMBERS

2 AVERAGE
INCHES OF
ANNUAL
SNOWFALL



12
Jefferson
County
Hospitals



22
PUBLIC GOLF COURSES

23
ALABAMA
STATE PARKS

50 + SHOPPING CENTERS

62°F
AVERAGE TEMPERATURE

117
DAYS OF PRECIPITATION



\$990
AVERAGE RENT
FOR A 2
BEDROOM
APARTMENT



500+
RESTAURANTS

IT'S NICE TO HAVE YOU IN BIRMINGHAM!



THE BIRMINGHAM ZOO



RAILROAD PARK



VULCAN PARK



BARONS FIELD



BIRMINGHAM
BOTANICAL
GARDENS



BIRMINGHAM
CIVIL RIGHTS
INSTITUTE

It's nice to have you in
BIRMINGHAM





BARBER MOTORSPORTS PARK & MUSEUM



RUFFNER MOUNTAIN



ROBERT TRENT JONES GOLF TRAIL



RED MOUNTAIN PARK



PEPPER PLACE MARKET



ABOUT BIRMINGHAM

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



WHERE TO LIVE



THINGS TO DO



DINING



OUTDOORS

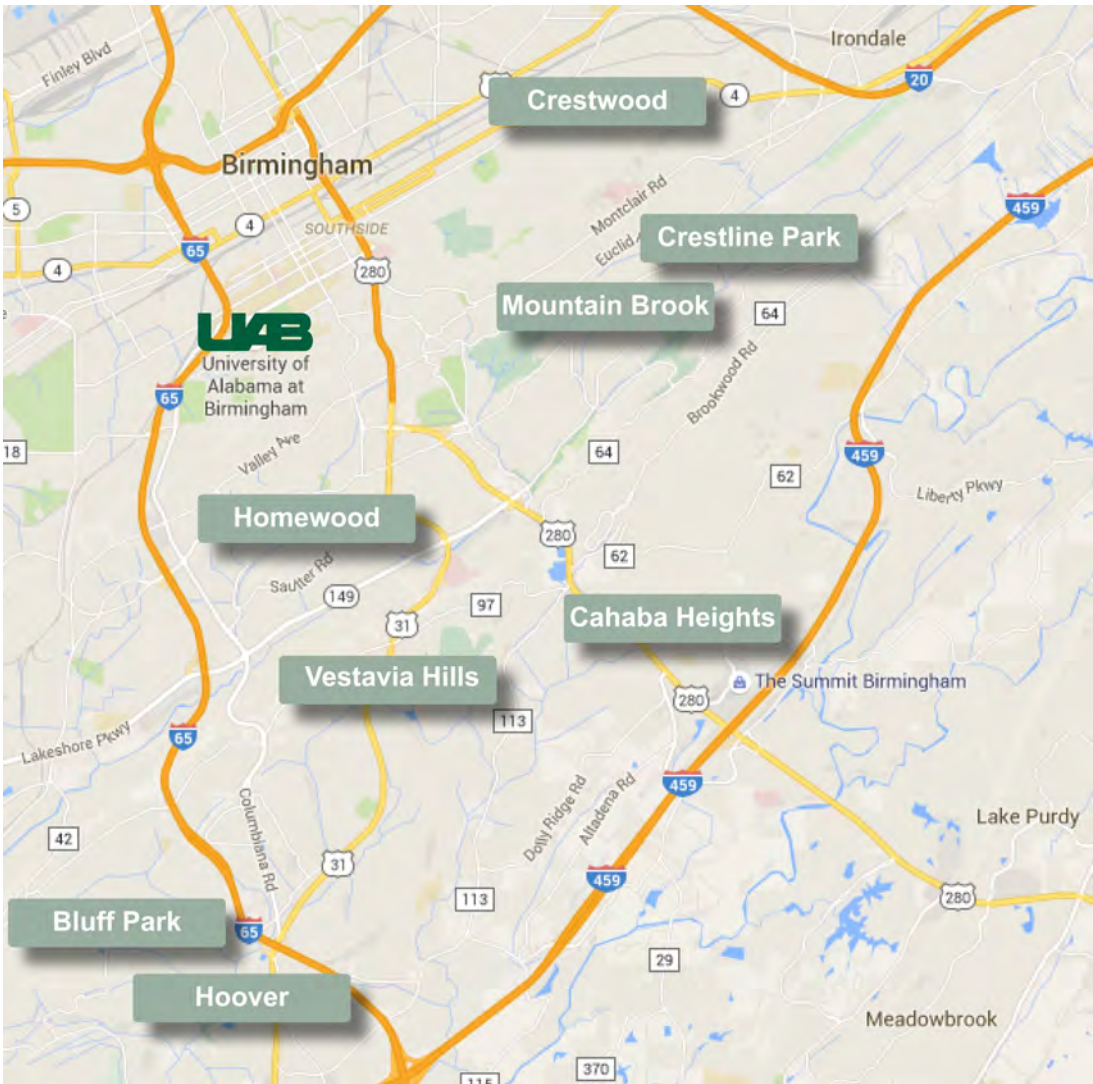


SHOPPING



NIGHTLIFE

WHERE FELLOWS LIVE

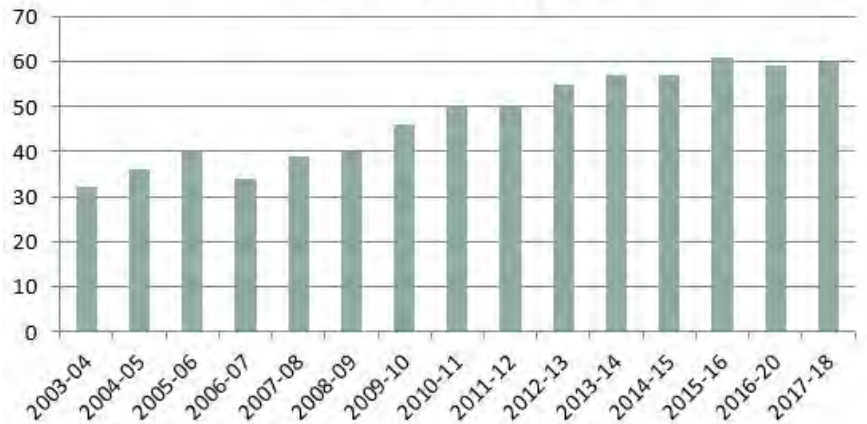


FELLOWSHIPS OVERVIEW

■ 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

Total Fellows by Year



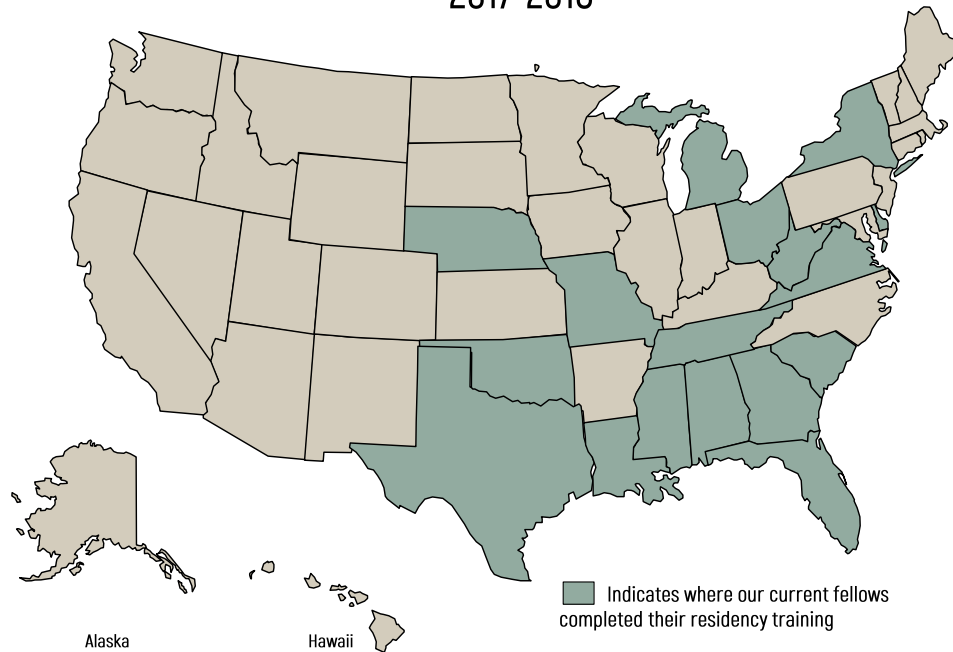
■ 2 NON-ACGME PEDIATRIC FELLOWSHIP PROGRAMS

CARDIAC CRITICAL CARE
HOSPITAL MEDICINE

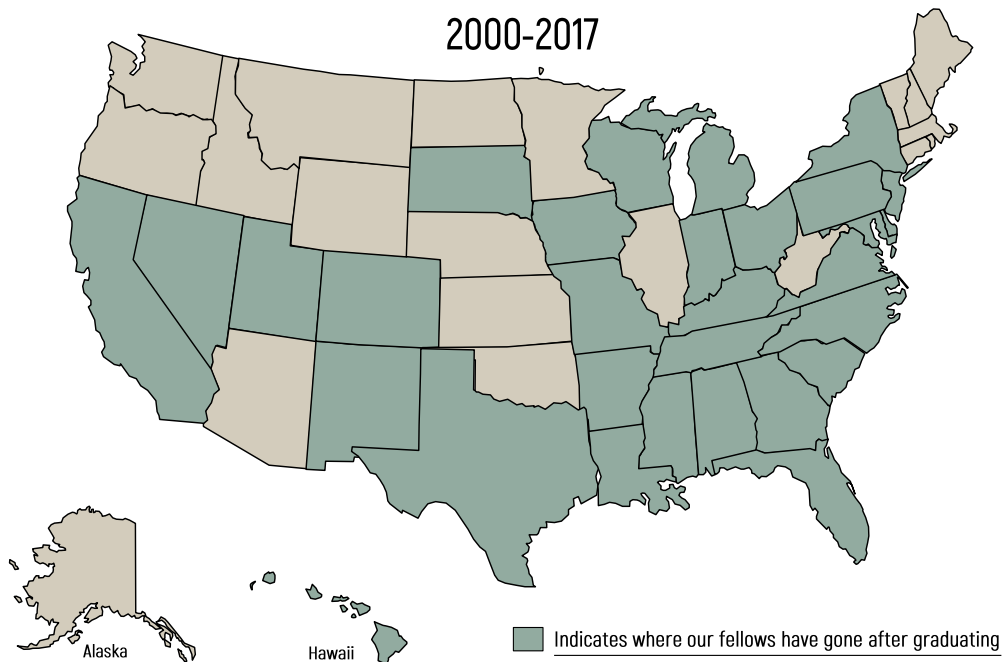
Approximately 80% of our Pediatric fellowship graduates go into academics or seek additional training. While 20% go into private practice or other areas of interest (i.e., CDC, International Missions, etc.)

OUR FELLOWS ACROSS THE NATION

Residencies Where UAB Pediatric Fellows Come From 2017-2018



Where UAB Pediatric Fellows Go 2000-2017



In addition to the US, we have had fellows move to practice in Canada, Chile, India, Ireland, Kenya, Poland, Saudi Arabia and Zambia.

FELLOW FORUMS & SERIES

CHILD HEALTH INVESTIGATIVE FORUM

The Child Health Investigative Forum (CHIF) 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 FROM CHIF 2016-2017

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

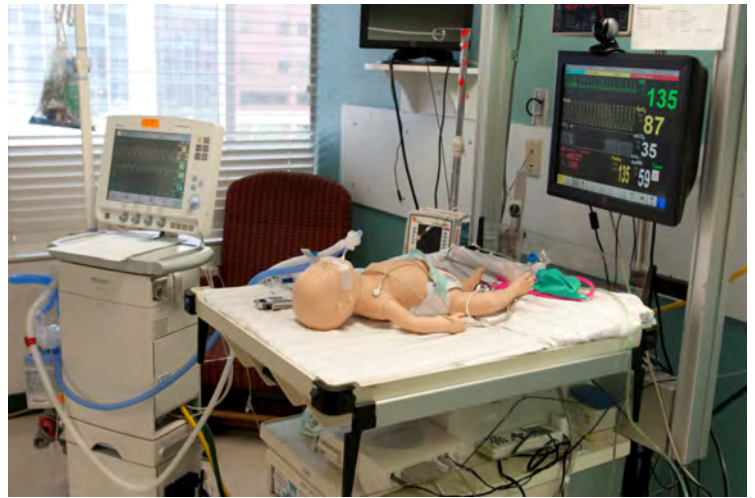
In 2016, the Department of Pediatrics began hosting an annual Pediatric Science Day in the Bradley Lecture Center. On average twenty pediatric presentations are showcased, including presentations by pediatric fellows, pediatric residents, post-docs, medical students and others. Each year a key note speaker 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.



In FY 2016, the Department of Pediatrics faculty had over 230 publications, research funding from the NIH of \$17.5 million (placing us 12th among all Departments of Pediatrics in the United States), and total research funding of \$29.8 million. This represents the third straight year of rising in the research rankings of Departments of Pediatrics.

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.

Currently we have trained over 52,000 learners. In 2016 alone, we saw 5,562 learners, 8,700 hours of simulation and conducted more than 700 simulations. With the help of a generous donation by Dr. and Mrs. Joseph LaRussa, Dr. Chrystal Rutledge and Kristen Waddell, CRNP started a community outreach simulation program called the COACHES Program (Children's of Alabama Community Healthcare Education Simulation Program). They have visited 10 hospitals training both emergency department and inpatient teams on pediatric emergencies.

We offer fellow level courses including crisis resource management for fellows in PICU, PEM, NICU and Pediatric Anesthesia. We offer death and dying courses for Hematology/Oncology fellows and PICU/PEM fellows. We also offer numerous sessions to help fellow focus on team leadership and teaching skills. Finally we have advanced level courses including ECMO, CRRT and other advanced courses. We have multiple research opportunities and have worked in the past with fellows from Endocrinology, PICU, PEM, NICU, Nephrology and Hospital Medicine.

We have weekly simulation sessions for interns and residents as well as regular mock codes and mock traumas. We also continue to train families for children going home on either home ventilator or tracheostomy. We have aligned with hospital safety goals specifically training units for high reliability. Finally, we are actively engaged in research studies having over 15 IRB studies. We presented at both national and international meetings and are active members of the International Pediatric Simulation Research Network (INSPIRE).

QUALITY IMPROVEMENT AND 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

FELLOW WELLNESS

The Pediatric Fellowship Programs are dedicated to ensuring that fellows in these programs are mentally and physically equipped for training in the clinical learning environment.



<http://www.uab.edu/medicine/home/residents->

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.

2017 DIXON FELLOWS



Dr. Jamie Aye
Hematology/Oncology
One Year Award



Dr. Miranda L. Curtiss
Allergy/Immunology
One Year Award



Dr. Corey Falcon
Hematology/Oncology
One Year Award



Dr. Claudette Poole
Infectious Diseases
Renewal, Second Year
Award

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 seven Pediatric Fellows to assist in furthering their educational goals.

2017-2018 CHU FAMILY SCHOLARS



Dr. Courtney Crayne
Rheumatology Fellow

Educational Initiative: UAB
Public Health Certificate



Dr. Erinn Schmit
Hospital Medicine Fellow

Educational Initiative: Medical
Education Certificate Program
through the University of Cincinnati

2017-2018 UAB PEDIATRICS MEDICAL FACULTY

MITCH COHEN, MD - CHAIR

<p>VICE CHAIR FOR CLINICAL AND TRANSLATIONAL RESEARCH</p> <p>David Kimberlin, MD</p>					<p>VICE-CHAIR FOR EDUCATION</p> <p>Michele Nichols, M.D.</p>					<p>VICE-CHAIR FOR RESEARCH</p> <p>Richard J. Whitley, M.D.</p>					<p>VICE-CHAIR FOR CLINICAL AFFAIRS</p> <p>Peter Glaeser, M.D.</p>					<p>VICE CHAIR FOR OUTCOMES</p> <p>Smita Bhatia, MD, MPH</p>				
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	---	--	--	--	--

ALLERGY and IMMUNOLOGY		EMERGENCY MEDICINE		ENDOCRINOLOGY			
♦Dr. Prescott Atkinson	Professor	♦Dr. Peter Glaeser	Professor	♦Dr. Kenneth McCormick	Professor		
Dr. Suthida Kankirawatana	Assistant Professor	Dr. Allury Arora (After Hrs)	Assistant Professor	Dr. Hussein Abdul-Latif	Professor		
Dr. Amy CaJacob	Assistant Professor	Dr. Mark Baker	Associate Professor	Dr. Ambika Ashraf	Professor		
CARDIOLOGY		Dr. Steven T. Baldwin	Professor	*Dr. Joycelyn Atchison	Professor		
		Dr. Judson Barber	Professor	Dr. Gio Beauchamp	Assistant Professor		
		Dr. David W. Bernard	Professor	Dr. Caroline Colvin	Assistant Professor		
		Dr. Christine Campbell	Assistant Professor	Dr. Pallavi Iyer	Associate Professor		
♦Dr. Yung R. Lau	Professor	Dr. Christina Cochran	Assistant Professor	Dr. Rose James	Instructor		
Dr. Wally F. Carlo	Associate Professor	Dr. Teresa Coco	Associate Professor	*Dr. Gail Mick	Professor		
Dr. Edward V. Colvin	Professor	Dr. Valerie Davis	Assistant Professor	Dr. Mary Lauren Scott	Assistant Professor		
Dr. Walter H. Johnson	Professor	Dr. Shea Duerring	Assistant Professor	Dr. Michael Stalvey	Assistant Professor		
Dr. Mark Law	Associate Professor	Dr. Pallavi Ghosh	Assistant Professor	GENERAL PEDIATRICS & ADOLESCENT MEDICINE			
Dr. William S. McMahon	Professor	Dr. Lynzee Head	Instructor				
Dr. F. Bennett Pearce	Professor	Dr. Terry Hope	Instructor				
Dr. Robb L. Romp	Associate Professor	Dr. Nicole Jones	Assistant Professor				
Cardiac Critical Care		Dr. Ann Klasner	Professor	♦Dr. Terry Wall (Interim)	Professor		
Dr. Jeffery Alten	Professor	Dr. Patricia LaBorde	Instructor	*Dr. Jennie Andresen	Assistant Professor		
Dr. Santiago Borasino	Associate Professor	Dr. Laurie Marzullo	Associate Professor	*Dr. Cason Benton	Associate Professor		
Dr. Erika Mendoza	Assistant Professor	Dr. Heather Mitchell	Assistant Professor	Dr. Courtney Campbell	Instructor		
Dr. Leslie Rhodes	Assistant Professor	Dr. Kathy W. Monroe	Professor	Krista Casazza, PhD	Associate Professor		
Dr. Hayden Zaccangi	Assistant Professor	Dr. Michele H. Nichols	Professor	*Dr. Allison Cavender	Assistant Professor		
CHILD ABUSE		Dr. Melissa Peters	Associate Professor	*Dr. Jennifer Chambers	Assistant Professor		
		Dr. Christopher Pruitt	Assistant Professor	Dr. Candice Dye	Assistant Professor		
		Dr. Annalise Sorrentino	Professor	Dr. Crayton A. Fargason	Professor		
		Dr. Marjorie Lee White	Associate Professor	*Dr. DeeAnne S. Jackson	Associate Professor		
♦Dr. Michael Taylor	Professor	GASTROENTEROLOGY/ HEPATOLOGY/ NUTRITION		*Dr. Snehal Khatri	Associate Professor		
CRITICAL CARE				*Dr. Carin Richard Kiser	Associate Professor		
♦Dr. Nancy Tofil (Interim)	Professor			Dr. Morissa Ladinsky	Associate Professor		
Dr. Mark Buckmaster	Associate Professor			Dr. Jamie McKinney	Assistant Professor		
Dr. Leslie Hayes	Associate Professor	♦Dr. Reed Dimmitt	Professor	Dr. Annie Moroski	Instructor		
Dr. Michele Kong	Associate Professor	Margaux Barnes, PhD	Assistant Professor	Adolescent Medicine			
Dr. Priya Prabhakaran	Professor	Dr. Nick CaJacob	Assistant Professor				
Dr. Robert Richter	Assistant Professor	Dr. David Galloway	Assistant Professor			Heather Austin, PhD	Assistant Professor
Dr. Chrystal Rutledge	Assistant Professor	Marissa Gowey, PhD	Assistant Professor			Dr. Nefertiti Durant	Associate Professor
Dr. Will Sasser	Assistant Professor	Dr. Traci Jester	Assistant Professor	Dr. Tina Simpson	Associate Professor		
Dr. Margaret Winkler		Dr. Mike Leonis	Professor	Dr. Stephenie Wallace	Associate Professor		
DEVELOPMENTAL PEDIATRICS		Dr. Rachel Kassel	Assistant Professor				
		Dr. Jeanine Maclin	Associate Professor				
		Dr. Jose Mestre	Professor	GERONTOLOGY/GERIATRICS/PALLIATIVE CARE			
		Dr. Justin Schwartz	Assistant Professor	Dr. Gillian Noel	Assistant Professor	♦Dr. Sam Perna	Assistant Professor
		Dr. Janaina Nogueira	Assistant Professor	Dr. Michael Barnett	Assistant Professor		
		Dr. Amanda Soong	Assistant Professor	Dr. Michael Hurst	Assistant Professor		
				Dr. Ashley C. Nichols	Assistant Professor		

◆ Denotes Division Director
* Denotes Part-time

HEMATOLOGY/ONCOLOGY		INFECTIOUS DISEASE/ VIROLOGY (cont..)		NEUROLOGY (cont.)	
♦Dr. Kim Whelan	Acting Dir/Assoc Prof	Dr. Karen Fowler	Professor	Dr. Monisha Goyal	Professor
Dr. Elizabeth Alva	Assistant Professor	Dr. S. Cecelia Hutto	Professor	Dr. Katherine Hammond	Assistant Professor
Dr. Christy Bemrich-Stolz	Assistant Professor	Dr. Scott James	Assistant Professor	Dr. Krisztina Harsanyi-Jilling	Assistant Professor
Dr. Smita Bhatia	Professor	Mark Prichard, PhD	Professor	Dr. Samuel Hopper	Assistant Professor
Dr. Joseph Chewning	Associate Professor	Debra Quenelle, PhD	Assoicate Professor	Dr. Pongkiat Kankirawatana	Professor
Dr. Gregory Friedman	Associate Professor	Dr. Shannon Ross	Associate Professor	Dr. Jan Mathisen	Professor
Dr. Frederick Goldman	Professor	Veronica Sanchez, PhD	Assistant Professor	Dr. Tony McGrath	Associate Professor
Dr. Hilary Haines	Assistant Professor	Dr. Sergio Stagno	Professor Emeritus	Dr. Ismail Mohamed	Associate Professor
Dr. Lee M. Hilliard	Professor			Dr. Jayne Ness	Associate Professor
Dr. Matthew Kutny	Assistant Professor	NEONATOLOGY		Dr. Sarah Novara	Assistant Professor
Wendy Landier, PhD, RN	Associate Professor	♦Dr. Waldemar A. Carlo	Professor	Dr. Alan K. Percy	Professor
Dr. Jeffrey Lebensburger	Associate Professor	Dr. Namasivayam Ambalavanan	Prof & Co-Director	Dr. Rashid Salman	Assistant Professor
	Informatics Assistant				
Dr. Wayne Liang	Prof	Dr. Allison Black	Assistant Professor		
Donna Murdaugh, PhD	Assistant Professor	Dr. Kathryn Buchan	Assistant Professor	PULMONOLOGY	
Brandi McClain, DNP	Assistant Professor	Dr. Carl H. Coghill	Professor	♦Dr. Hector Gutierrez	Professor
Dr. Alyssa Reddy	Professor	Dr. George El Ferzli	Assistant Professor	Dr. Jennifer Guimbellot	Instructor
Purnima Singh, PhD	Assistant Professor	Dr. Hannah Hightower	Assistant Professor	Dr. William “Tom” Harris	Assistant Professor
Avi Madan-Swain, PhD	Professor	Dr. Tamas Jilling	Associate Professor	Dr. Wyn Hoover	Associate Professor
Erik Westin, PhD	Instructor	Dr. Jegen Kandasamy	Assistant Professor	Claire Lenker, PhD	Associate Professor
Dr. Julie Wolfson	Assistant Professor	Dr. Virginia A. Karle	Professor	Dr. Isabel Lowell	Associate Professor
Dr. Ana Xavier	Assistant Professor	Dr. Charitharth Lal	Assistant Professor	Dr. Mary Halsey Maddox	Assistant Professor
		Dr. Albert Manasyan (Zambia)	Assistant Professor	Dr. Teri Magruder	Associate Professor
HOSPITAL MEDICINE		Dr. Joseph B. Phillips	Professor	Dr. Ammar Saadoon	Assistant Professor
♦Dr. Robert F. Pass	Professor	Dr. Maran Ramani	Assistant Professor	Valerie Tarn, PhD	Assistant Professor
Dr. Stephanie Berger	Assistant Professor	Dr. Ariel Salas	Assistant Professor	Dr. Brad Troxler	Assistant Professor
Dr. Emily Casey	Assistant Professor	Dr. Brian Sims	Associate Professor	Dr. Brett Turner	Assistant Professor
Dr. Megan Hofto	Assistant Professor	Dr. Trent Tipple	Associate Professor	Huntsville Campus	
Dr. Riley Livingston	Instructor	Dr. Rune Toms	Associate Professor	Dr. Gerald Judy	Associate Professor
Dr. Natalia Lotz	Instructor	Dr. Lindy Winter	Associate Professor	Dr. Vinit Mahesh	Associate Professor
Dr. Sri Narayanan	Assistant Professor			Dr. Madhuri Penugonda	Assistant Professor
Dr. Lauren Nassetta	Assistant Professor	NEPHROLOGY			
Dr. Mary Orr	Instructor	♦ Dr. Daniel Feig	Professor		
Dr. Nichole Samuy	Assistant Professor	Dr. David Askenazi	Professor	REHABILITATION MEDICINE	
Dr. Paul Scalici	Assistant Professor	Dr. Sahar Fathallah-Shaykh	Associate Professor	♦Dr. Drew Davis	Associate Professor
Dr. Cassi Smola	Assistant Professor	Dr. Michael Seifert	Assistant Professor	Dr. Paola "Lala" Mendoza Sengco	Assistant Professor
Dr. Susan Walley	Associate Professor	Dr. Tennille Webb	Assistant Professor	Dr. Erin Swanson	Assistant Professor
Dr. Chang Wu	Assistant Professor	Dr. Megan Yanik	Assistant Professor		
INFECTIOUS DISEASE/ VIROLOGY		NEUROLOGY		RHEUMATOLOGY	
♦Dr. Richard J. Whitley	Professor	♦ Dr. Leon S. Dure	Professor	♦Dr. Randy Cron	Professor
Dr. David W. Kimberlin	Prof & Co-Director	Dr. Matthew Alexander	Assistant Professor	Dr. Tim Beukelman	Associate Professor
Mary Ballestas, PhD	Assistant Professor	Dr. Amitha Ananth	Assistant Professor	Dr. Melissa Mannion	Assistant Professor
Dr. Suresh Boppana	Professor	Dr. Pierre Fequiere	Assistant Professor	Dr. Matthew Stoll	Associate Professor
Dr. William J. Britt	Professor			Dr. Peter Weiser	Associate Professor
Maaike Everts, PhD	Associate Professor				

POLICIES AND PROCEDURES

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 2017-2018 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:

http://www.uab.edu/medicine/home/images/AY_17-18_GME_Policy_Procedure_Manual.pdf



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:

- 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 _____.
- 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).
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 _____.
- 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.

THE UNIVERSITY OF ALABAMA HOSPITAL:
By: _____

Gustavo Heudebert, MD- Designated Institutional

Official Date: _____, 20____

By: _____
Program Director

Date: _____, 20____

Program:

RESIDENT:

By: _____

Date: _____, 20____

SALARY AND BENEFITS

SALARY

PGY-4 \$57,379

PGY-5 \$59,420

PGY-6 \$62,057

* Stipends are reviewed annually in accordance with those of the Council of Teaching Hospitals.

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

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

EMPLOYEE BENEFITS FOR HOUSE OFFICERS

UNIVERSITY PAID INSURANCE

1. Group Term Life Insurance

Coverage varies with salary as indicated.

No cost to employee.

ANNUAL SALARY

\$24,000-29,999

\$30,000-39,999

\$40,000 and above, 125% of salary with a maximum insurance coverage of \$300,000.

COVERAGE

\$37,500

\$50,000

2. Accidental Death and Dismemberment Insurance

No cost to employee.

\$22,500 for accidental death

3. Long-Term Disability Insurance (Salary Continuation)

After a 90-day waiting period, 66 2/3% month salary (not to exceed \$10,000 per month) for the first 90 days.

The benefit is then reduced to 60%. No cost to employee.

HEALTH CARE PLANS:

Some form of health insurance coverage is mandatory. Proof of insurance is required if the University's VivaChoice, VivaUAB, VivaAccess, or Blue Cross are not elected.

VivaChoice, VivaUAB, VivaAccess, or Blue Cross monthly deductions:

YOUR COST (2017)

	<u>Viva Choice</u>	<u>VivaUAB</u>	<u>VivaAccess</u>	<u>Blue Cross/PMD</u>
Single coverage	\$ 76.00	\$ 85.00	\$ 153.94	\$ 182.77
Employee+up to 2	\$ 253.98	\$ 267.75	\$ 447.67	\$ 548.06
Family coverage	\$ 366.18	\$ 390.66	\$ 663.73	\$ 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:

1. MetLife Dental Plans

Basic Option: Single Coverage - \$18.78/month, Family Coverage - \$48.05/month

Comprehensive Option: Single Coverage - \$35.74/month, Family Coverage - \$91.24/month

(See UAB Employee Handbook for more information)

2. UAB Select: Flexible Spending Accounts - Pretax reimbursement for eligible medical and dependent care

Expenses up to \$2550 (healthcare acct) or \$5,000 (dependent care) annually per account.

3. Voluntary Life Insurance

Maximum Coverage: Up to 5 times your salary, not to exceed \$1.4 million.

Guaranteed Issue: 3 times your salary or \$500,000; elected during the first 60 days of employment without evidence of insurability.

4. Voluntary Accidental Death and Dismemberment Insurance

Maximum Coverage: \$500,000

OTHER BENEFITS:

1. Social Security taxes and benefits established by the U.S. Government.
2. Unemployment Compensation Insurance paid entirely by the University.
3. On-the-job Injury/Illness Program paid entirely by the University.

This information is a brief summary of benefits for general purposes only. Please refer to the UAB School of Medicine website for additional information.

ADOLESCENT MEDICINE

The UAB Adolescent Medicine Subspecialty 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 pediatric 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, dietitians, and other health professionals with special training and expertise in adolescent health issues.

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

OUR FELLOWS



Erin Boyd, MD, MSPH

Research Interest:

Adolescent Sexual Risk
Taking Behaviors



Samantha Hill, MD

Research Interest:

Adolescent Sexual Health

"I chose UAB because of their interdisciplinary approach to adolescent care and the various clinical and research opportunities available here in my area of interest. I knew that I would be able to engage in more advocacy opportunities in this program as well."

Erin Boyd, MD, MSPH

FELLOWSHIP DIRECTOR



Tina Simpson, MD, MPH

Associate Professor

Residency: Pediatrics, UAB

Fellowship: Adolescent Medicine, UAB

FELLOWSHIP COORDINATOR



Adrienne Marbury, MPA

E: amarbury@peds.uab.edu

P: 205.638.6970

FACULTY RESEARCH INTERESTS:

Heather Austin, PhD

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

Krista Casazza, PhD, RDN, LD

Musculoskeletal Function in Adolescents

Nefertiti Durant, MD, MPH

Using Technology to Promote Physical Activity

Tina Simpson, MD, MPH

Adolescent Sexual Risk Taking Behaviors
HPV Vaccination

Stephenie Wallace, MD, MSPH

Pediatric and Adolescent Obesity

WHAT MAKES OUR PROGRAM UNIQUE?

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



<http://www.uab.edu/medicine/peds/gpam-training-program/leah-grant>

ALLERGY & IMMUNOLOGY

The UAB Allergy & Immunology Fellowship Training Program is an accredited joint adult and pediatric fellowship program accepting one candidate each year with board eligibility or certification in Internal Medicine or Pediatrics.

The UAB Allergy & Immunology Fellowship Program, like most Allergy & Immunology Fellowship Programs nationwide, participates in the AAMC Electronic Residency Application Service (ERAS) and the National Residency Matching Program (NRMP). Allergy & Immunology Fellows receive intensive clinical training in allergic and immunologic diseases in children with the faculty of the Division of Pediatric Allergy, Asthma & Immunology at Children's of Alabama's Park Place and Children's South Facilities. On the adult side, fellows work with Drs. Harry Schroeder, John Anderson and Tracy Hwangpo at the UAB Kirklin Clinic and the Birmingham VA Medical Center. They also receive training in the outside offices of three local private allergy practices under the supervision of volunteer clinical faculty.



FELLOWSHIP DIRECTOR



Prescott Atkinson, MD, PhD
Professor and Division Director

Residency: Pediatrics, UAB
Georgetown University
Fellowship: Allergy & Immunology
NIH/NIAID

ASSOCIATE FELLOWSHIP DIRECTOR



Amy CaJacob, MD
Assistant Professor

Residency: Internal Medicine, UAB
Fellowship: Allergy and
Immunology, UAB



Miranda Curtiss, MD, PhD



Njeri Maina, MD, PhD



Cali Reynolds, MD

The UAB Allergy & Immunology Fellowship Program dates to 1990 and has trained 21 fellows to date with a 100% pass rate on the UAB Allergy & Immunology Boards.

Fellows attend one half-day clinic per week on a rotating basis in the private offices of four volunteer faculty who practice in the local community. During their two years of training, fellows are also encouraged to pursue electives in adult and pediatric ENT and Dermatology, specialties with considerable overlap in our field.

Fellows and faculty meet twice weekly for didactic seminars and for a monthly journal club/case presentation session at the Kirklin Clinic with community allergist/immunologists. All fellows are required to pursue a research project and a quality improvement project under a mentor either among the Fellowship Faculty or other faculty members at UAB and to present their work at a national meeting and in scholarly journals.

FELLOWSHIP COORDINATOR



Scott DeFreese

E: sdefreese@peds.uab.edu
P: 205.934.1180

RESEARCH INTERESTS:

Dr. 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 being pursued by my graduate student is to examine the effect of allergic airway sensitization on the immune response to *Mycoplasma pneumoniae* in a mouse model. 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 Hospital and The Kirklin Clinic.

Dr. CaJacob: My research interests involve food and drug allergies and the development of hospital-based programs to validate these within the hospital EMR systems.

CARDIAC CRITICAL CARE

The 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 pediatrics 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 twenty bed unit with 600 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 transplantation. 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 candidates's previous clinical skills and knowledge as well as build experience in research and quality improvement in the CICU. Please feel free to call us with any additional questions.

OUR FELLOWS



Cara Lasley, DO

PUBLICATIONS AND AWARDS

Since 2013, the cardiac critical care medicine section gave 18 poster presentations and five oral presentations at international scientific conferences and we won three abstract awards. Many of these presentations are by trainees.

Recent Publications:

Timpa JG, O'Meara LC, Goldberg KG, Phillips JP, Crawford JH, Jackson KW, Alten JA. Implementation of multidisciplinary bleeding and transfusion protocol significantly decreases perioperative blood product utilization and improves some bleeding outcomes. J Extra Corpor Technol. 2016;48(1):11-8.

Alten JA, Rhodes LA, Tabbutt S, Cooper DS, et al. Perioperative feeding management of neonates with CHD: analysis of the Pediatric Cardiac Critical Care Consortium (PC4) registry. Cardiol Young. 2015 Dec;25(8):1593-601.

Robert SM, Borasino S, Dabal RJ, Cleveland DC, et al. Postoperative Hydrocortisone Infusion reduces the prevalence of low cardiac output syndrome after neonatal cardiopulmonary bypass. Pediatr Crit Care Med. 2015 Sep;16(7):629-36.

O'Meara LC, Alten JA, Goldberg KG, Timpa JG, et al. Anti-xa directed protocol for anticoagulation management in children supported with extracorporeal membrane oxygenation. ASAIO J. 2015 May-June;61(3):339-44.

Sasser WC, Dabal RJ, Askenazi DJ, Borasino S, et al. Prophylactic peritoneal dialysis following cardiopulmonary bypass in children is associated with decreased inflammation and improved clinical outcomes. Congenit Heart Dis. 2014 Mar-Apr;9(2):106-15.

FELLOWSHIP DIRECTOR



Leslie Rhodes, MD

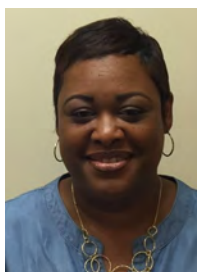
Assistant Professor

Residency: Pediatrics, UAB

Fellowship: Pediatric Critical Care, UAB

Pediatric Cardiac Critical Care, UAB

FELLOWSHIP COORDINATOR



LaTanya Brown

E: labrown@peds.uab.edu

P: 205.975.3123

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 least one conference during fellowship. Some of our interests:

- How low gamma globulin levels impact newborn heart surgery patients
- Cardiac Surgery Induced AKI and fluid overload
- Epidemiology of Lung Injury in Children with Congenital Heart Disease
- Cardiac Surgery induce adrenal insufficiency
- Preoperative feeding in neonates with congenital heart surgery
- Microcirculation in critically ill children with cardiac disease
- Interaction of the gastrointestinal microbiome and cardiac surgery
- Prophylactic PD in high risk neonates
- Arteriovenous CO2 gradient and outcomes after infant cardiac surgery

CARDIOLOGY

The Pediatric Cardiology Fellowship program at UAB will educate qualified physicians with a structured scholarly experience in clinical and experimental cardiology. The training program is to provide fellows with a firm foundation for understanding normal and abnormal cardiovascular conditions, including a strong emphasis on the pathophysiologic basis of congenital and acquired cardiovascular disease.

The program's goal is to prepare fellows for careers as academic pediatric cardiology consultants to provide optimal care for pediatric patients with cardiovascular disease. Our accredited program consists of 3 years of training, at the end of which the fellow will have met or exceeded the requirements for the qualifying board examination in pediatric cardiology.

OUR FELLOWS



J. Leslie Collins, MD

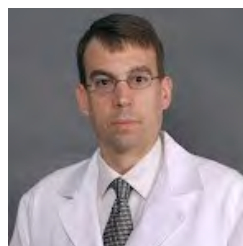


Jeb Raulston, MD



Rune Toms, MD

FELLOWSHIP DIRECTOR



Mark Law, MD
Associate Professor

Residency: Internal Medicine/
Pediatrics, UAB

Fellowship: Pediatric
Cardiology, Baylor College of
Medicine

FELLOWSHIP COORDINATOR



Ina Schaffer

E: ischaffer@peds.uab.edu
P: 205.996.2365

PUBLICATIONS

Transhepatic Cannulation for venovenous Extracorporeal Membrane Oxygenation. Rhodes LA, Sasser WC, McMahon WS, Law MA, Timpa JG, O'Meara LC, Alten JA. ASAIO J. 2015 Jul-Aug;61(4):e29-30. doi: 10.1097/MAT.000000000000213. PMID: 25710775

Balloon Angioplasty for the Treatment of Left innominate Vein Obstruction Related Chylothorax after Congenital Heart Surgery. Law MA, McMahon WS, Hock KM, Zaccagni HJ, Borasino S, Alten JA. Congenit Heart Dis. 2015 Jul-Aug;10(4):E155-63. doi: 10.1111/chd.12246. Epub 2015 Jan 20. PMID: 25600286

PostoperativeHydrocortisone Infusion Reduces the Prevalence of Low Cardiac Output Syndrome After Neonatal Cardiopulmonary Bypass. Roberts SM, Borasino S, Dabal RJ, Cleveland DC, Hock KM, Alten JA. Pediatr Crit Care Med. 2015 Sept;16(7):629-36. doi: 10.1097/PCC.0000000000000426

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.

Examples

- Balloon angioplasty to treat persistent leaking or lymph fluid into the lung cavity after surgery
- Ultrasound guided procedures
- Impact of gamma globulin levels in newborn after heart surgery
- Heart transplanted outcomes
- Tuberous sclerosis
- Prophylactic hydrocortisone infusion after cardiopulmonary bypass
- IVIG supplementation following surgery
- Long-term outcomes of Fontan operation
- Outcomes of transcatheter pulmonary valve replacement

CHILD NEUROLOGY

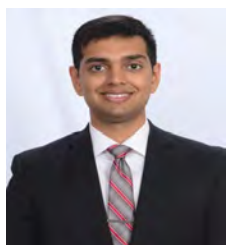
The UAB Child Neurology Residency is combined with the Pediatric Residency Program. Applicants do NOT need to apply to the Pediatric Residency Program for the Child Neurology Residency position. Training in child neurology shall encompass a total of five years. This includes two years of pediatric residency training, one year of training in clinical adult neurology, one year of training in clinical child neurology, and one year as "flexible".

Our faculty are experts in a variety of Neurological specialties such as Tourette syndrome (and other movement disorders), Stroke, and Demyelinating Disorders. We are currently the only pediatric demyelinating center in the southeast and running clinical trials in Pediatric Multiple Sclerosis and Pediatric Neuro Myelitis Optica. We also specialize in Neuromuscular Syndromes and currently have a Neurologist on staff who conducts weekly EMGs and monthly Muscular Dystrophy clinics. In addition to our well esteemed faculty members, our nurse practitioners are Certified Neuroscience Registered. Child Neuro training is based on supervised clinical work with increasing resident responsibility. Our training strives to ensure that our residents are effectively independent prior to graduation.

OUR FELLOWS



Lydia Marcus, MD



Neal Sankhla, MD



Rachel Bass, DO

"My experience in the Child Neurology Program at UAB has been challenging, exciting, and fulfilling. I am grateful for the exceptional instruction I have received here "

Lydia Marcus, MD

"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 attending's and co-residents who continue to inspire me with their expertise, passion, and dedication"

Neal Sankhla, MD

RESIDENTS

Child Neuro Residents currently completing Pediatrics Residency:

- Brittney Jones, MD
- Matthew Lustig, MD

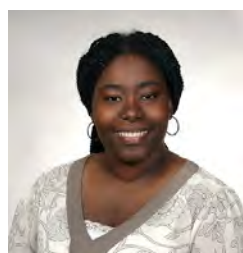
RESIDENCY DIRECTOR



Tony McGrath, MD
Associate Professor

Residency: Neurology, University of Oklahoma
Fellowship: Neurology, UAB

RESIDENCY COORDINATOR



Charmaine Echols

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

RESEARCH INTERESTS:

Child Neuro current research interests (including faculty and residents) listed below:

- Comparison of Acute Flaccid Myelitis Patients Diagnosed Since 2014 vs. Those Identified Retrospectively with Onset Prior to 2014 (Lydia Marcus, MD; Jayne Ness, MD)
- The Use of Simulation in Stroke Education for Pediatric Residents and Fellows (PI: Sarah Novara, MD)
- 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 (PI: Pongkiat Kankirawatana, MD)
- Mitochondrial Diseases Registry (PI: Leon Dure, MD)

CRITICAL CARE

Our fully accredited 3-year program combines research and clinical experience that makes our graduates eligible and prepared for the American Board of Pediatrics Subspecialty Board exam in Pediatric Critical Care Medicine. The goal of the Pediatric Critical Care Fellowship Program is to provide trainees with the education, clinical experience, research training, and technical skills necessary to become excellent intensivists who are ready to achieve success in the academic setting. The 36-month curriculum includes 17.5 months clinical service, 18.5 months protected research time, and 9 weeks vacation. We have a 100% pass rate for first time board takers. The Pediatric Intensive Care Unit at Children's of Alabama is a 22 bed unit with approximately 1,400 admissions per year. Pediatric Critical Care fellows 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 dysfunction. In addition, Critical Care fellows spend four months in the Cardiac Intensive Care Unit, which is a 20 bed unit with greater than 300 pump cases and 500 surgeries per year.

OUR FELLOWS



Steve Nye, MD



Nicki Sims, MD



Neha Gupta, MD



Sai Surapa-Raju, MD



Veronica Godsey, MD



Jeremy Loberger, MD

The Critical Care Division also has a nurse research coordinator who supports and assists the fellows and attendings with research. This support can include helping with initial IRB submission, maintaining IRB regulatory documents, staff education, patient screening, consenting, and sample/data collection.

FELLOWSHIP DIRECTOR



Priya Prabhakaran, MD
Professor

Residency: Pediatrics, UAB
Fellowship: Pediatric Critical Care, Baylor University and UAB

FELLOWSHIP COORDINATOR



Vanessa Snider

E: vsnyder@peds.uab.edu
P: 205.638.3342

RESEARCH INTERESTS:

FACULTY:

- The role of inflammatory mediators in acute and chronic lung disease
- Effect of noninvasive ventilation vs supplemental oxygen therapy on reintubation in high-risk infants following congenital heart surgery
- Promotion of patient and family centered care, with emphasis on culturally responsive care

FELLOWS:

- Improving sepsis through goal-directed algorithm
- Hyperchloremic Metabolic Acidosis—Does it Matter?
- A-V Co2 difference in neonates after cardiac surgery: a prospective study
- Beta lactam clearance on CRRT
- Hyperchloremic metabolic acidosis—does it matter?

EMERGENCY MEDICINE

The Pediatric Emergency Medicine fellowship program at the UAB has been in existence for over 30 years. We are housed in a Level 1 trauma center dedicated to the care of children. We accept 3 fellows per year, who join fellowship programs from 17 other divisions in our hospital.

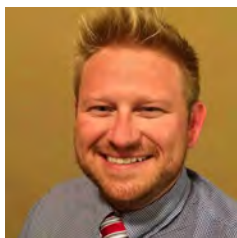
We offer all electives and a significant amount of "protected" research time is allowed throughout the training period. Our fellows take classes at the School of Public Health to acquire basic research tools – an excellent opportunity available in few programs. We believe our program is unique in that we offer a State-of-the-Art Simulation Center, specific training in Point of Care Ultrasound, and training at a Regional Poison Control Center. At graduation our fellows are prepared clinically in all aspects of Pediatric Emergency Medicine. We have a greater than 90% pass rate for first time board takers and our fellows find faculty positions coast to coast.

Please feel free to call us with additional questions and we look forward to hearing from you!

OUR FELLOWS



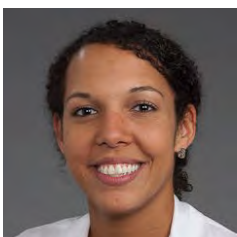
Shaundra Blakemore, MD



Todd Fleenor, MD



Jacinta Cooper, MD, PhD



Kathleen Richard, MD



Jennifer Smedley, DO



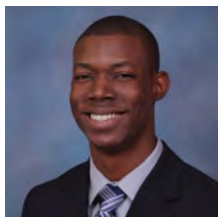
Josh Haupt, MD



Erika Bishop, MD



Laura Rochford, MD



Samuel Strachan, MD

FELLOWSHIP DIRECTOR



Ann E. Klasner, MD, MPH
Professor

Residency: Pediatrics, University of Arkansas

Fellowship: Pediatric Emergency Medicine, St. Louis University

FELLOWSHIP ASSISTANT DIRECTOR

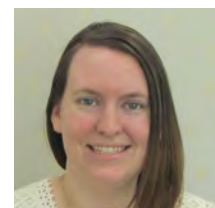


Terri Coco, MD
Associate Professor

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 and to help our fellows gain experience in grant writing, project development, and paper presentation. Some of our faculty and fellows current and recent research projects include:

- Febrile Sickle Cell Patients, ED Time to Antibiotics
- The Pediatric Septic Shock Collaborative
- Measuring the potential impact of bedside US on patient outcomes for the management of skin and soft tissue infections
- Liquid nicotine ingestions national review
- Do retained fragments from GSW cause increased serum lead levels over time
- IN Fentanyl protocol use for acute pain control in the ED

ENDOCRINOLOGY

The Pediatric Endocrinology fellowship program at UAB has a long-standing commitment to fellowship education, through a vast clinical experience and variety of research opportunities. As part of the Children's of Alabama team, we have a flourishing inpatient service and outpatient clinic. Our division currently consists of nine faculty members, and we accept one fellow per year to join our team.

Our fellowship 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



Shelly Mercer, MD



Heather Choat, MD



Bhuvana Sunil, MD

"The UAB Pediatric Endocrinology fellowship program has far exceeded my expectations. In my first year alone I have encountered some extremely interesting patients with very rare pathology. I have had ample exposure to the 'bread and butter' cases of pediatric endocrinology. The mixture of experience in both the clinical and inpatient settings is ideal. The biggest asset to this program are the outstanding attending's. They are extremely knowledgeable and create a stimulating academic environment. I know at the end of three years I will be able to seamlessly transition to a fulfilling career as a pediatric endocrinologist."

Shelly Mercer, MD

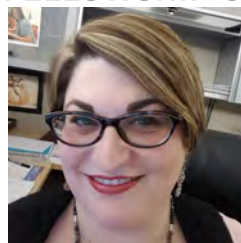
FELLOWSHIP DIRECTOR



Michael Stalvey, MD
Assistant Professor

Residency: Pediatrics,
University of Florida
Fellowship: Pediatric
Endocrinology,
University of Florida

FELLOWSHIP COORDINATOR



Toni Davison

E: tdavison@peds.uab.edu
P: 205.638.5025

RESEARCH INTERESTS:

Faculty:

- Pathogenesis of type 1 and type 2 diabetes
- Cardiovascular risk, insulin resistance and vitamin D
- Endoplasmic reticulum enzymes and metabolism
- Growth and bone metabolism in cystic fibrosis
- Effects of cigarette smoke on glucose regulation and bone metabolism
- Pathogenesis of cystic fibrosis related diabetes (CFRD)
- Newborn screening and follow-up of congenital hypothyroidism and congenital adrenal hyperplasia
- New technologies in diabetes management
- Feasibility of non-mydratric retinal screening during endocrine clinic for children with diabetes
- Factors influencing dyslipidemia in children and adolescents

Fellows:

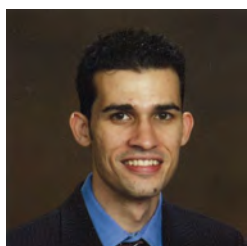
- Pathway-driven DKA management and effects on hospital outcomes
- Predisposing factors for rhabdomyolysis in the setting of hyperglycemia
- Early predictors of CFRD
- Immunologic modulation in new-onset Type 1 diabetics

GASTROENTEROLOGY, HEPATOLOGY & NUTRITION

Our 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.

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 groom 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



Osman Ahmad, MD



Saurabh Talathi, MD



Sasha Monteil, MD

MULTIDISCIPLINARY PATIENT CENTERED PROGRAMS:

- AeroDigestive Program
- Colorectal Program
- Gastrointestinal Eosinophilic Diseases Program
- Hepatobiliary Program
- Inflammatory Bowel Disorder Program
- Intensive Feeding Program
- Intestinal Rehabilitation Program
- Liver Transplant Program
- Weight Management Program

RESEARCH INTERESTS:

Faculty:

- Simulation as a teaching tool in Pediatric Gastroenterology
- Cohort Study of Disease Education and Medication Adherence in patients attending a specialized Pediatric Inflammatory Bowel Disease Clinic

Fellows:

- An analysis of Eosinophilic Esophagitis in a Pediatric Population by race, gender, and age.
- Sleep and Quality of Life in Children Nightly Enteral Tube feeds.
- Establishing the intestinal Failure Gut Microbiome

FELLOWSHIP DIRECTOR



Jeanine Maclin, MD, MPH
Associate Professor
Co-Director, Inflammatory Bowel
Disease Clinic

Residency:
Pediatrics, UAB
Fellowship:
Pediatric Gastroenterology, UAB

FELLOWSHIP COORDINATOR



Nicole DeShazo
E: ndeshazo@peds.uab.edu
P: 205.638.5191

State of the art GI laboratory and endoscopy facilities perform number of diagnostic and therapeutic procedures which include:

- Upper and lower endoscopy with biopsies
- Polypectomies
- Variceal Sclerotherapy and Banding
- Foreign body removal from upper GI tract
- PEG Placement
- Dilatations
- Percutaneous liver biopsies
- pH/impedance study
- Hydrogen Breath Testing
- Anorectal Motility Testing

HEMATOLOGY & ONCOLOGY

The **mission** of the Division 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 **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. 1st year fellows enjoy the opportunity to care for a diverse patient population. 2nd and 3rd 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



Corey Falcon, MD



Jamie Aye, MD



Aman Wadhwa, MD



Jason Payne, MD



Aditi Dhir, MD



Charles Schlappi, MD

RESEARCH INTERESTS:

Fellows:

- Outcomes research in high risk leukemia & SCT patients
- Pain management in sickle cell disease
- Identifying targetable mutations in metastatic Wilms Tumor using patient derived xenografts.
- Developing "suicide gene" in patients using CAR T cell therapy.

FELLOWSHIP DIRECTOR



Kimberly Whelan, MD, MSPH
Associate Professor
Medical Director, Taking on Life after Cancer clinic

Residency: Pediatrics, Vanderbilt University Medical Center
Fellowship: Pediatric Hematology & Oncology, UAB

FELLOWSHIP CO-DIRECTOR



Ana Xavier, MD
Assistant Professor of Pediatrics

Residency:
Pediatrics, Medical University of South Carolina
Fellowship:
Pediatric Hematology & Oncology, Children's Hospital of Michigan/Wayne State University

FELLOWSHIP COORDINATOR



Kimberly Threadgill

E: kthreadgill@peds.uab.edu
P: 205.638-6194

Faculty:

Dr. Smita Bhatia: Cancer outcomes and survivorship research aiming to reduce the burden of cancer and its sequelae across all segments of the population through collaborative efforts.

Dr. Greg Friedman: Improving outcomes for children with malignant brain tumors by developing and improving novel, targeted therapeutics like oncolytic engineered herpes simplex virotherapy (oHSV) in the lab and then translating these therapies to clinical trials.

Dr. Fred Goldman: studies new gene transfer methods to treat bone marrow failure syndromes and disorders of hematopoiesis and leukemia.

Dr. Brandi McClain Pernell: Clinical and translational research in children with sickle cell disease with and without comorbid pulmonary complications.

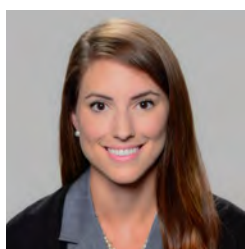
HOSPICE & PALLIATIVE MEDICINE

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 40 fellows from across the country, some directly out of residency training and others mid-career. Our 1-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 Association Clinic at Children's of Alabama, and through partnerships with several community hospices.

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 Pediatric Palliative & Supportive Care team includes 4 physicians, 1 CRNP, and 1 Nurse Clinician.

OUR FELLOWS



Katie Briggs, MD



Susan Buckingham, MD
(Pediatric Track)



Carolyn Kezar, MD



Kate McKillip, MD

RESEARCH INTERESTS:

Fellows complete a project under the mentorship of faculty within the UAB Center for Palliative & Supportive Care and guided by a scholarship curriculum that covers topics such as designing a research question, IRB, abstracts & posters, and medical presentation and publication. Recent projects include:

- Goals of Care Training for Neurology Residents
- Buccal Midazolam for Seizures in Pediatric Hospice
- Evidence-Based Dyspnea Action Plan for Hospice
- Ethics of Physician Aid in Dying
- Subcutaneous Dosing of Antiepileptic Medications
- Rapid Review of Palliative Care in End-Stage Liver Disease
- Prognostication in Shunted Hydrocephalus
- Predictive Factors for Readmission after Hospice Discharge

FELLOWSHIP DIRECTOR



Michael D. Barnett, MD, MS, FAAP
Assistant Professor
Medicine & Pediatrics.

Residency: Combined Internal Medicine-Pediatrics, UAB

Fellowship: Hospice & Palliative Medicine, University of Pittsburgh

ASSOCIATE FELLOWSHIP DIRECTOR

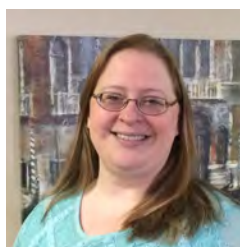


Heather L. Herrington, MD
Associate Professor
Medicine

Residency: Internal Medicine, University of Texas–Houston

Fellowship: Geriatric Medicine, Harvard Medical School

FELLOWSHIP COORDINATOR



Elizabeth McAlister

E: emcalister@uabmc.edu
P: 205.934.7972

We accept four fellows per year into the program, including one in our Pediatric track.

Please feel free to call us with additional questions.
We look forward to hearing from you!

HOSPITAL MEDICINE

The goal of the Pediatric Hospital Medicine (PHM) fellowship program is to prepare specialists in hospital medicine who will 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, 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; extension to a third year is possible for candidates who wish to pursue a graduate degree during fellowship. PHM fellows work with 13 academic pediatric hospitalists who are UAB Department of Pediatrics faculty.

OUR FELLOWS

Second Year Fellows:



Adolfo Molina, MD



Erinn Schmit, MD

First Year Fellows:



Lauren Wagner, DO



Karisa Grizzle, MD

RECENT DIVISION PUBLICATIONS

Lauren B. Nassetta, Nancy M. Tofil, Yong-il Kim, Samantha Eschborn, and Marjorie Lee White. Demonstrating Diagnostic Error in the Care of Simulated Pediatric Inpatients. [2016] 26: 623 .

Erinn O. Schmit, Claudette Poole, Franco Diaz, Cecelia Hutto. Group C and G Streptococcal Septic Shock in Two Pediatric Patients. Ann Pediatr Child Health. [2017]. 5(2): 1128.

Alon Peltz, Chang L. Wu, Marjorie Lee White, Karen M. Wilson, Scott A. Lorch, Cary Thurm, Matt Hall, Jay G. Berry. Characteristics of Rural Children Admitted to Pediatric Hospitals. Pediatrics. Apr 2016, e20153156; DOI: 10.1542/peds.2015-3156

SECTION ON TOBACCO CONTROL. Clinical Practice Policy to Protect Children From Tobacco, Nicotine, and Tobacco Smoke. Pediatrics. Oct 2015, peds.2015-3108; DOI: 10.1542/peds.2015-310

FELLOWSHIP DIRECTOR



Sridaran Narayanan, MD
Assistant Professor

Residency: Pediatrics, Rainbow Babies' and Children's Hospital, Cleveland OH
E: snarayanan@peds.uab.edu

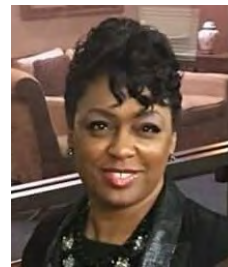
ASSOCIATE FELLOWSHIP DIRECTOR



Chang L. Wu, MD, MSCR
Assistant Professor

Residency and Fellowship: General Academic Pediatrics, Medical University of South Carolina
E: cwu@peds.uab.edu

FELLOWSHIP COORDINATOR



Gay Blair
E: gblair@peds.uab.edu
P: 205.638.9922

RESEARCH INTERESTS

- Impact of Academic Cohort Turnover on Pediatric Inpatient Outcomes
- Bronchiolitis and Asthma Clinical Pathways
- Inpatient Management of Unintentional Ingestions
- Asthma Controller Medication Compliance and Risk for Subsequent Hospitalization
- Honors Criteria in Medical Education Evaluations

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 Pediatric Residency Program at the UAB School of Medicine. The fellowship program provides trainees with a broad clinical experience and strong foundation in scholarly pursuits, including basic or clinical research, antimicrobial stewardship, infection control, and infectious diseases in the immunocompromised host. The program is flexible and is tailored to suit each individual's interests, previous experience, and future career goals. Our overall objective is to prepare fellows for a career in academic pediatric infectious diseases. Stated plainly, our fellows' success is our success. Our track record over many years 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



Claudette Poole, MD



Abdulsalam Alsulami, MD



Nazia Kabani, MD

(Dual Neonatology, Infectious Diseases Fellow)

Quotes from the fellows:

"UAB Peds ID faculty are wonderful to work with and also really great people. Mentorship is amazing. Opportunities for research abound.

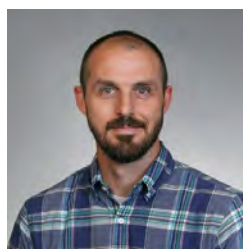
Collaborative relationships exist with the adult ID division and School of Public Health as well as other divisions within UAB Pediatrics." *Catherine Hough-Telford, MD*

2014-2016 fellow

"I chose to do infectious diseases fellowship here at UAB because I saw that the faculty were excellent teachers during my residency."

Aaron Grubbs, MD
2012-2016 fellow

FELLOWSHIP DIRECTOR



Scott James, MD
Assistant Professor

Residency: Pediatrics, University of South Florida

Fellowship: Pediatric Infectious Diseases, UAB

FELLOWSHIP COORDINATOR



Tracy Downey

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

RESEARCH INTERESTS:

The Pediatric Infectious Diseases Division at UAB 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.

- Pediatric HIV infection –pathogenesis, drug resistance, breast milk transmission, 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
- Viral Infections and Therapeutics–animal models for viral diseases, clinical trial methodology, host resistance to viral-induced diseases, viral assembly, and molecular epidemiology
- General Infectious Diseases–perinatal infections, *Streptococcus pneumoniae*, respiratory syncytial virus, varicella-zoster virus, antimicrobial stewardship, hospital epidemiology and infection control.

Recent Division Awards and Achievements

The Division houses the Central Office for the Collaborative Anti-viral Study Group (CASG), a multi-institutional research group which focuses on clinical trials of anti-viral drugs in both pediatric and adult populations.

Suresh Boppana, MD, was awarded the inaugural Congenital CMV Award at the 5th International Congenital CMV Conference in Brisbane, Australia, in April 2015.

David Kimberlin, MD, has been reappointed as Editor of the American Academy of Pediatrics' 2018 Red Book. He served as Editor of the recently published 2015 Red Book, and as Associate Editor for the 2012 and 2009 Red Books.

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, assisted ventilation, 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.

OUR FELLOWS



Samuel Gentle, MD



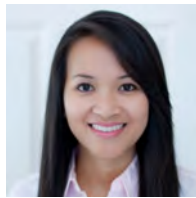
Christine Stoops, DO



Rachael Tindell, MD



Kalsang Dolma, MD



Thanh Summerlin, MD



Hansa Wongprasert, MD



Anisha Bhatia Attawala, MD



Andrew Klinger, MD



Sara Staples, MD



Cathrine Overaa, MD
Research Fellow



Nazia Kabani, MD
(Dual Neonatology, Infectious Diseases Fellow)

FELLOWSHIP DIRECTOR



Namasivayam Ambalavanan, MD
Professor of Pediatrics, Pathology, and Cell, Developmental, and Integrative Biology

Residency: Pediatrics, UAB
Fellowship: Neonatology Fellowship, UAB

ASSISTANT FELLOWSHIP COORDINATOR



Trent Tipple, MD
Associate Professor,

Residency: Pediatrics, Nationwide Children's Hospital
Fellowship: Neonatology, Nationwide Children's Hospital

FELLOWSHIP COORDINATOR



Veon Branch Chandler

E: vbchandler@peds.uab.edu
P: 205.996.5419

RESEARCH INTERESTS:

Faculty:

- Waldemar A. Carlo, MD: Global neonatal research (projects in Zambia and other developing countries) and Neonatal Clinical Trials as a center PI for the Neonatal Research Network.
- Namasivayam Ambalavanan, MD: Lung development and injury. PI of a research center in the LungMAP project.
- Trent Tipple, MD: Antioxidants and lung injury.
- Vivek Lal, MD: MicroRNA and lung injury; Lung microbiome in BPD
- Brian Sims MD, PhD: White matter injury in preterm infants
- George Ferzli, MD: Lung Assist Device; Ventilator induced lung injury
- Tamas Jilling, MD: Necrotizing enterocolitis
- Jegen Kandasamy, MD: Mitochondrial bioenergetics in preterm infants
- Ariel Salas, MD: Randomized clinical trials in neonatology

NEPHROLOGY

The Pediatric Nephrology Fellowship program at UAB has been in existence for over 20 years. We are housed in a Level 1 trauma center dedicated to the care of children. We accept 1 fellow per year who joins fellows from 17 other divisions. The first year of fellowship concentrates on clinical training with intensive research training occurring in the second and third years. Elective rotations consist of pathology, urology, and interventional nephrology. Available research collaborations across UAB encompass basic science, adult nephrology, and pediatric nephrology. Additional program training resources include the possibility of obtaining a Master's in Public Health, a State-of-the-Art Simulation Center located within our institution, the UAB Institute of Personalized Medicine, the UAB Comprehensive Transplant Institute, Health Disparities Research Center, and the Pediatric and Infant Center for Acute Nephrology (PICAN). Upon program completion, our fellows are prepared clinically in all aspects of Pediatric Nephrology.

OUR FELLOW

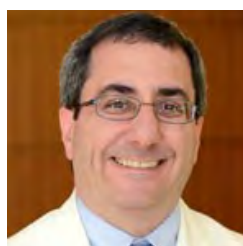


Megan Yanik, MD

"As a pediatric nephrology fellow at UAB and Children's of Alabama I have a wealth of opportunities and resources available to me, both for clinical learning and research development. The people that I am privileged to work with and learn from here, faculty and staff within the pediatric nephrology division, throughout Children's Hospital and at UAB, are one of the greatest assets."

Megan Yanik, MD

FELLOWSHIP DIRECTOR



Daniel Feig, MD, PhD, MS
Professor

Residency: Pediatrics, University of Washington

Fellowship: Pediatric Nephrology, Harvard University

FELLOWSHIP COORDINATOR



Jessica Williams Cobo

E: jcobo@peds.uab.edu

P: 205.638.6784

RESEARCH INTERESTS:

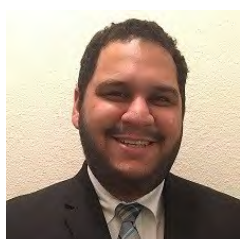
Research interests of the division are broad with participation in multi-center studies on drug discovery/pharmacokinetics, assessment, progression, and treatment of chronic kidney disease in children.

- Nephrotoxic Injury Negation by Just-in-time Action (NINJA)
- The Genetic Contribution to Drug Induced Renal Injury: The Drug Induced Renal Injury Consortium (DIRECT)
- Physiology of Early Essential Hypertension
- Genetics of Renal Cystic Disease
- Role of Vasculature in Chronic Kidney Transplant Dysfunction
- Prevention of Sickle Cell Nephropathy
- Pharmacogenomics of Immunosuppressives and Anti-Hypertensives (Personalized Medicine Initiative)

PULMONOLOGY

Our pediatric pulmonary training 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 5 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 inter-professional 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, MD

Residency: Pediatrics,
Driscoll Children's Hospital
Corpus Christi, TX



Where? [Children's of Alabama](#) - Birmingham, Alabama

What? To improve the health and well-being of our nation's children and youth, especially those with special health care needs.

How? Through graduate-level and post-doctoral training, patient and family care and education, research, consultation, and the provision of continuing education and technical assistance. By providing interdisciplinary leadership training to health care professionals, we equip them to improve the health of children with respiratory conditions through the provision of family-centered care and enable them to serve as change-agents, positively impacting health care systems across America and beyond.

Learn more at: <https://www.uab.edu/medicine/peds/ppc>

RESEARCH NEWS



Our UAB CFFT Therapeutic Development Network Translational Research Center operates out of the Children's of Alabama CHRU. We currently have over 50 active basic science, translational and clinical research protocols.

FELLOWSHIP DIRECTOR



Wynton Hoover, MD
Associate Professor

Medical School: LSUHSC New Orleans, LA
Residency: Pediatrics, University of Florida
Pensacola, FL

Fellowship: Pediatric Pulmonary, Indiana
University Indianapolis, IN

FELLOWSHIP COORDINATOR



Leslie Jones

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

CURRENT GRANTS

Hector Gutierrez (Ped - Pulmonary) *Cystic Fibrosis Screening for Newborn Infants ALABAMA DEPARTMENT OF PUBLIC HEALTH*. \$38,000. 10/01/2016 - 09/30/2017.

Wynton Hoover (Ped - Pulmonary) *Pediatric Physical Therapist Award Cystic Fibrosis Foundation*. \$30,000. 11/01/2016 - 10/31/2017.

Robert Troxler (Ped - Pulmonary) *SANTHERA PHARMACEUTICALS LIMITED (SWITZERLAND)*. \$60,495. 12/16/2016 - 12/15/2019

Isabel Virella-Lowell (Ped - Pulmonary) *TDN PI Protected Effort Cystic Fibrosis Foundation*. \$8,052. 01/01/2017 - 12/31/2017.

Robert Troxler (Ped-Pulmonary) UAB Pediatric Pulmonary Center. PPC 07/01/2016-06/30/2017.

Please visit the link below for a complete list of
Pediatric Pulmonary Faculty
<https://www.uab.edu/medicine/peds/pulmonary>

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 5 board certified pediatric rheumatologists with 3 nurse practitioners, making it the largest program in the southeastern United States. A generous donation/endowment allows us to accept 1 fellow every 3 years, but we are flexible to add more. 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 (2 of the 3 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 have a 100% pass rate (1 for 1) for first time board takers, and our first fellow is now one of our faculty. Explore more about our program at: <http://www.uab.edu/medicine/peds/rheum>

OUR FELLOWS



Lauren "Beth" Shipman, MD
3rd year fellow



Courtney Crayne, MD
2nd year fellow

"I was fortunate to be the first fellow in this program with the ability to make these 3 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, MD
1st Pediatric Rheumatology fellow



FELLOWSHIP DIRECTOR



Randy Q. Cron, MD, PhD
Professor
Arthritis Foundation Endowed Chair
Director of Rheumatology

Residency: Pediatrics, Stanford University
Fellowship: Pediatric Rheumatology, University of Washington

FELLOWSHIP COORDINATOR



Scott DeFreese
E: sdefreese@peds.uab.edu
P: 205.934.1180

FACULTY RESEARCH INTERESTS:

- Diagnosis, Genetics, Pathophysiology, and Treatment of Macrophage Activation Syndrome (MAS)
- Diagnosis and Treatment of Inflammatory Temporomandibular Joint (TMJ) Arthritis in Childhood Rheumatic Diseases
- Gut Microbiota 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 Lymphocytes and Macrophages
- Use of Ultrasonography to Clinically Monitor Linear Scleroderma and Morphea

SLEEP MEDICINE

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 and at the UAB Highlands Sleep Disorder Center. 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 center is an 9 bed facility and performs over 1500 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 pediatric 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, inpatient consults and sleep testing for adults with a wide variety of sleep disorders. The center has a long history of clinical excellence, productive research and training sleep medicine fellows.

CURRENT SLEEP MEDICINE FACULTY

Amy Amara, MD, PhD

Assistant Professor, Division of Adult Neurology
Board Certified in Neurology & Sleep Medicine

David Calhoun, MD

Associate Professor, Division of Cardiovascular Disease
Board Certified in Pulmonary & Sleep Medicine

Jennifer DeWolfe, DO

Assistant Professor, Division of Adult Neurology
Board Certified in Sleep Medicine

Susan Harding, MD

Professor, Division of Pulmonary, Allergy & Critical Care
Board Certified in Sleep Medicine

Krisztina Harsanyi, M.D.

Assistant professor
Division of Neurology
Board Certified in Neurology with Special Qualification in Child Neurology, and in Sleep Medicine.

Jeffrey W. Hawkins, MD

Clinical Assistant Professor of Medicine, Division of Pulmonary, Allergy & Critical Care
Board Certified in Pulmonary & Sleep Medicine

Mary Halsey Maddox, MD

Assistant Professor, Division of Pediatric Pulmonary & Sleep Medicine, Board Certified in Sleep Medicine

Patricia Patterson, MD

Associate Professor, Division of Pulmonary, Allergy & Critical Care
Board Certified in Sleep Medicine

Brad Troxler, MD

Assistant Professor, Division of Pediatric Pulmonary & Sleep Medicine Board Certified in Pulmonary & Sleep Medicine

CURRENT GRANTS

Amy Amara, MD, PhD, Neurology, received a K23 Grant on The Effect of Low Frequency STN DBS on Sleep and Vigilance in PD Patients.

David Calhoun, MD, Cardiovascular Disease, received an NIH/NHLBI Grant for Mechanisms of Refractory Hypertension for five years.

INTERIM FELLOWSHIP DIRECTOR



Krisztina Harsanyi-Jilling, MD
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



ACKNOWLEDGEMENT

PHOTOGRAPHY

All photography included is courtesy of Children's of Alabama, UAB School of Medicine, The Greater Birmingham Convention and Visitors Bureau, and Scout Branding.

CONTENT

Many thanks to all Fellowship Directors and Coordinators for their contributions to this booklet. Special thanks goes out to the Fellowship Marketing Committee.

OTHER

US Template Map courtesy of
www.presentationmagazine.com



BIRMINGHAM WORD SEARCH

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ADVOCACY

ALABAMA

AVONDALE

BARONS

BLAZERS

BREWERY

CAREER

CRESTWOOD

EDUCATION

FIVE POINTS

HEART OF DIXIE

HOSPITAL

HOUSE STAFF

INTERNS

LAKEVIEW

MAGIC CITY

MEDICINE

PEDIATRICS

PEPPER PLACE

RAILROAD

RESEARCH

RESIDENCY

SIMULATIONS

UPTOWN

VULCAN

2017-2018

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Email: rhandler@peds.uab.edu



Children's
of Alabama®