



Our Department: Moving Medicine Forward Together

Seth Landefeld, MD, Professor and Chair

UAB Department of Medicine

February 10, 2021



February 2020... Spring in Birmingham!

We will make our Department
the best place in the country to
practice academic medicine!

Understanding 2020: An Artistic Framework

Artist Jacob Lawrence

*Struggle: From the
History of the American
People* (1954-56)

Depicts our “constant search
for the perfect society
in which to live”



Jacob Lawrence in his studio. 1989. Photo by George Rose/Getty Images.



Prophecy

Is life so dear
or peace so sweet
as to be purchased
at the price of chains
and slavery?

Patrick Henry
1775 Virginia Convention

Artist: Jacob Lawrence
Photograph: Bob Packert/PEM



Siege

The summer soldier
and the sunshine
patriot, will in this
crisis, shrink from the
service of his
country.

Thomas Paine
1776

Artist: Jacob Lawrence
Photograph: Bob Packert/PEM



Massacre in Boston

Artist: Jacob Lawrence
Photograph: Bob Packert/PEM



The Raid on Washington

Of the Senate House,
the President's Palace,
the barracks, the
dockyard...nothing
could be seen except
heaps of smoking
ruins...

British officer
1814

Artist: Jacob Lawrence
Photograph: Bob Packert/PEM

Our Core Values Guide Us

Own It

Accountability
Stewardship

Work Together

Collaboration



Do Right

Excellence
Integrity

Always Care

Respect
Diversity/Inclusion

“

Together

”

as a Department of Medicine

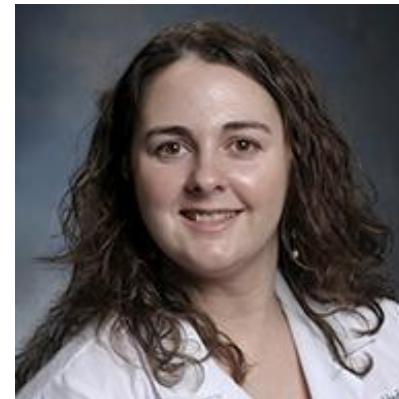
MICU: Faculty, Fellows, APPs, Nurses



Steve Stigler
PACCM



Jim Johnson
PACCM



Tracey Luckhardt
PACCM



Mark Dransfield
PACCM

plus teams of consultants, respiratory therapists, EVS, and many others

Music for MICU Patients

- Alabama Symphony Orchestra musicians gave virtual concerts for COVID-19 patients
- Anand Iyer, MD, MSPH
- Valerie Labb  , manager of UAB Acute Care Therapy
- Wesley Hyde, MT-BC, and Hannah Oakes, MT-BC, musical therapists

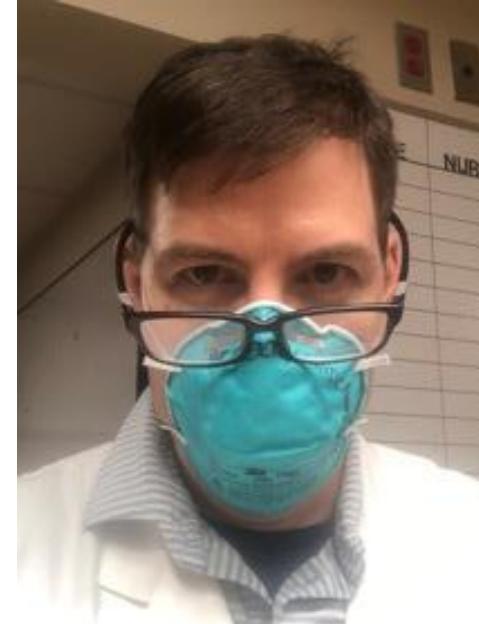


COVID Clinics

- COVID-19 Respiratory Clinic
- Post COVID Treatment Program
- COVID Infusion Clinic

Physician Leaders

- Turner Overton, MD
- Sonya Heath, MD
- Mike Saag, MD



Acute Hospital Care



**Elizabeth
Turnipseed, MD, MSPH**

**Assoc. Professor &
VC Clinical Programs**



**Lisa
Willett, MD, MACM**

**Professor &
VC Education**





Ambulatory Care

- **2019 Wallace's Law:**
Telehealth doubles every 16 months
- **2020 Wallace's Law:**
Telehealth is our “New Normal”

In-Person & Remote Visits

- Eric Wallace, MD
- Gaurav Jain, MD
- Lauryn Schultz, MSHA, MBA

We Took Care of Our Community

- 112 Testing Sites across the community
 - Anitra Baylor
 - Bill Curry, MD
 - Mona Fouad, MD, MPH
 - Jordan DeMoss
- Nursing Home Units in Hoover and Talladega
 - Kellie Flood, MD



COVID Control and Communication

- Employee Health
 - Rachael Lee, MD
 - Starr Steinhilber, MD
 - Sonya Heath, MD
- Communication
 - Jeanne Marrazzo, MD, MPH
 - Jodie Dionne-Odom, MD
 - Latesha Eloppe, MD, MSPH
 - Molly Fleece Thieman, MD
 - Mike Saag, MD



Teaching Zoomed

- First COVID-19 panel discussion on March 31
- Nine Grand Rounds on COVID
 - Vera Bittner
 - Paul Goepfert
 - Bill Curry, Mona Fouad
 - Stephen Russell, KeAndrea Titer
 - Ashita Tolwani
 - Brendan McGuire
 - Ali Ahmed
 - Cynthia Brown, Eric Wallace



UAB Department of Medicine MGR January 6, 2021

"The Rapid Development of Effective COVID-19 Vaccines" by Paul Goepfert, MD. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR June 24, 2020

"COVID-19 Community Testing" by Bill Curry, MD and Mona Fouad, MD, MPH. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR June 17, 2020

"National Conversations (and Controversies) in Medical Education" by Craig Hoesley, MD and others. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR May 27, 2020

"Medical Education and COVID-19: The GEL Study Pre and Post COVID" by Drs. Stephen Russell and Brian Gerstberg. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR May 20, 2020

"Managing Acute Kidney Injury in COVID-19 Patients" by Dr. Ashita Tolwani. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR May 13, 2020

"COVID-19: Impact on the Cardiovascular System" by Dr. Vera Bittner. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR, May 6, 2020

"The Liver and COVID-19: Implications for Care" by Dr. Brendan McGuire. UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR, May 6, 2020

"GI and COVID-19: Implications for Care" by Dr. Ali Ahmed. A UAB Department of Medicine Grand Rounds presentation.



UAB Department of Medicine MGR April 29, 2020

"Physician engagement, patient engagement, and technology: the new normal?" by Drs. Cynthia Brown and Eric Wallace. A UAB Department of Medicine Grand Rounds presentation.

Research in the Time of COVID

- Keep Researchers Safe
 - Cindy Joiner, PhD
 - Jeff Bridges
- Grants, Grants, Grants
- Community Based & Lab Research
- 179 Clinical Trials



Nathan Erdmann
Inpatient



Bobbie Van Der Pol
Diagnostics



James Willig
Informatics



Paul Goepfert
Vaccine





Supporting Each Other

We relocated to new space, and plugged into our mission remotely.

- Division Staff & Administrators
- HR Teams
- Finance Personnel
- Communications
- DOM-IT

“

Together

”

As a Community



Systemic Racism



Creation

We, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquility...

- $\frac{3}{5}$ Compromise
- Return of fugitive slaves
- Import of slaves

Artist: Jacob Lawrence

Photograph: Bob Packert/PEM

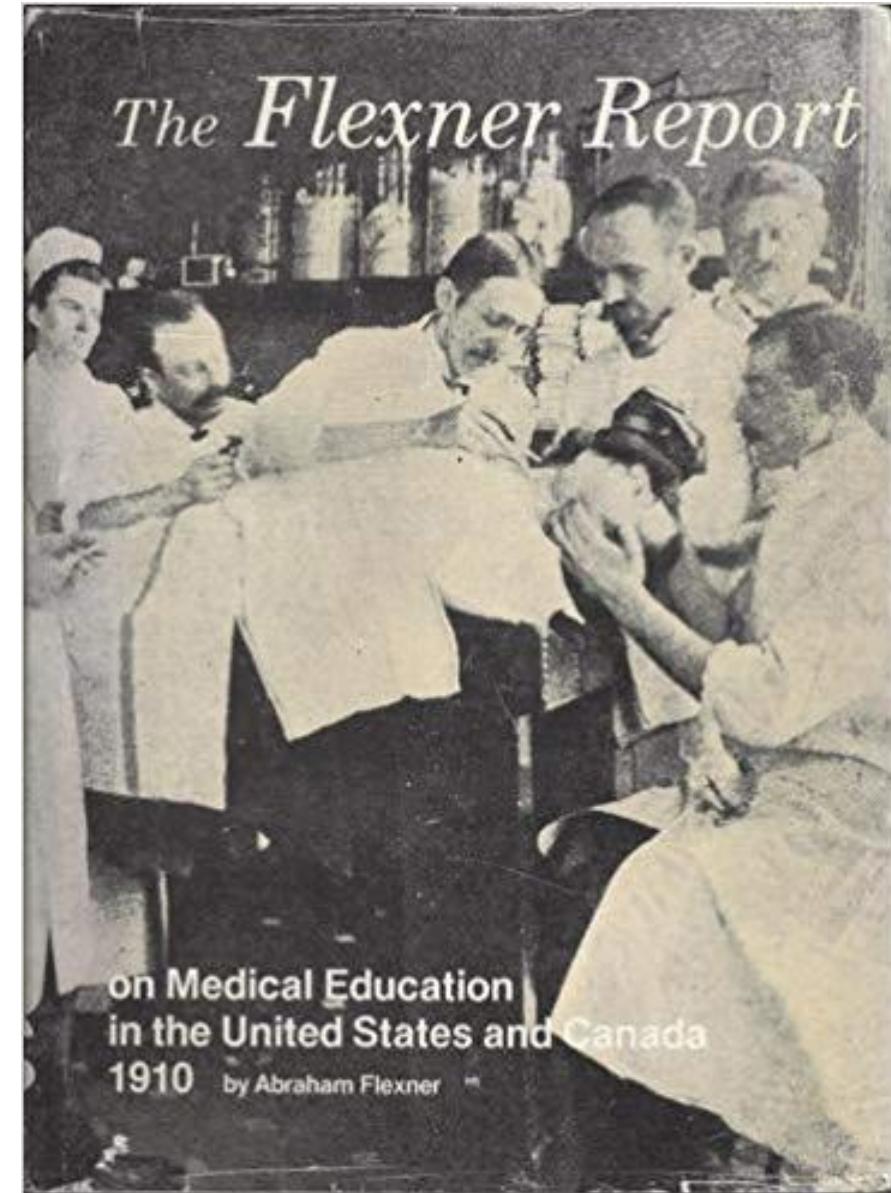


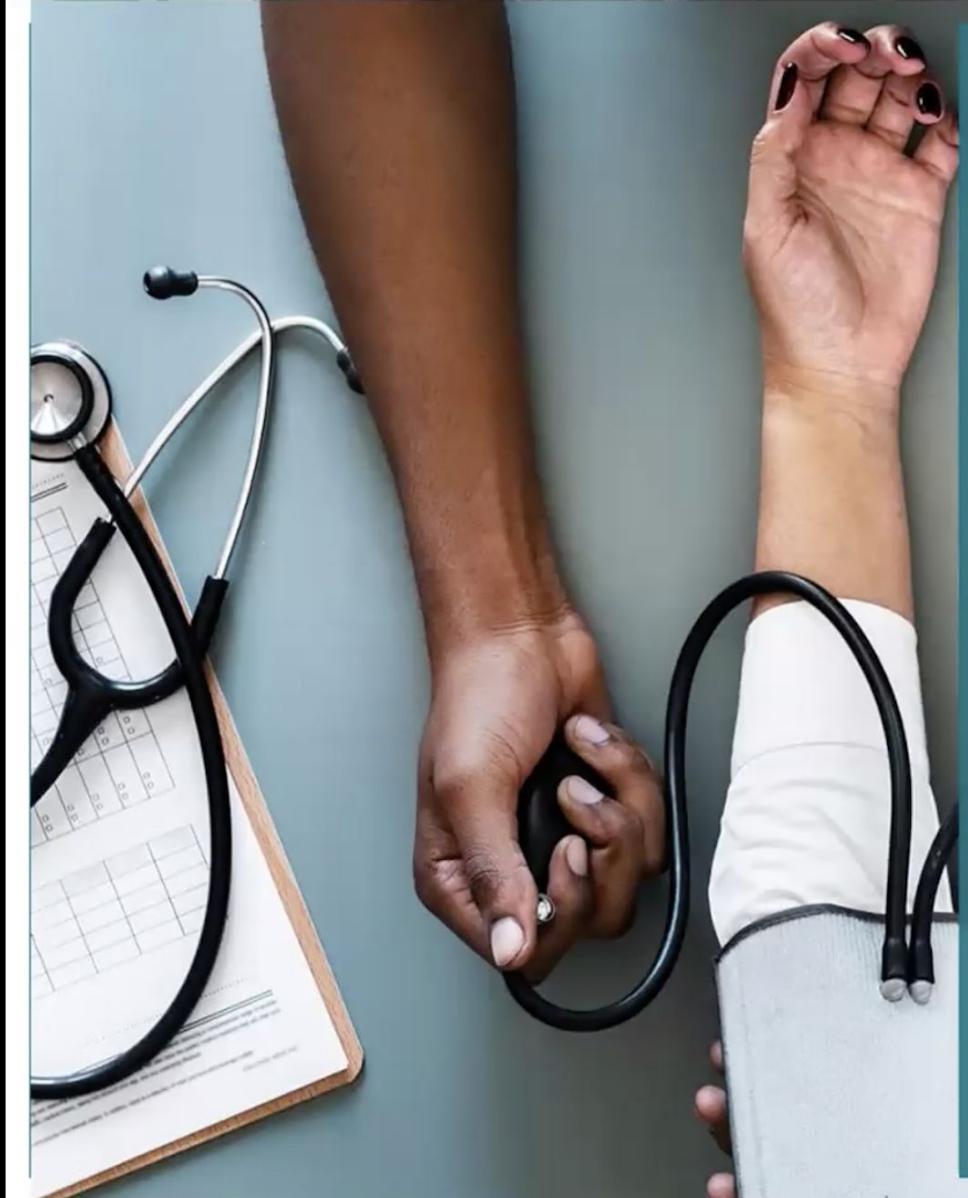
June 5, 2020

Systemic Racism in Medical Education

Flexner Report (1910)

- closure of most medical schools for Blacks and for women
- fewer Black physicians and women physicians
- 2020: AAMC renamed its Abraham Flexner Award to AAMC Award for Excellence in Medical Education





The Case of Systemic Racism in Medicine: Diagnosis, Treatment, Prognosis

Monica L. Baskin, PhD
Professor of Preventive Medicine
Vice Chair for Culture and Diversity
Department of Medicine



Monica Baskin



DOM Working Group on Systemic Racism

Nilu Agarwal	Tanja Dudenbostel	John Kennedy	Steffanie Sabbaj
Agee Baldwin	Deborah Ejem	Nitasha Khullar	Shirley Selvage
Joseph Barney	Ronit Elk	Seema Kumar	Jasvinder Singh
Kurt Blake	Latesha Eloppe	Kathryn Lea	Kalaivani Sivakumar
Megann Cain	Shyla Fields	Claretha Lyas	Ryan Taylor
Zenoria Causey Pruitt	Angelo Gaffo	Myla Marshall	Swaroop Vitta
Andrea Cherrington	Gustavo Heudebert	Trisha Parekh	Carolyn Walsh
Devika Das	Edward Jackson	Mariel Parman	Stephanie Carroll
Jane Davis	Lisa Jackson	Sara Pereira	Sharonda Hardy
Brittani DeLoach	Waltina Josephat	Kelly Ross-Davis	

Report of the Working Group, September 2020

21 Strategies, with 7 Top Priorities:

Done

- Disseminate DOM Residency Best Practices for Recruitment
- Post All Positions Before Hiring
- Standardize Interview and Selection Process

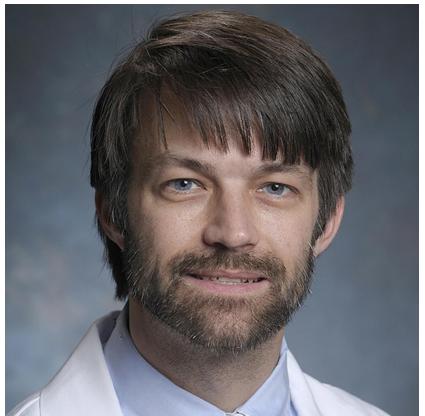
To Do

- Cultural Sensitivity Courses
- Diversity, Equity, and Inclusion Education
- Annual Anti-racist Training for Supervisors
- Procedures: What to Do When Discrimination Happens



DOM: Facts and Figures

10 Faculty Promoted to Professor



Joseph Barney, MD
PACCM



Luciano Costa, MD
Hematology/Oncology



Harish Doppalapudi, MD
CVD



Kellie Flood, MD
GGPC



Shawn Galin, PhD
PACCM



Fadi Hage, MD
CVD



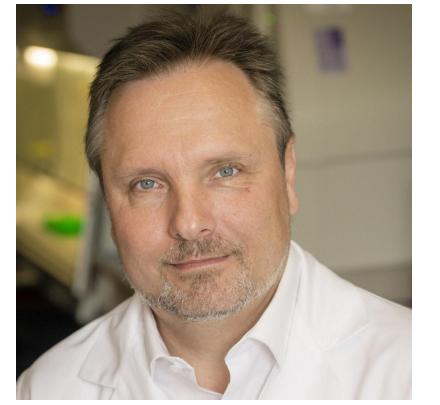
Young-il Kim, PhD
DOPM



Donna Porter, PhD
Infectious Diseases

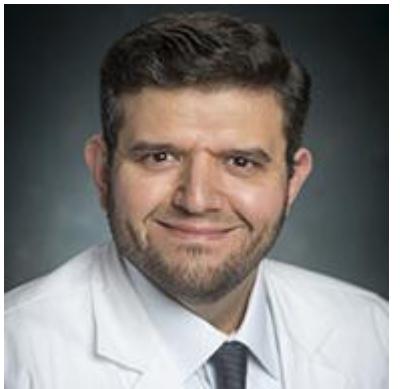


Sethu Palaniappan, PhD
CVD



Jaroslaw Zmijewski, PhD
PACCM

22 Faculty Promoted to Associate Professor



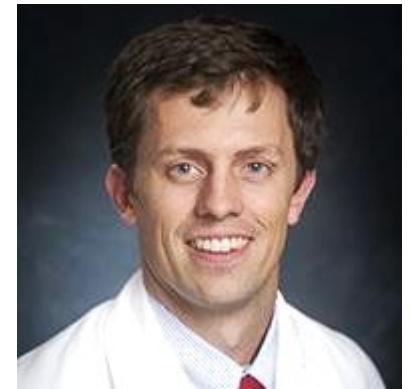
Firas Al Solaiman, MD
CVD



Garima Arora, MD
CVD



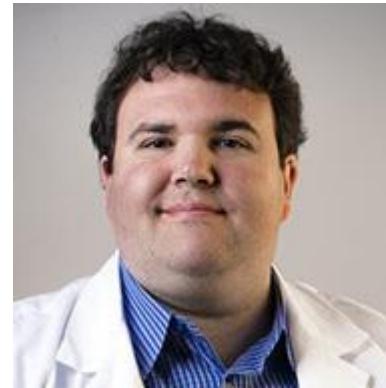
Erin Contratto, MD
GIM



Winter Williams, MD
GIM



Tiffany Carson, PhD
DOPM



Marty Solomon, MD
PACCM

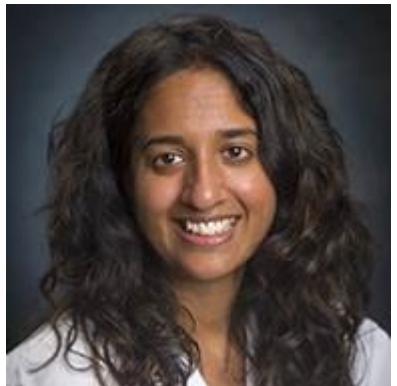


Hitesh Batra, MD
PACCM



Vamsee Raju, PhD
PACCM

22 New Associate Professors



Anoma Nellore, MD
Infectious Diseases



Michael Vinikoor, MD
Infectious Diseases



Jodie Dionne-Odom, MD
Infectious Diseases



Amanda Willig, PhD
Infectious Diseases



Gabrielle Rocque, MD
Hematology/Oncology



Amitkumar Mehta, MD
Hematology/Oncology



Rita Paschal, MD
Hematology/Oncology

22 New Associate Professors



Gaurav Agarwal, MD
Nephrology



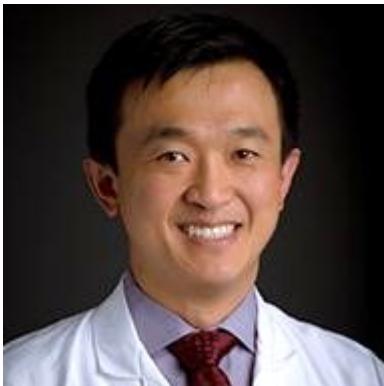
Takamitsu Saigusa, MD
Nephrology



Eric Judd, MD
Nephrology



Graham Towns, MD
Nephrology



Song Ong, MD
Nephrology



Chad Burski, MD
Gi/Hep



Marianthe Grammas, MD
GGPC

Composition of Our Faculty: Gender

Gender		Hired FY20	2019
Women	%	42%	37%
Men	%	58%	63%

2020: Women are 37% of Faculty in US DOMs

Composition of Our Faculty: Race/Ethnicity

Race	Hired FY20	2019
Black or African American	9%	5%
Hispanic or Latinx	2%	5%
Asian	40%	30%
White	49%	60%

2020: Black/African American and Hispanic/Latinx Faculty are 3.7% and 6%, respectively, of Faculty in US DOMs

Salary Above AAMC Median

Faculty	Men (n=272)	Women (n=151)
All Faculty	61%	56%
Assistant Professors	51%	51%
Associate Professors	82%	61%
Professors	59%	64%

7 Specialties Ranked Highly by US News & World Report

- Cancer – 25
- Cardiology – 24
- GI – High Performing
- Geriatrics – 49
- Nephrology – 29
- Pulmonary – 25
- Rheumatology – 10



226 Residents & Fellows in 16 ACGME Programs



Internal Medicine
Medicine/Pediatrics
Cardiology
-Advanced Heart Failure
-Electrophysiology
-Interventional
Endocrinology
Gastroenterology

Geriatrics
Hematology/Oncology
Infectious Diseases
Nephrology
Palliative Care
Pulmonary/Critical Care
Rheumatology
Transplant Hepatology

101 Research Scholars Train in DOM



51

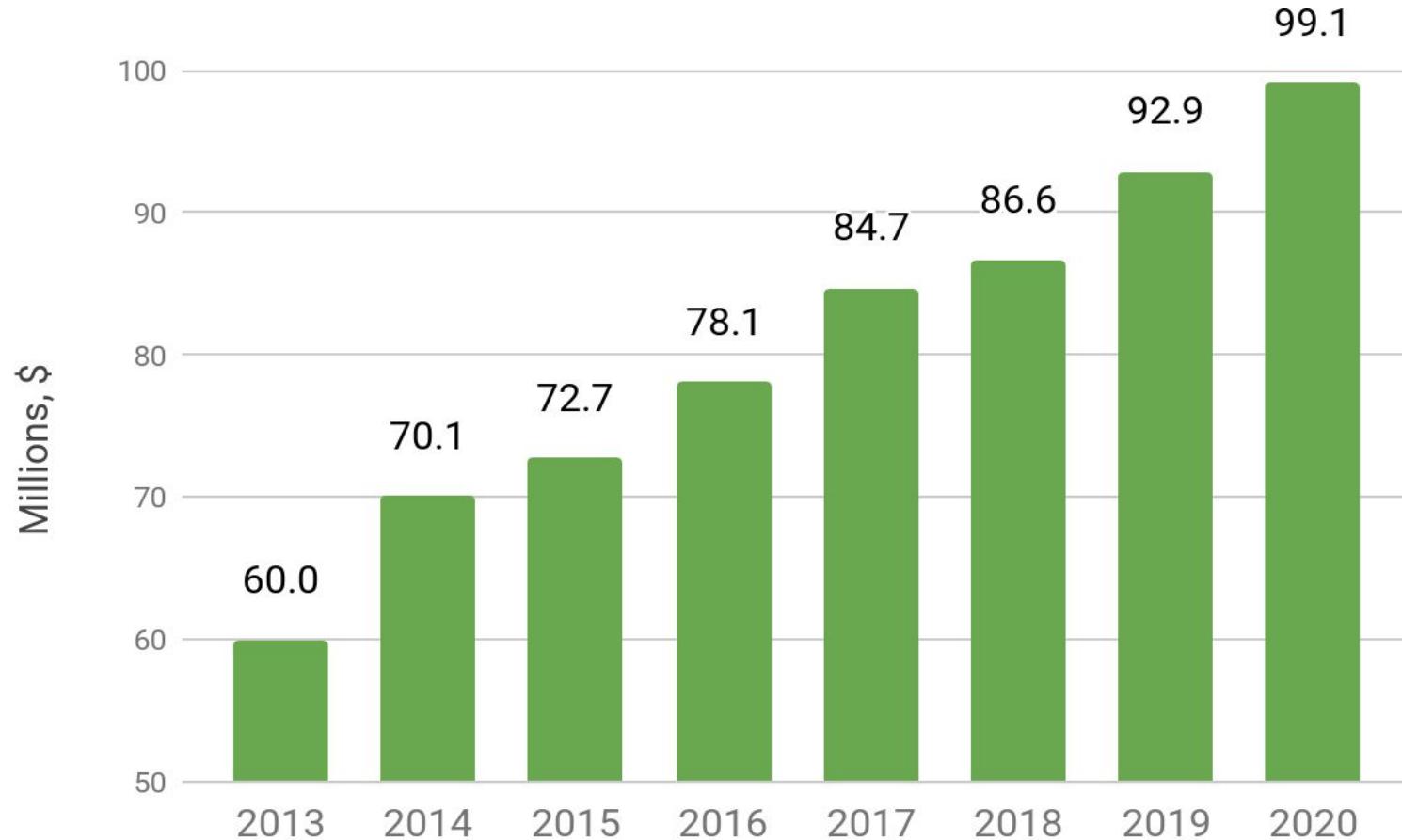
Graduate Students
(27% of Total SOM)



50

Post-Docs
(18% of Total SOM)

NIH Funding Continues to Grow





NIH Superfund Research Center

Impact of Airborne Heavy Metals on
Lung Disease and the Environment



Veena Antony, MD
Professor of Medicine
Endowed Professor in
Environmental Medicine

Image: Bhamwiki by LeRoy Woodson, EPA "Documerica" program



> 1,000 Discoveries

Apolipoprotein L1 Variants Increase Risk for Sepsis and Nephropathy among People of African Descent



Orlando Gutierrez, MD
Professor of Medicine
Hilda B. Anderson Endowed Chair in Nephrology

DOM Research Awards Program

- July 1, 2021
- Research-Intensive Faculty who PI NIH grants and have >70% effort funded
- Effort funded above 70%. Research Development Funds



9 Endowed Chairs and Professorships



**Mona Fouad, MD, MPH
DOPM**

Edward E. Partridge,
MD, Endowed Chair for
Cancer Disparities
Research



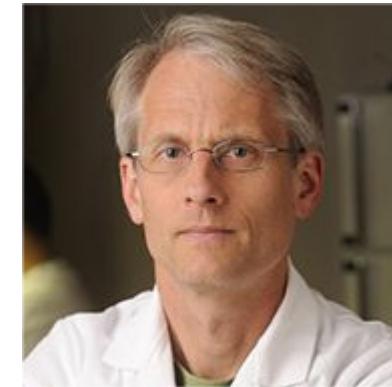
**Barry Sleckman, MD, PhD
Hematology/Oncology**

Evalina B. Spencer
Chair in Oncology



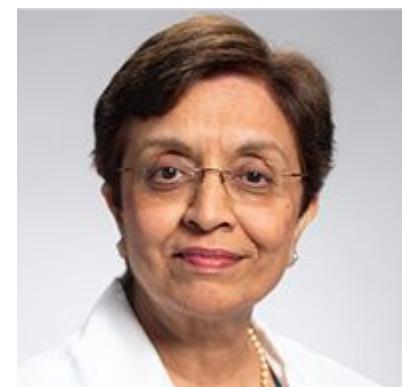
**Olaf Kutsch, PhD
Infectious Diseases**

Michael S. Saag, MD,
Endowed
Professorship in
Infectious Diseases



**Paul Goepfert, MD
Infectious Diseases**

Edward W. Hook, III,
MD, Endowed
Professorship in
Infectious Diseases



**Veena Antony, MD
PACCM**

Endowed
Professorship in
Environmental
Medicine

9 Endowed Chairs and Professorships



Jason Morris, MD
GIM

Gustavo R. Heudebert,
MD, MACP, Endowed
Professorship in
General Internal
Medicine



Gaurav Jain, MD
Nephrology

Anderson Family
Endowed
Professorship in
Nephrology



Jennifer Pollock, PhD
Nephrology

Endowed
Professorship in
Nephrology



Ashita Tolwani, MD
Nephrology

DCI Edwin A. Rutsky,
MD, Distinguished
Endowed Chair



Leaders Develop in DOM



UAB President's Award for Excellence in Teaching

Nick Van Wagoner, MD, PhD

- Professor of Medicine, ID
- Associate Dean for Students

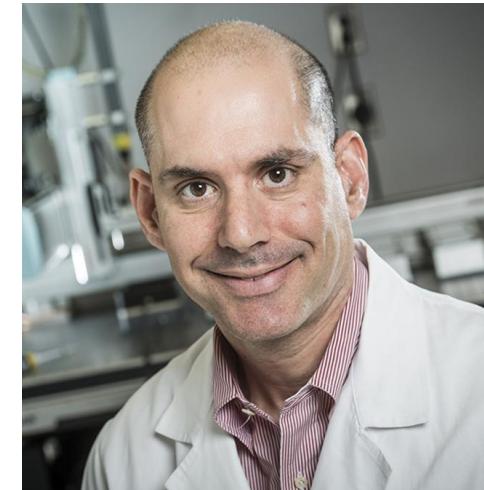
National Honorary Societies



Amit Gaggar, MD, PhD

PACCM

American Society for Clinical Investigation



Steve Rowe, MD, MPH

PACCM

Association of American Physicians



Chief of the Medical Staff

- Elizabeth Turnipseed, MD, MSPH
- Associate Professor, Division of General Internal Medicine
- Vice Chair for Clinical Programs

5 Faculty Lead National Professional Societies



Anupam Agarwal, MD
President

American Society of
Nephrology



Monica Baskin, PhD
President

Society of Behavioral
Medicine



Ken Saag, MD, MSc
President-Elect

American College of
Rheumatology



Rodney Tucker, MD, MMM
President

American Academy of
Hospice and Palliative
Medicine



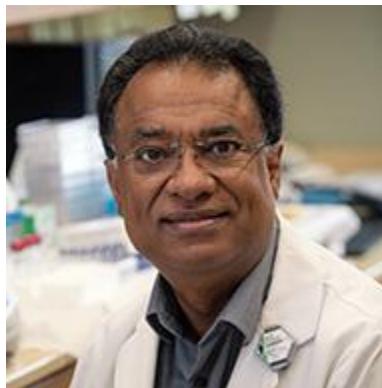
Jennifer Pollock, PhD
President-Elect

American Physiological
Society

Rising Stars



Cynthia Brown, MD, MSPH
DOM Chair - LSU



Victor Thannickal, MD
DOM Chair - Tulane



Lou Bridges, MD, PhD
DOM Chair - Hospital for Special Surgery



Alex Boles
SOM Assistant Dean for Finance
and Administration



Ryan Outman
Executive Administrator,
Family Medicine



Rachelle Hall
Director of Finance
SOM/HSF Shared Financial Services



DOM 2025

**Our Mission: To advance the health
and well-being of society**



Wagon West

Old America seems
to be breaking up and
moving Westward...

Morris Birkbeck
1817

Artist: Jacob Lawrence
Photograph: Bob Packert/PEM

Vision for 2025

Three Targets:

1. Disease
2. Systemic Racism
3. Wellness





Fight Disease

- Eliminate COVID
 - Eliminate Health Disparities:
Reduce Deaths from CVD, Cancer,
and Diabetes
 - Reduce Smoking by 50%
 - Reduce Overdose Deaths by 50%



Fight Systemic Racism

- Implement our Working Group recommendations, & Go Beyond
- Residents and fellows reflect Alabama's population, 32% URiM
- New faculty reflect Alabama's population, 32% URiM

Live Well

- UAB is “the place to be” for all staff, trainees, and faculty
- All feel healthy, well, and cared for
- Our families benefit:
 - remote work
 - flexible scheduling
 - childcare





February 2021... A New Spring

When day comes we step
out of the shade,
Aflame and unafraid,
The new dawn blooms as we free it.
For there is always light,
If only we're brave enough to see it.
If only we're brave enough to be it.

– Amanda Gorman, *The Hill We Climb*

