

Our Department Story

Seth Landefeld, MD, MACP, Professor and Chair

UAB Department of Medicine | @UABDeptMed on Twitter & Facebook

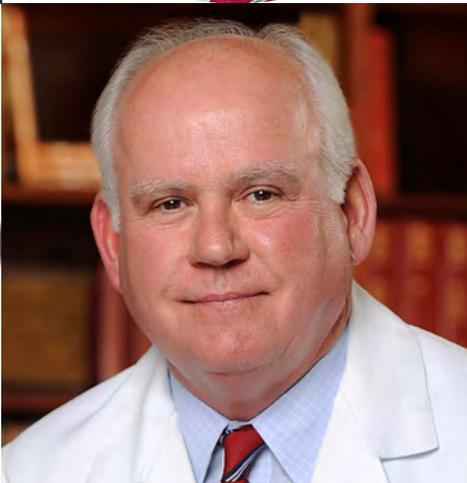
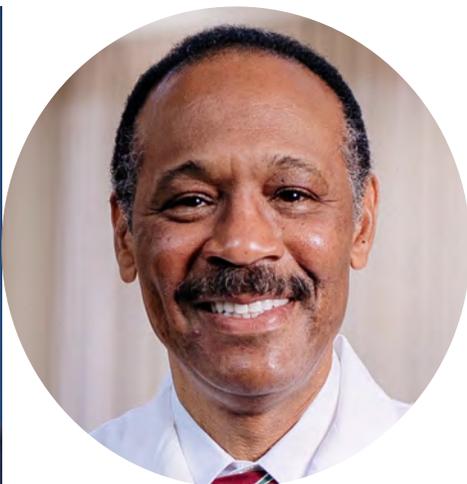
February 9, 2022

Our Mission

**To improve the health and well-being of society,
especially the citizens of Alabama, and to achieve
excellence in the education of physicians and scientists**

UAB MEDICINE

UAB HEERSINK
SCHOOL OF MEDICINE



Let's do this.

Together.

#UABUNITED



Our Core Values

Work Together
Always Care
Do Right
Own It

Our Tripartite Aims

Education
Research
Patient Care

WORK TOGETHER
**COVID Care
& Research**



WORK TOGETHER

Pulmonary Embolism Response Team

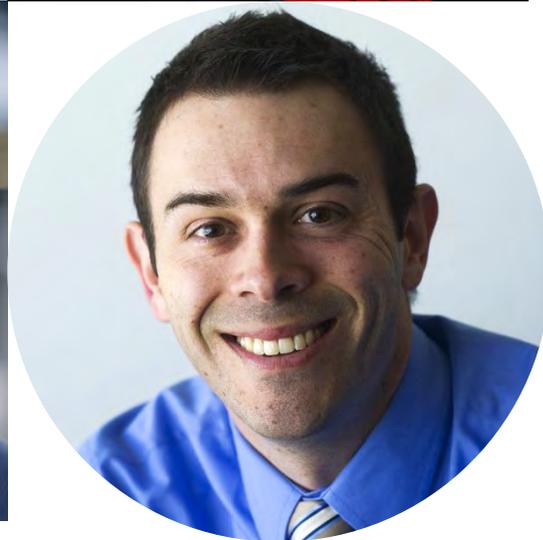
Multidisciplinary collaboration initiated in 2018

- Sam McElwee, MD, Cardiology
- Keith Wille, MD, Pulmonary

More than 340 patients treated

Seen on right: Patient Amanda Pullen-Hendrix with Sarah Pullen





WORK TOGETHER

Deep South Center to Reduce Disparities in Chronic Diseases

\$22M NIH grant to study chronic diseases in real world settings across Alabama, Mississippi, and Louisiana.

Andrea Cherrington, MD; Monica Baskin, PhD; Orlando Gutiérrez, MD, MMsc; Gareth Dutton, PhD



ALWAYS CARE

New Gene Therapy May Cure Sickle Cell Disease

Julie Kanter, MD:

“Biologic and Clinical Efficacy of
LentiGlobin for Sickle Cell Disease”

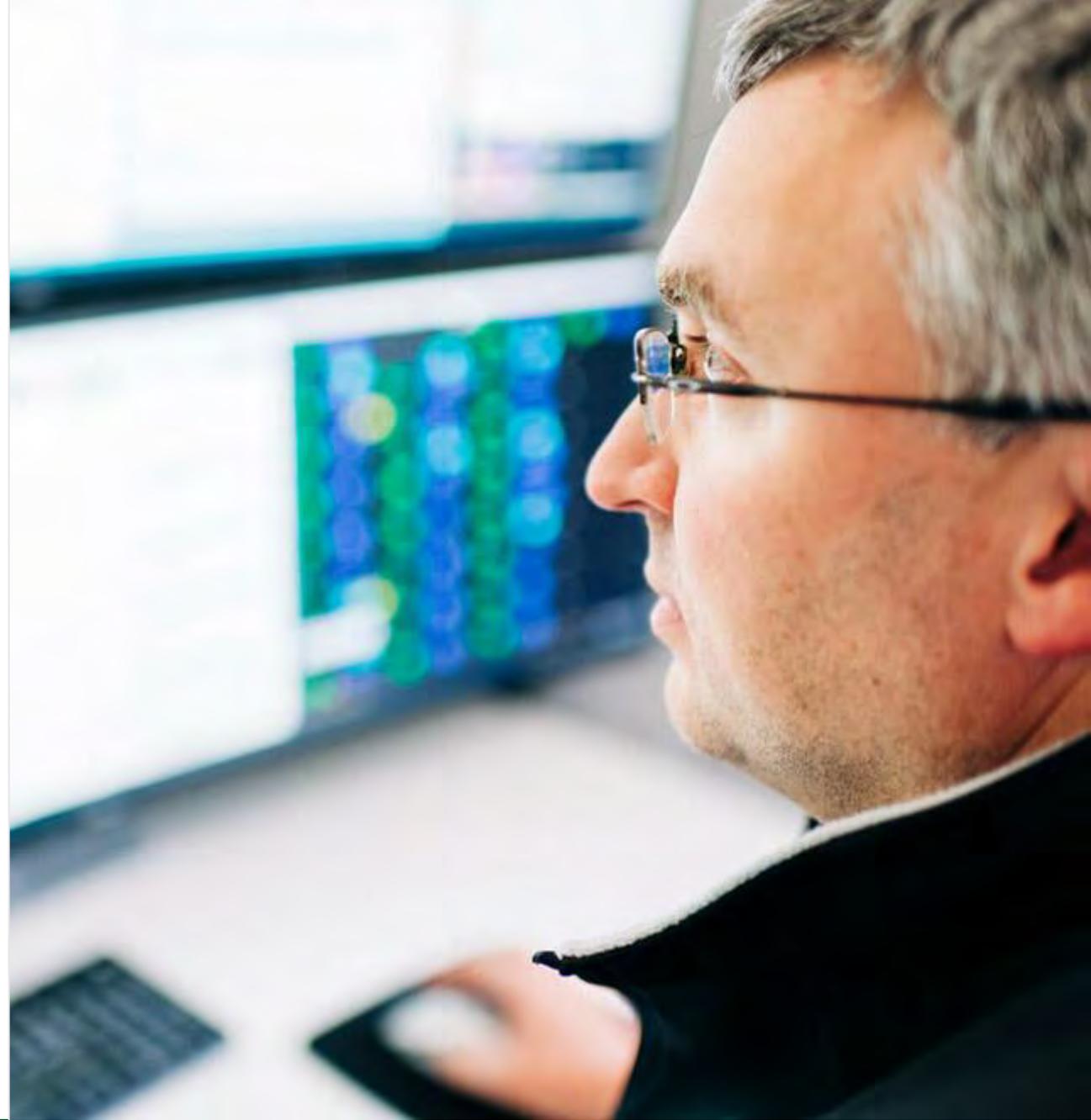
New England Journal of Medicine
December 12, 2021

Clinical trial patient Anissa Gunn

ALWAYS CARE

Medical Intensive Care Unit

- Save lives of critically ill patients
- Tele-ICU: 7 rural hospitals in Alabama
- Care for “Second Victims”





ALWAYS CARE
Cooper Green MOD Clinic



DO RIGHT

UAB Task Force: Should Race be Considered in Kidney Function Measurement?

- Orlando Gutiérrez, MD, MMSc, and Clare Lyas, MD, MPH, Co-chairs
- Race has been included in the equation used to estimate glomerular filtration rate
- Recommended adoption of modified CKD-EPI equation without race
- UAB Lab Medicine will implement this spring



DO RIGHT

Closing the Divide: Building Trust by Addressing Bias

Recognize and respond to
unprofessional & inappropriate behavior

Video curriculum

Available free online

*KeAndrea Titer, MD
and Karla Williams, MD*

DO RIGHT

Gender Health Clinic

Brings together all specialists for one-stop gender-affirming care:

- Endocrinologists
- ID specialists
- Physicians in Urology, Plastic Surgery, Gynecology, ENT/Audiology, and Psychiatry

Krishmita Siwakoti, MD
Medical Director







OWN IT

Faculty Compensation

- Fair and Competitive
 - 55% of salaries above AAMC median
 - 52% for women, 58% for men
- Transparent
- Review and refine
- Cardiology and Pulmonary revised their clinical comp plans

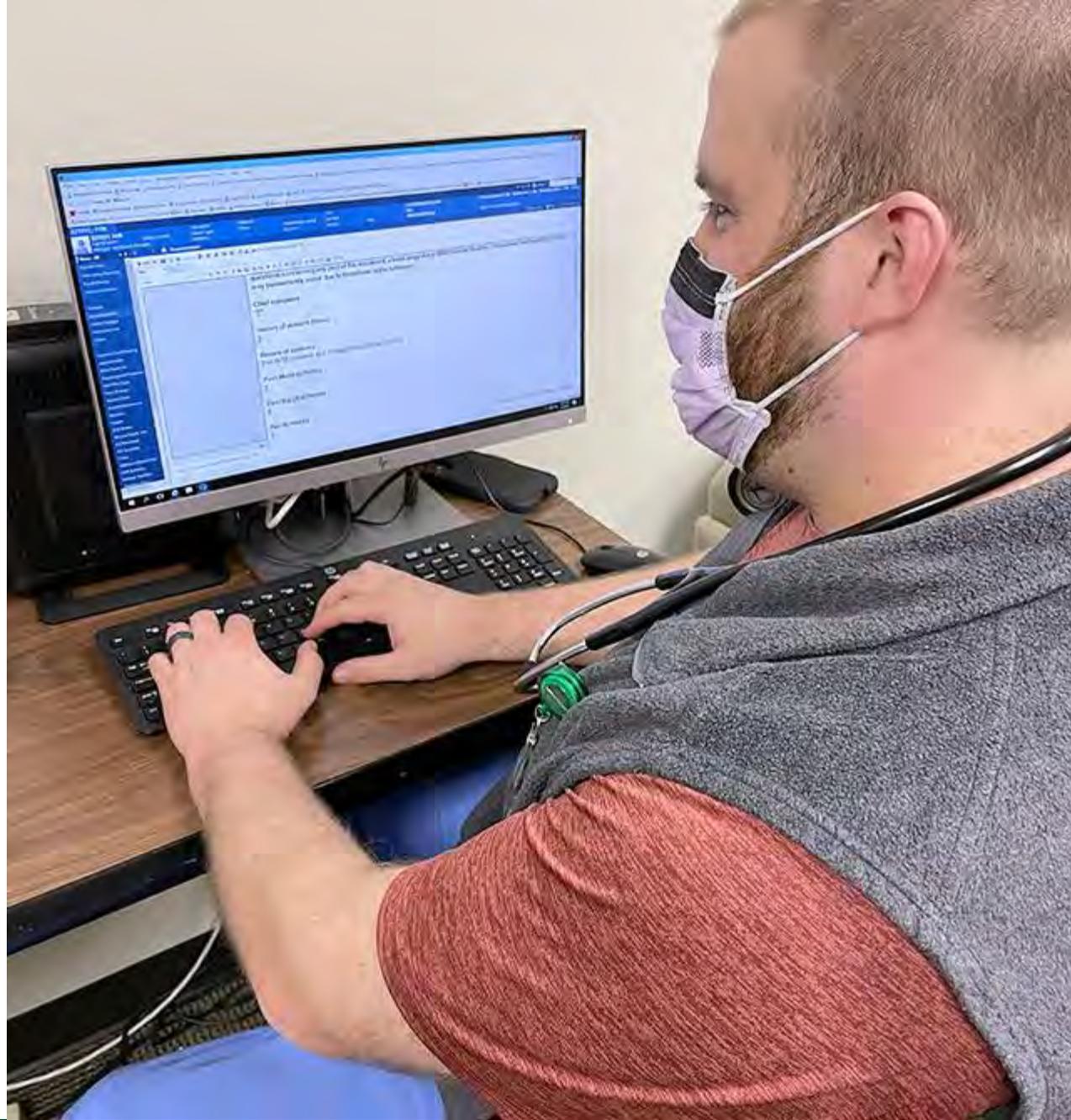
OWN IT

EMR Hassles

Patient Keeper was required for all faculty to bill

Aviacode staff now bill and code for inpatients

Less hassle, happier faculty (and more revenue)





AWARDS & ACCOLADES

UAB President's Award for Excellence in Teaching

“Quick wit and great sense of humor.”

“A natural communicator and effective mentor”

“He brings out the best in others.”

Gamification for education

James Willig, MD, MSPH



AWARDS & ACCOLADES

Inaugural UAB Shared Values Awards

Kathy King

Organized DOPM staff and supplies for mobile community testing sites

Cindy Joiner, PhD

Got researchers safely back to labs

Jeanne Marrazzo, MD, MSPH

Spoke to America about COVID

Featured Discoveries



Robert Welner, PhD

Science Immunology

Origin of basophils and mast cells



Anath Shalev, MD

Cell Metabolism

First oral drug may control Type 1 Diabetes



Nathan Erdmann, MD, PhD

JCI

SARS-CoV-2 causes long-term immune dysfunction



Pran Datta, PhD

Nature Communications

Novel protein regulates stem cell differentiation



Kelly Hyndman, PhD

JCI Insight

How the kidney controls salt and water retention



Steve Rowe, MD, MSPH

(David Bedwell, PhD) Nature Communications

New drug may treat untreatable Cystic Fibrosis and other genetic diseases

Leaders of National Societies



Jennifer Pollock, PhD

**American Physiological
Society**



Ken Saag, MD, MSc

**American College of
Rheumatology**



Shawn Galin, PhD

**Association for Standardized
Patient Educators**

\$106M

NIH FUNDING
(40% OF SCHOOL)

#15

FY21 NIH RANKING*
DEPARTMENTS OF MEDICINE

116

FUNDED INVESTIGATORS
(34% OF SCHOOL)

287

TOTAL GRANTS
(55% OF SCHOOL)

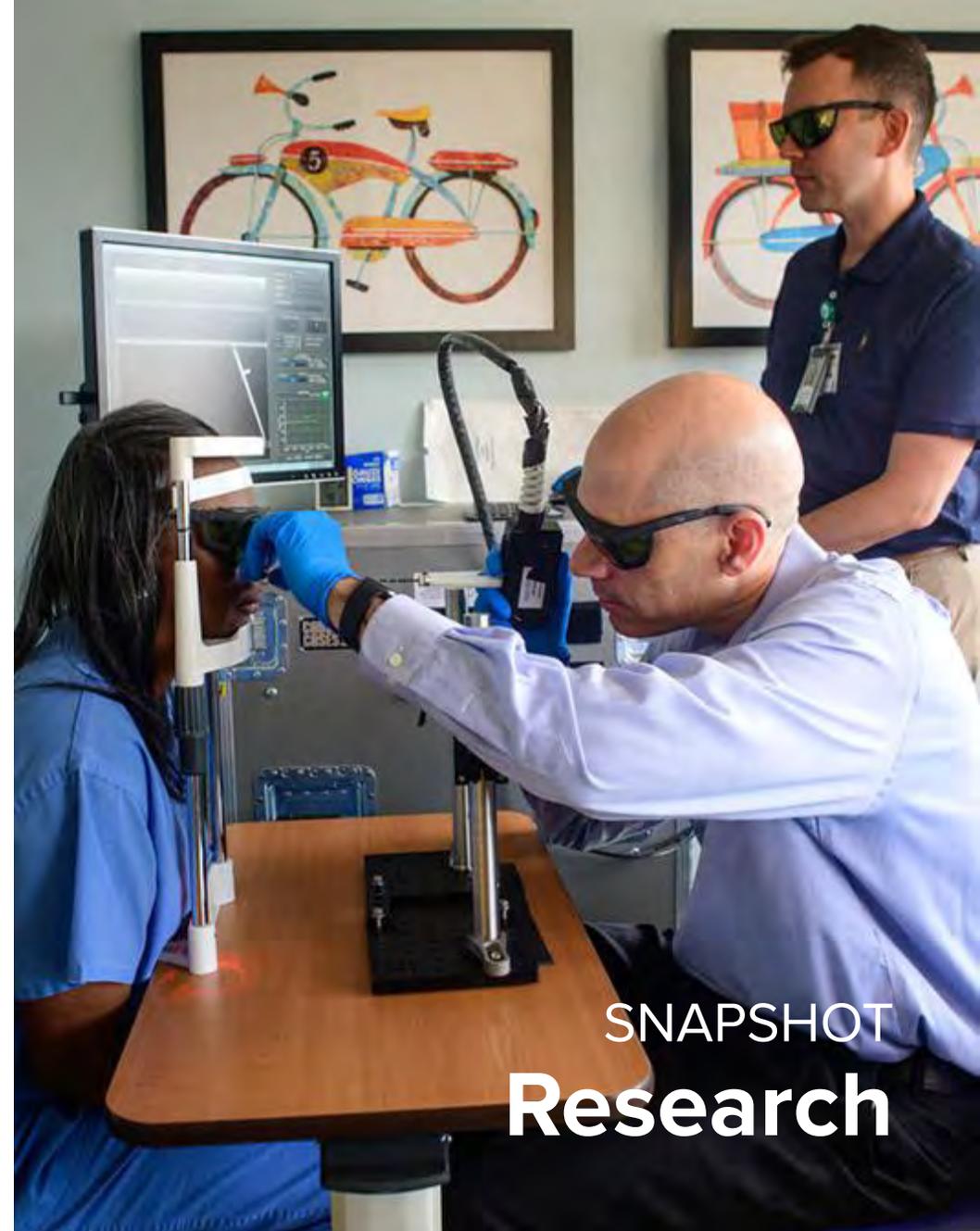
19

K AWARDS

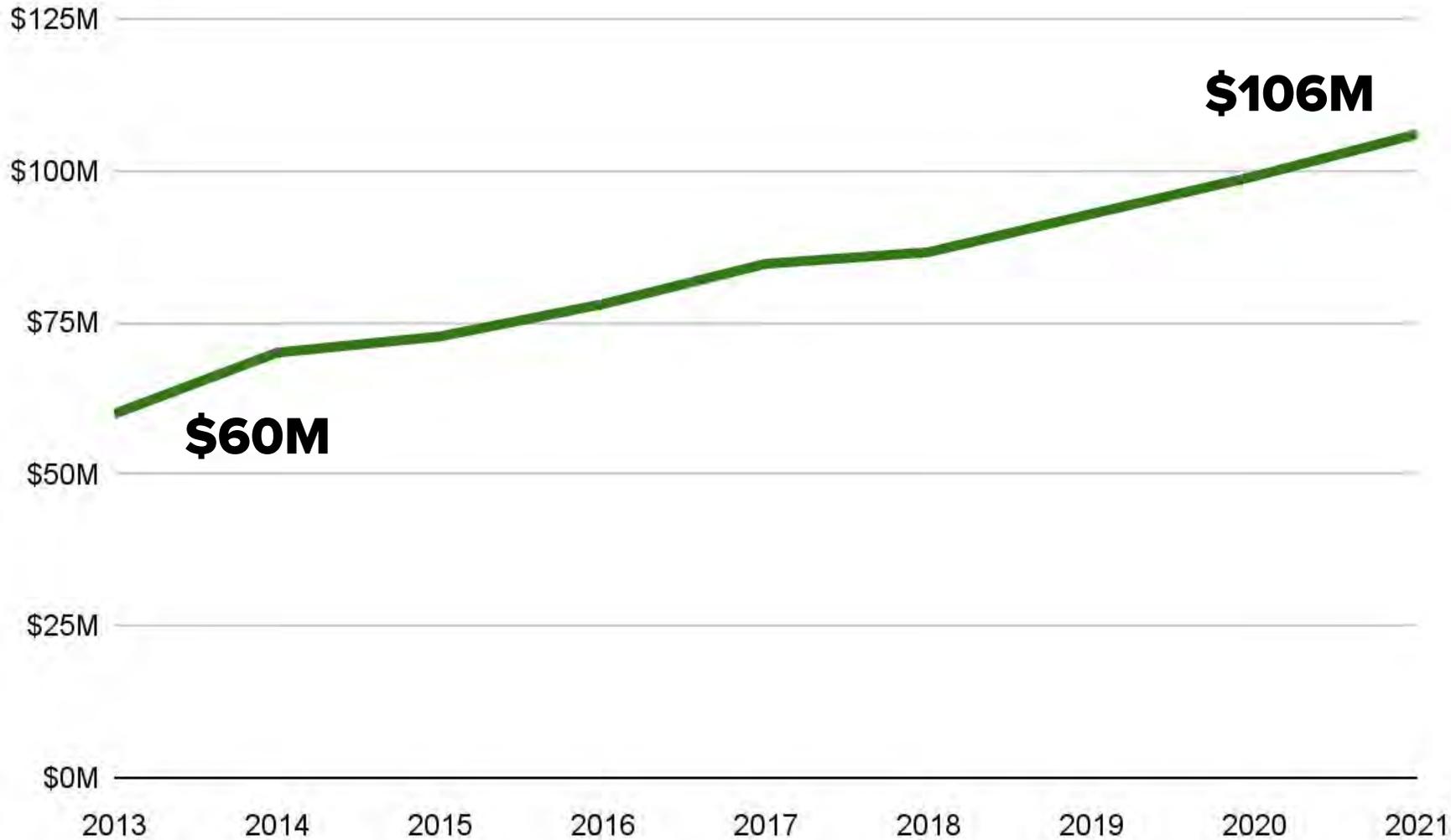
93

R01 AWARDS

*Data are preliminary as of January 2022



SNAPSHOT
Research



NIH FUNDING

77%

INCREASE OVER
8 YEARS



SNAPSHOT
Education

100%

ABIM PASS RATE
3 CONSECUTIVE YEARS

11

ARGUS AWARDEES
(BEST CLINICAL DEPARTMENT)

131

RESIDENTS
IM / MED-PEDS / MED-GEN

5

ABIM RESEARCH
PATHWAY

110

ACGME SUBSPECIALTY
FELLOWS IN 15 PROGRAMS

17

NON-ACGME SUBSPECIALTY
FELLOWS IN 10 PROGRAMS

23,000

INPATIENTS

352,000

CLINIC PATIENTS

4,600

ICU PATIENTS

51,400

eMEDICINE
VISITS

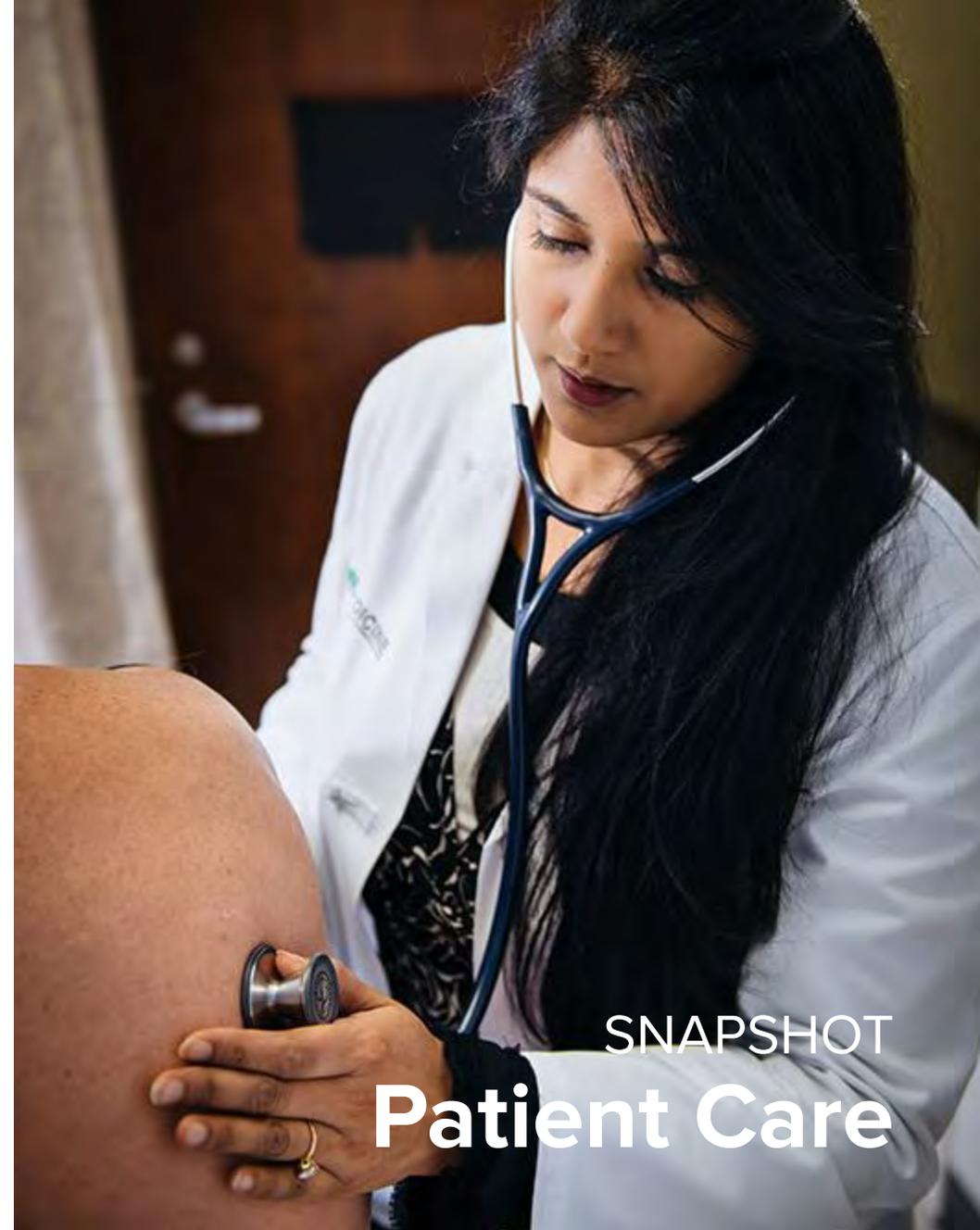
1,100

PATIENTS TREATED WITH
MONOCLONAL ANTIBODIES

5

USNWR TOP-RANKED
PROGRAMS

Data are CY2021



SNAPSHOT
Patient Care

SNAPSHOT

Grateful Patient Philanthropy Program

Jane and Hutch Holt made first gift
to Pulmonary Division for
extraordinary care

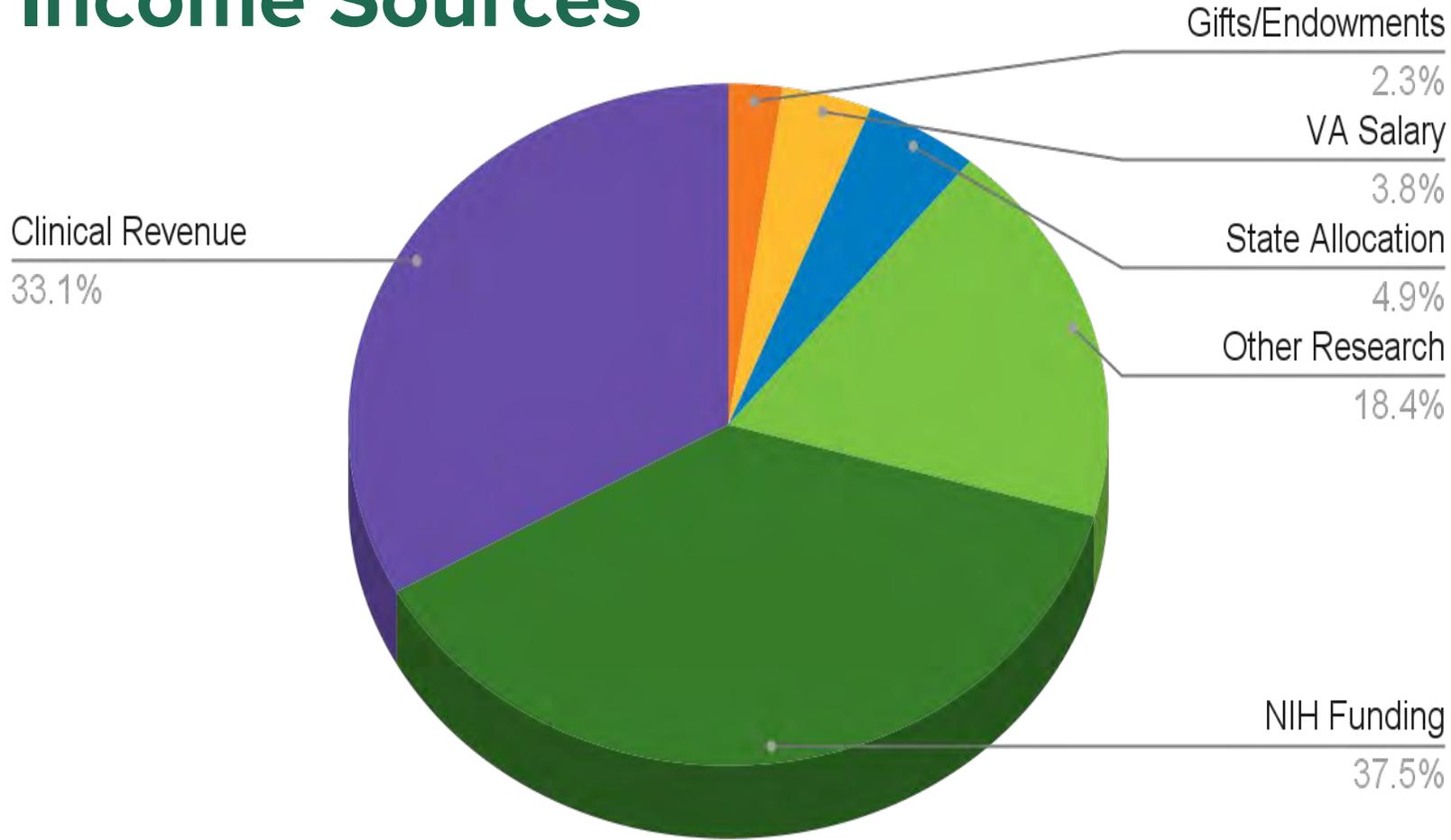
523 people gave to DOM in 2021

\$2.6M raised, in addition to more
than \$1M in pledges & planned gifts



SNAPSHOT

Income Sources



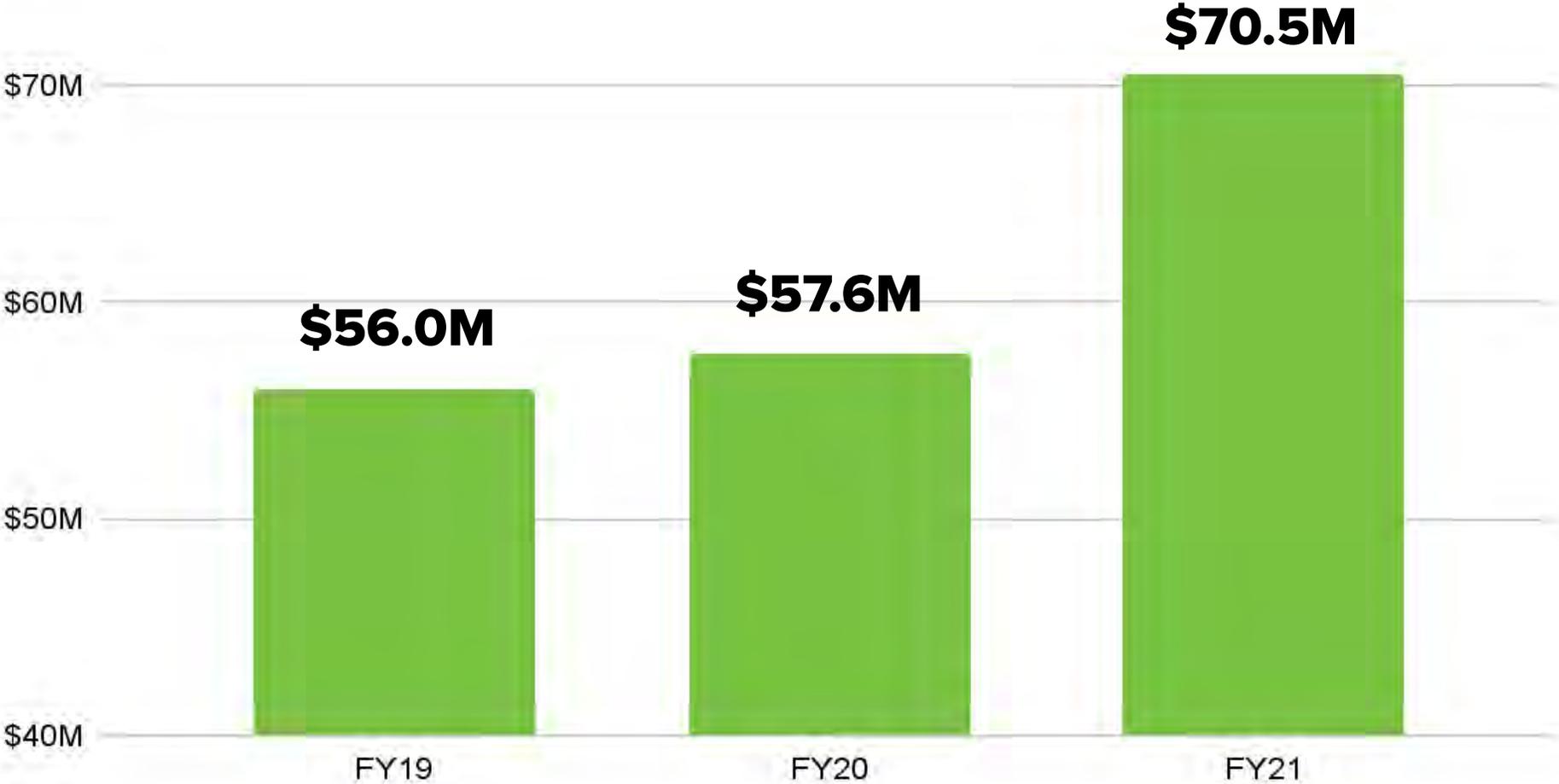
\$283M

2021 REVENUE

- \$6.5M**
GIFTS/ENDOWMENTS
- \$10.7M**
VA SALARY
- \$13.8M**
STATE ALLOCATION
- \$93.7M**
CLINICAL REVENUE
- \$158M**
TOTAL RESEARCH
FUNDING (OTHER + NIH)

SNAPSHOT

Clinical Revenue



430

TOTAL FACULTY

50

NEW FACULTY

6

DEAN'S EXCELLENCE
AWARDS

23

PROMOTED TO PROFESSOR
OR ASSOCIATE PROFESSOR

1,100

STAFF

NEW

DOM STAR AWARDS
(NOMINATIONS NOW OPEN!)



SNAPSHOT
Personnel

We Remember



**Mozella
Kerley**
Nephrology



**Antonio
Williams**
GGPC



**Dr. Joe
Bloomer**
GI/Hepatology



**Dr. Bill
Vaughan**
Hem/Onc



**Dr. Caroline
Marshall**
Nephrology

We Create Our Future

OUR MISSION: To improve the health and well-being of society, especially the citizens of Alabama, and to achieve excellence in the education of physicians and scientists

UAB MEDICINE

UAB HEERSINK
SCHOOL OF MEDICINE



Our Future

Change and Grow

“A Single Garment of Destiny”

- UAB Marnix E. Heersink School of Medicine
- Leadership for School, UAB Health System, HSF, UAB/Ascension St. Vincent’s Alliance
- LCME Accreditation, April site visit
- O’Neal Comprehensive Cancer Center’s Core Grant Submission

We Create Our Future

We face challenges:

Disease

Addictions

Poverty

Systemic Racism

Remote Work

Space and Money

We need:

Vision

Hope and Faith

Curiosity, Drive, Resources

Each Other



*Traveler, there is no path.
The path is made by walking...*
Antonio Machado

OUR FUTURE

Improve the health of Alabama and beyond

- **Teams that care for people when they want, where they want**
 - APP-MD teams, Telemedicine, House Calls, Partnerships in The Alliance
- **Cure diseases: Sickle Cell Disease, Cystic Fibrosis, End Stage Renal Disease**
 - Take UAB research to the world
- **End HIV Transmission in Alabama**
 - CFAR leads HIV Care and Prevention
- **Cut deaths from addiction in half**
 - Addiction Medicine Fellowship

OUR FUTURE

Make discoveries that change lives

- **New ways to modify cells that cause heart disease and cancer**
 - Build metabolomics in Cardiology and Oncology
- **Eliminate health disparities**
 - Deep South Center to Reduce Disparities: Diabetes, Hypertension, Obesity, Cancer
- **Treat COVID and Long-COVID**
 - RECOVER Program
- **Build the Academic Learning Health System**
 - Systems to Eliminate Overcrowding in ED

OUR FUTURE

Educate physicians and scientists

- **Fill Alabama's gap of 1,000 Internal Medicine Generalists and Specialists**
 - Task Force on the Future of Physician Training
- **Increase the number of NIH-funded faculty from 116 to 150**
 - Research Faculty Awards Program
 - Mentoring Program for Research-intensive Faculty

Include all who share our mission & values

- **Increase diversity, equity and inclusion among faculty, staff and trainees**
 - Raegan Durant, MD, MPH, and Latesha Elope, MD, MSPH named deans
 - Karla Williams, MD, named Residency Assistant Program Director
- **Welcome all who join us**
 - New onboarding processes for faculty and staff
- **Implement procedures to support our efforts**
 - National Search for Vice Chair, DEI



We Create Our Future Together