State of the Department 2020: Moving Medicine Forward

Seth Landefeld, MD, Professor and Chair
UAB Department of Medicine
February 12, 2020
Our Mission

To improve the health and well-being of society, particularly the citizens of Alabama...

- Patient Care
- Research
- Education
Our Core Values

Own It
- Accountability
- Stewardship

Work Together
- Collaboration

Do Right
- Excellence
- Integrity

Always Care
- Respect
- Diversity/Inclusion
Department of Medicine
Works Together
Patient Care | Education | Research
Service Lines

Signature Service Lines
• O’Neal Comprehensive Cancer Center
• Comprehensive Transplant Institute
• Cardiovascular Institute

Strategic Service Lines
• Digestive
• Respiratory
• Musculoskeletal
• Neurosciences
UAB Healthcare Educators Academy

• Foster innovation, scholarship, and careers
• The leadership of Drs. Craig Hoesley, Caroline Harada, and Lisa Willett
• A gift from the family of Paul W. Burleson, MD, former UAB general internist
University Wide Interdisciplinary Research Centers (UWIRCs)

1. Comprehensive Cardiovascular Center
2. Center for AIDS Research
3. Center for Clinical and Translational Science (CCTS)
4. Center for Outcomes and Effectiveness Research and Education
5. Center for Palliative and Supportive Care
6. Comprehensive Arthritis, Musculoskeletal, Bone and Autoimmunity Center
7. Gregory Fleming James Cystic Fibrosis Research Center
8. Integrated Center for Aging Research
9. Minority Health and Health Disparities Research Center
10. Nephrology Research and Training Center
11. O’Neal Comprehensive Cancer Center
12. UAB Comprehensive Diabetes Center
13. UAB Lung Health Center
Department of Medicine
Always Cares
Patient Care  |  Education  |  Research
UAB House Calls

- Cares for 300 patients in their own homes
- Marianthe Grammas, MD, Medical Director
- Cut Emergency Department visits in half
- Cut 30-day readmissions by 90%
Reimagining Residency

- $2M grant from the AMA
- Improve Resident Wellness and Clinical Skills
- Partner with Hopkins & Stanford
- Leaders
  - Lisa Willett, MD, MACM
  - Stephen Russell, MD
  - KeAndrea Titer, MD
  - Madeline Eckenrode, MD
UAB’s Grand Challenge

Live HealthSmart Alabama

- Move Alabama health rankings
  - #1 in beauty and nice people
  - #7 in high school graduation*
  - #40 in smoking*
  - #45 in obesity and physical activity*
  - #50 in health outcomes*
- Good nutrition, physical activity, and preventive care
- Working with Alabama communities

*Source: www.americashealthrankings.org/
• 65 of 67 Alabama counties
• 15 subspecialties; more coming
• Saved:
  • 1,472 trips to TKC
  • 157,127 miles of driving
  • 2,611 hours of driving time
• Eric Wallace, MD, Medical Director
• Wallace’s Law: Telehealth doubles every 16 months
MedEd Moments

- Professional development videos for teachers
  - Setting Expectations
  - Giving Feedback
  - Teaching Procedures
  - Enhancing Evaluations
  - Improving the Learning Climate
- Approximately six minutes each
- Watch!
NIH Chronic Disease Grant Supplements

Monica Baskin, PhD  
Professor, Preventive Medicine  
O’Neal Comprehensive Cancer Center  
$3,827,966  
Cancer Control

Mona Fouad, MD, MPH  
Professor and Director Preventive Medicine  
Obesity and Health Disparities Research Center  
$1,053,156  
Obesity & Health Disparities

Orlando Gutierrez, MD  
Professor, Nephrology  
O’Brien Center for Kidney Diseases  
$885,314  
AKI Effects on CKD

Steve Rowe, MD  
Professor, Pulmonary  
UAB CF Research and Translation Core Center  
$884,599  
Chronic Lung Disease

Ken Saag, MD  
Professor, Rheumatology  
Center of Research Translation for Gout  
$961,116  
Gout Research
Leadership DOM

• 120 faculty & 60 staff in 3 years
• Learn about themselves
• Develop skills working with others
• 83% Very/Extremely Helpful
  • I am a much more effective leader now
  • I allow others to work without micromanaging
  • I understand my bandwidth
  • My communication is much better
  • I am calmer and much happier
• Optional Peer to Peer Coaching
We Promote Inclusion

Every faculty, student, resident, fellow, and staff member feels welcome and valued

• Thank you to 244 faculty for feedback
• “How welcome and included do you feel?”
• Answered 8.3 out of 10, almost terrific!
• Ideas:
  • Appreciate people
  • Include faculty in decisions
  • Communicate what committees are doing
  • Peer mentoring
  • Professionalism and sensitivity training about 'old boy' thinking
We Pay Equitably

<table>
<thead>
<tr>
<th>Rank</th>
<th>Male (n=218)</th>
<th>Female (n=119)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Professor</td>
<td>51%</td>
<td>48%</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>67%</td>
<td>63%</td>
</tr>
<tr>
<td>Professor</td>
<td>56%</td>
<td>69%</td>
</tr>
<tr>
<td>All</td>
<td>56%</td>
<td>56%</td>
</tr>
</tbody>
</table>
We Value Diversity

- Diversity Enhancement Committee
- Carl Dukes, MD, Endowment
- DOM Recruitment Policies
  - Standing search committees with diverse representation
  - Unintended Bias Training
  - Expanded candidate pools
- STAMP Curriculum (Supporting Trainees by Addressing Microaggressions by Patients)
We Advocate Wellness

Resilience

Stressors
Department of Medicine
By the Numbers
Patient Care | Education | Research
322,000 Patients
8 Programs Ranked by US News & World Report

• Cancer
• Cardiology
• Endocrinology
• Gastroenterology
• Geriatrics
• Nephrology
• Pulmonology
• Rheumatology
230 Residents and Fellows in 15 ACGME Programs

Cardiology
- Advanced Heart Failure
- Electrophysiology
- Interventional
Endocrinology
Gastroenterology
Geriatrics
Hematology/Oncology

Infectious Diseases
Nephrology
Medicine/Pediatrics
Palliative Care
Pulmonary/Critical Care
Rheumatology
Transplant Hepatology
12 NIH Training Grants

• 2 in Cardiology (Oparil, Prabhu)
• 2 in Nephrology (Agarwal, J Pollock)
• 2 in Pulmonary (Swords, Thannickal)
• 2 in Rheumatology (Schroeder, Bridges)
• 1 each in Oncology (Bhatia), the CCTS (K Saag), Health Services Research (K Saag)
• MSTP (Geisler)
115 Graduate Students and Post-Docs

Graduate Students
(24% of Total SOM)
57

Post-Docs
(26% of Total SOM)
58
$97M in NIH Grant Funding

<table>
<thead>
<tr>
<th>Year</th>
<th>Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>$73</td>
</tr>
<tr>
<td>2016</td>
<td>$78</td>
</tr>
<tr>
<td>2017</td>
<td>$85</td>
</tr>
<tr>
<td>2018</td>
<td>$87</td>
</tr>
<tr>
<td>2019</td>
<td>$97</td>
</tr>
</tbody>
</table>
John H. Holt, Jr., MD, and Nancy M. Holt
Endowed Professorship in Cardiovascular Medicine
$236 Million in Revenue
Department of Medicine Celebrates People
Philanthropy | Awards | Achievements | Promotions
Employees of the Month

Rebekah Barnett
Infectious Diseases

Angelia Bowdre
Hem/Onc

Stephanie Carroll
DOPM

Jane Davis
Nephrology

Renee Glover
DOPM

Brenda McKenzie
Gastro/Hep

Sylvia Peral
DOPM

Janice Phillips
DOPM

Shirley Selvage
Infectious Diseases

Laticia Woodruff
DOM CRE

Bonnie Zarzaur
Infectious Diseases
Promotions to Professor

Sonya Heath, MD  Infectious Diseases
Jason Morris, MD  GIM
Maria Pisu, PhD  DOPM
Dana Rizk, MD  Nephrology
Rich Rosenthal, MD  Endocrinology

Keith Swetz, MD  GGPC
Barbara VanDerPol, PhD, Infectious Diseases
Brooks Vaughan, MD  Endocrinology
Amy Warriner, MD  Endocrinology
James Willig, MD, MSPH  Infectious Diseases
Promotions to Associate Professor

Marc Cribbs, MD  
CVD

Lisa Curtis, PhD  
Nephrology

Ricardo Franco, MD  
Infectious Diseases

Tariq Hamid, PhD  
CVD

Kondal Kyanam, MD  
Gastro/Hep

Ashley Nichols, MD  
GGPC

Stephanie Sabbaj, PhD  
Infectious Diseases

Jennifer Trevor, MD  
Pulmonary
8 New Endowed Chairs & Professors: April

Drs. James Shikany, Lisa Jackson, Cynthia Brown, Garreth Dutton, Vineeta Kumar, Ed Inscho, Ros Mannon and Michal Mrug
7 New Endowed Chairs & Professors: November

Drs. Tom McElderry, José Tallaj, Andre Ballesteros-Tato, Doug Morgan, Gang Liu, Salpy Pamboukian and Suzanne Oparil
18 New Philanthropic Partnerships

**Cardiology**
- Leon A. Nolen Endowed Heart and Related Diseases Program Support Fund
- John H. Holt, Jr., MD and Nancy M Holt Endowed Professorship in Cardiovascular Medicine

**Pulmonary**
- SK Bioscience Endowed Professorship in Pneumonia Research

**Nephrology**
- DCI Edwin A. Rutsky, MD Distinguished Endowed Chair in Nephrology
- David G. Warnock, MD Endowed Research Fund in Academic Nephrology
- Ashita Tolwani, MD Innovation Fund
- Stephen G. Rostand, MD Endowed Professorship in Nephrology
- The Priya Nagar Foundation Research Acceleration Fund

**Gastroenterology/Hepatology**
- Endowed Professorship in Gastroenterology and Hepatology

**Infectious Diseases**
- Michael Saag Endowed Professorship in Infectious Diseases
- Edward W. Hook, III, MD Endowed Professorship in Infectious Diseases

**Immunology and Rheumatology**
- S. Louis Bridges, Jr., MD, PhD, Endowed Support Fund
- John A. and Patricia J. Heilala Endowed Scleroderma Support Fund

**Geriatrics & Palliative Care**
- House Calls Program
- Community Based Virtual Access to Palliative and Supportive Care Experts Program
- Hank Baker Endowed Support Fund

**General Internal Medicine & Residency**
- Burleson Chair
- Healthcare Educators Academy Gift
UAB President’s Award for Excellence in Teaching

• Vineeta Kumar, MD
• Professor in the Division of Nephrology
• Director of the transplant nephrology fellowship program
• Clinical director of the MS1 renal module
Ingalls/National Alumni Society Award for Lifetime Achievement in Teaching

- Gustavo Heudebert, MD
- Professor in the Division of General Internal Medicine
- Interim Regional Dean for the Montgomery Campus
ACGME Parker J. Palmer Courage to Teach Award

- Lisa Willett, MD, MACM
- Professor in the Division of General Internal Medicine
- Program Director for the Tinsley Harrison Internal Medicine Residency Program
- Vice Chair for Education
1000+ Discoveries Across the Department

Veena Antony, MD
Professor
Vimentin regulates fibroblast invasion in fibrogenic lung injury
JCI Insight

Andre Ballesteros-Tato, PhD
Associate Professor
Inhibition of IL-2 responsiveness by IL-6 is required for the generation of GC-TFH cells
Science Immunology

Sushant Bhatnagar, PhD
Assistant Professor
Complement 1q like-3 secreted protein as a regulator of β-cell function
Scientific Reports

Latesha Elopre, MD, MSPH
Assistant Professor
Missed Opportunities for HIV Pre-exposure Prophylaxis in Adolescents in the Deep South
Sexually Transmitted Diseases
Elected to American Society of Clinical Investigation

- Orlando Gutierrez, MD
- Professor in the Division of Nephrology
- Research on disorders of metabolism and outcomes of kidney disease
UAB President’s Diversity Champion and Odessa Woolfolk Community Service Awards

- Monica Baskin, PhD
- Professor in the Division of Preventive Medicine
- Vice Chair for Culture and Diversity
- Associate Director for Community Outreach and Engagement for the O’Neal Comprehensive Cancer Center
American Geriatrics Society Clinician of the Year

- Kellie Flood, MD
- Founding Medical Director, Acute Care for Elders (ACE) Unit
- Launched UAB's Geriatric Scholars program, which has taught 405 participants in the past 10 years
Chief of the Medical Staff-Elect

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

Anupam Agarwal, MD
President
American Society of Nephrology

Monica Baskin, PhD
President-Elect
Society of Behavioral Medicine

Lou Bridges, MD, PhD
President
Rheumatology Research Foundation

Rodney Tucker, MD, MMM
President-Elect
American Academy of Hospice and Palliative Medicine

Lisa Willett, MD, MACM
President
Association of Program Directors in Internal Medicine
Our Year Ahead
Our Mission

To improve the health and well-being of society, particularly the citizens of Alabama...

- Patient Care
- Research
- Education
Spring in Birmingham!

Thank you for all that you do to make our Department the best place to practice academic medicine in the country!

Grab a DOM Valentine's treat on your way back to work!