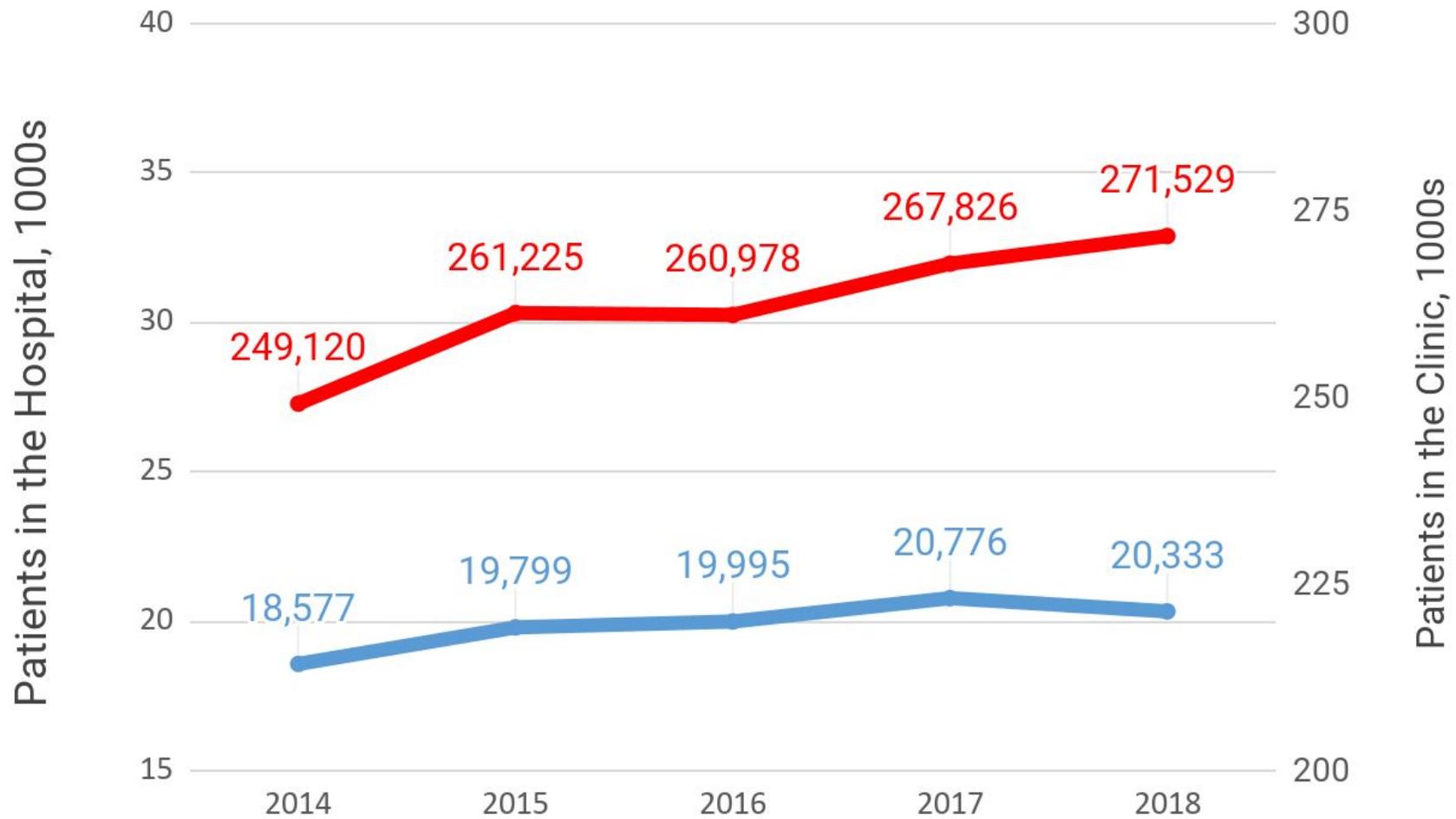


OUR DEPARTMENT 2019

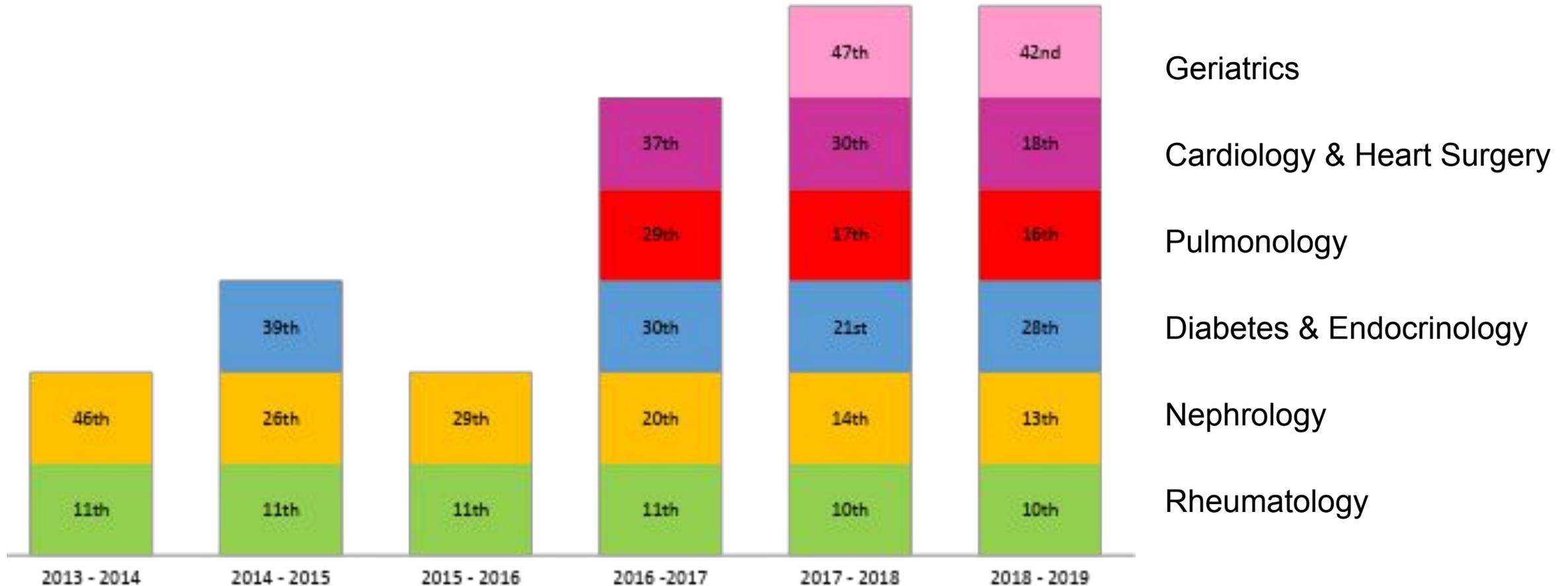
Seth Landefeld, MD, Professor and Chair
Department of Medicine
February 13, 2019

OUR PATIENTS

Patients in the Hospital and Clinic

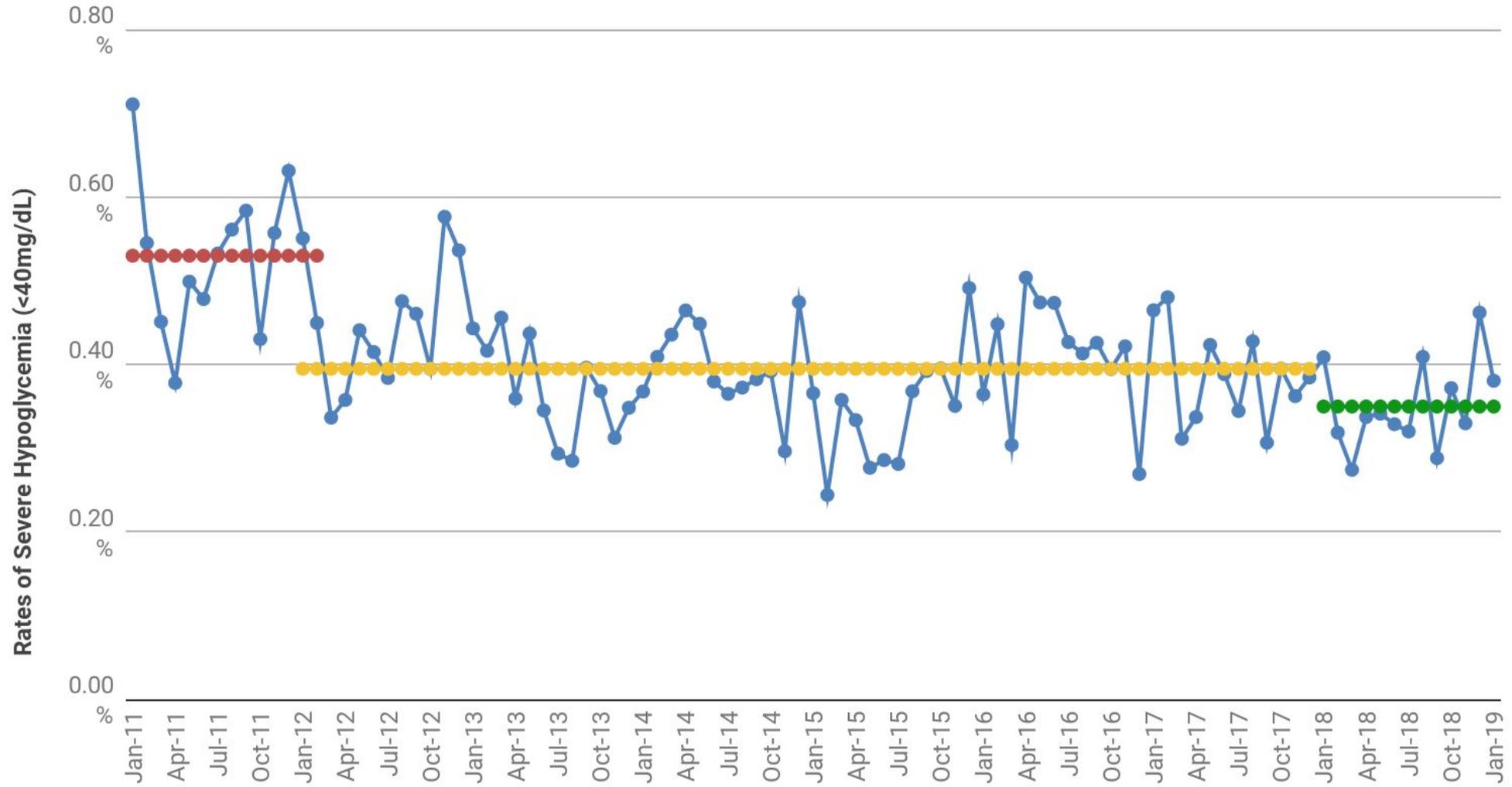


Programs Ranked in the Top 50 by USNWR

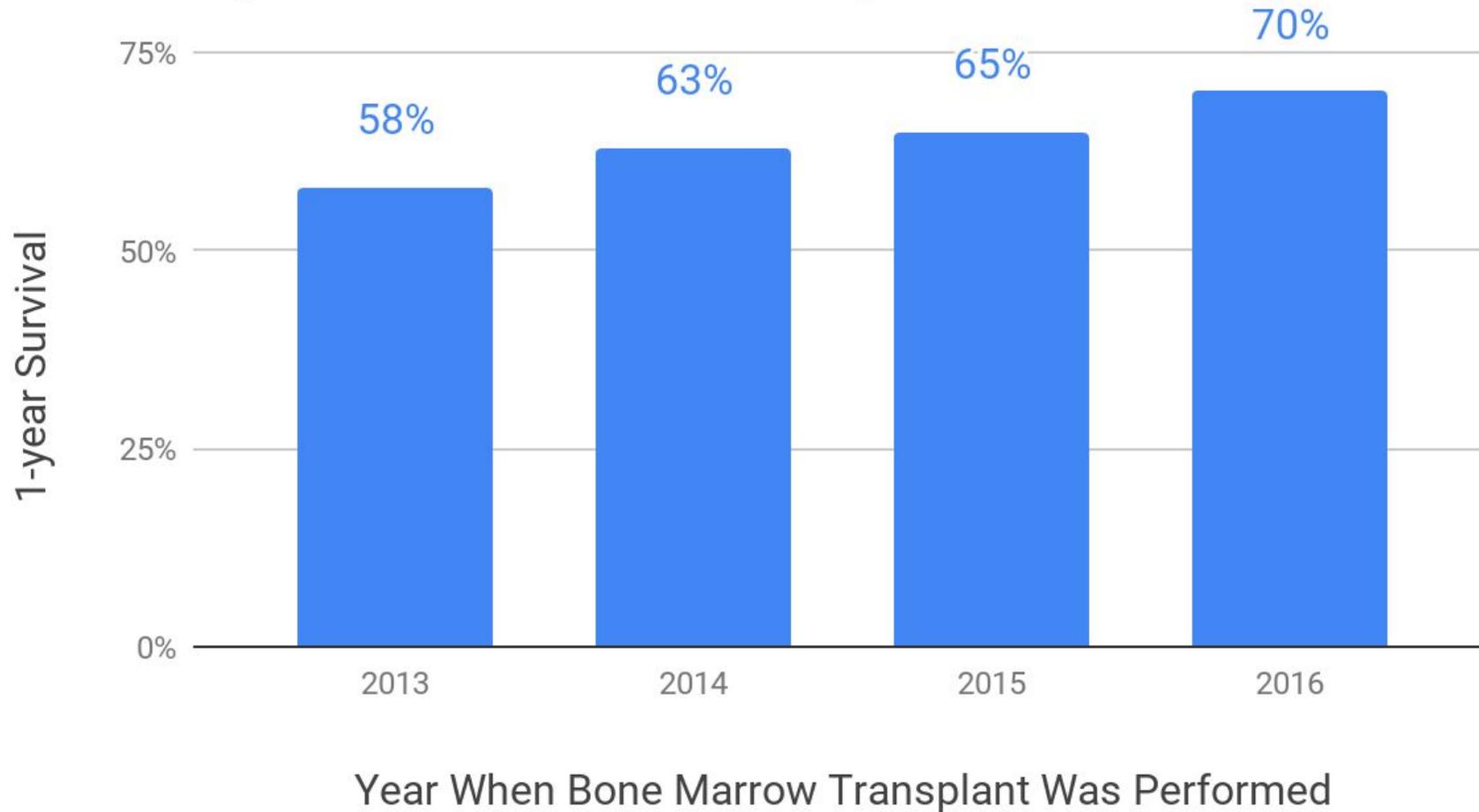


*Cancer and GI are close to the Top 50.

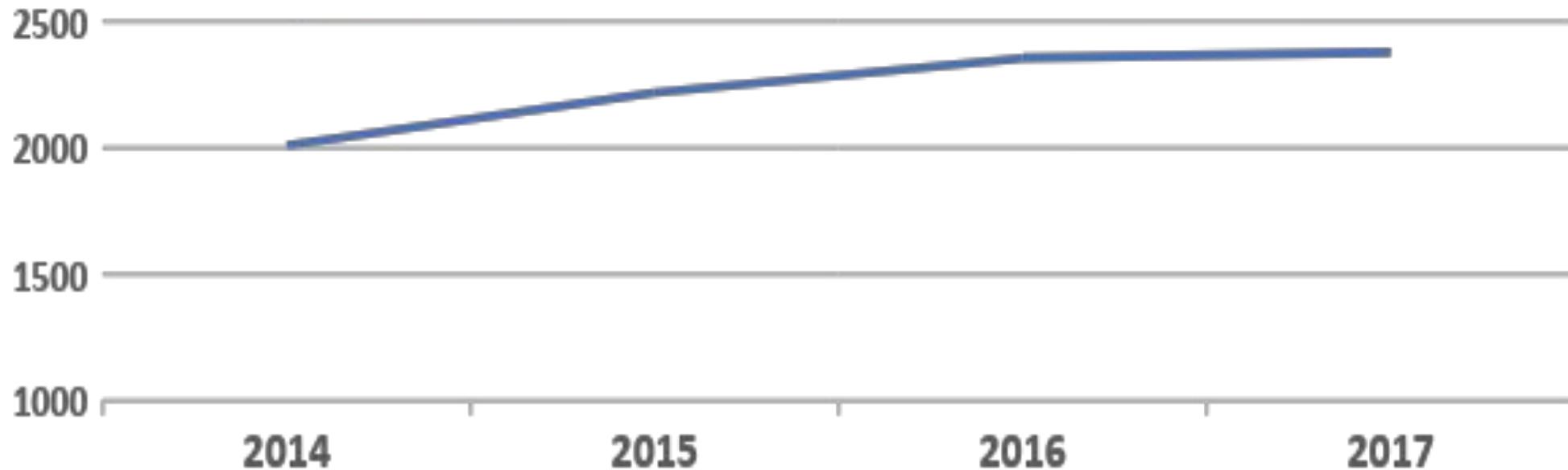
Incidence of Severe Hypoglycemia (<40mg/dL)



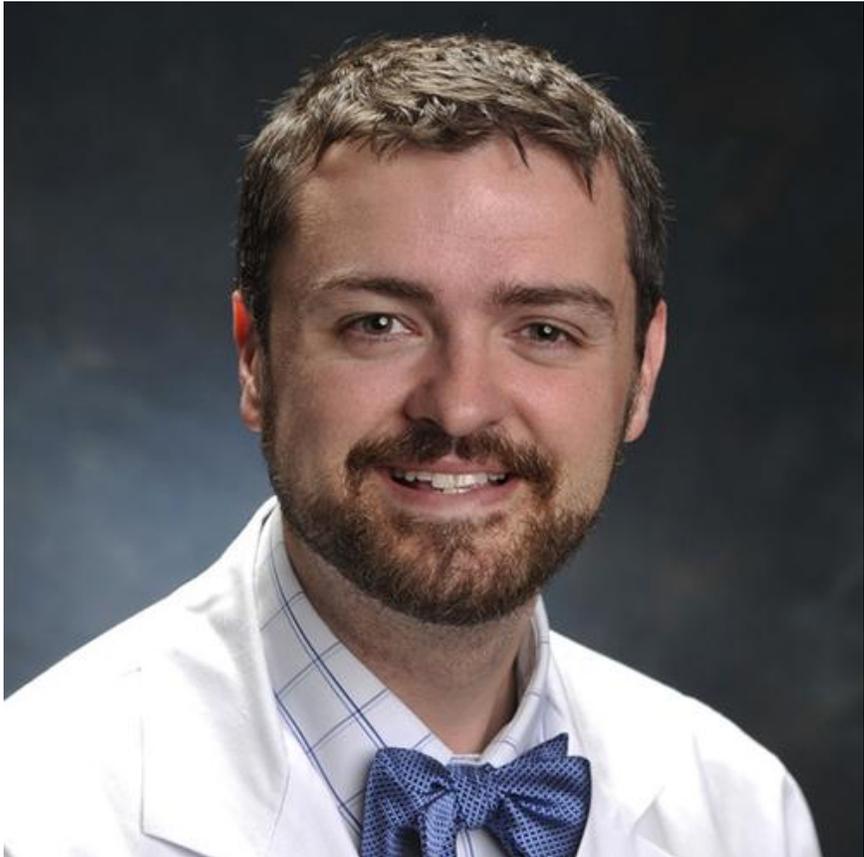
Allogeneic Bone Marrow Transplant: One-Year Survival



People with HIV Who are Virally Suppressed



UAB Telehealth Cares for Patients Beyond Our Walls



“

UAB outpatient telemedicine services have already saved 64,000 miles of driving as well as 1,200 hours of driving for our patients.

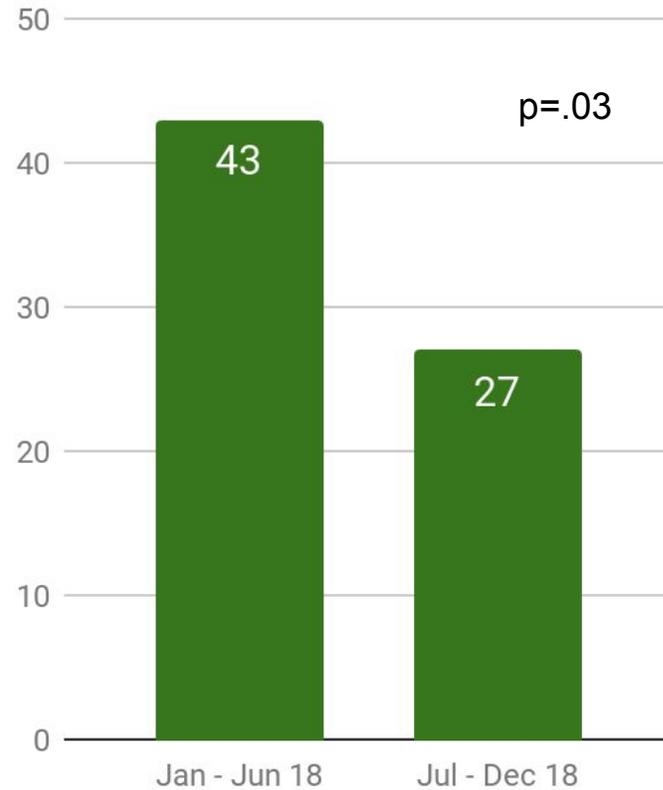
”

Eric Wallace, MD

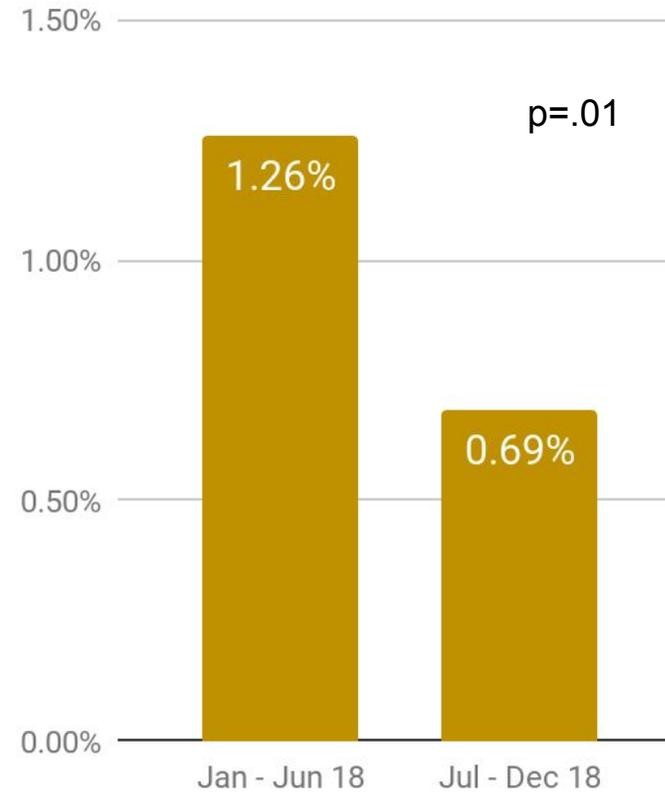
Associate Professor, Nephrology
Medical Director, UAB Telehealth

Vaughan RMC Before & After Tele-ICU

Deaths



O:E Mortality



OUR LEARNERS

Our 15 Training Programs

Internal Medicine
Cardiology
Electrophysiology
Endocrinology
Gastroenterology
Geriatrics
Hematology/Oncology
Hospice/Palliative Care



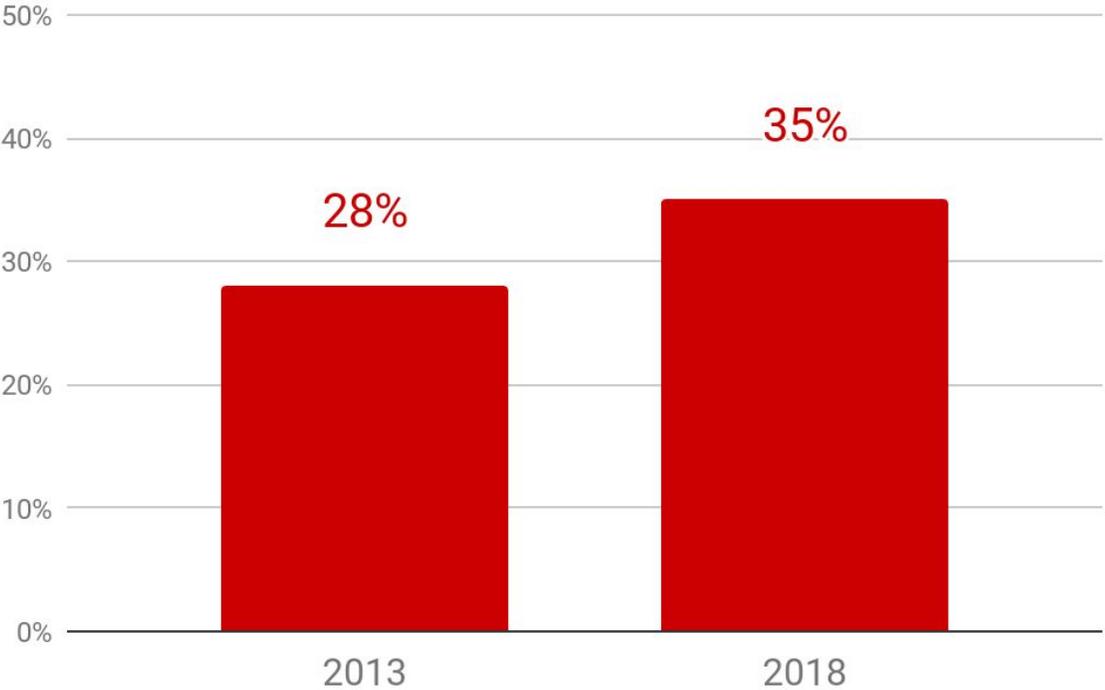
Infectious Diseases
Interventional Cardiology
Nephrology
Pulmonary
Rheumatology
Transplant Hepatology
Advanced Heart Failure

Training Programs with Citations (Citations are bad!)

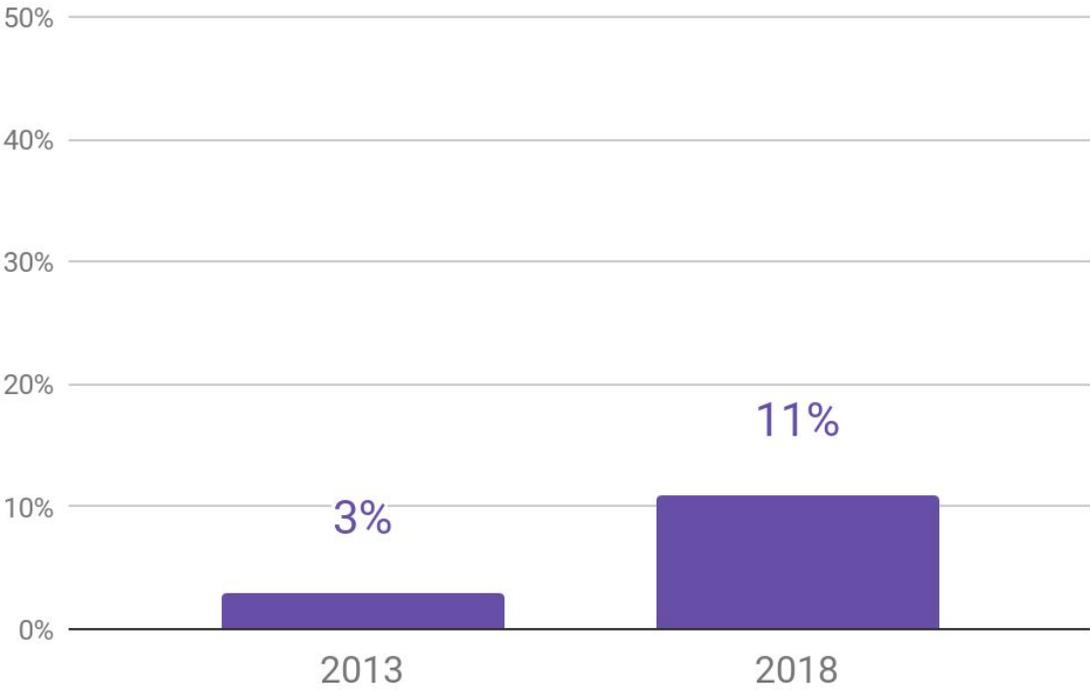


Resident Diversity is Growing

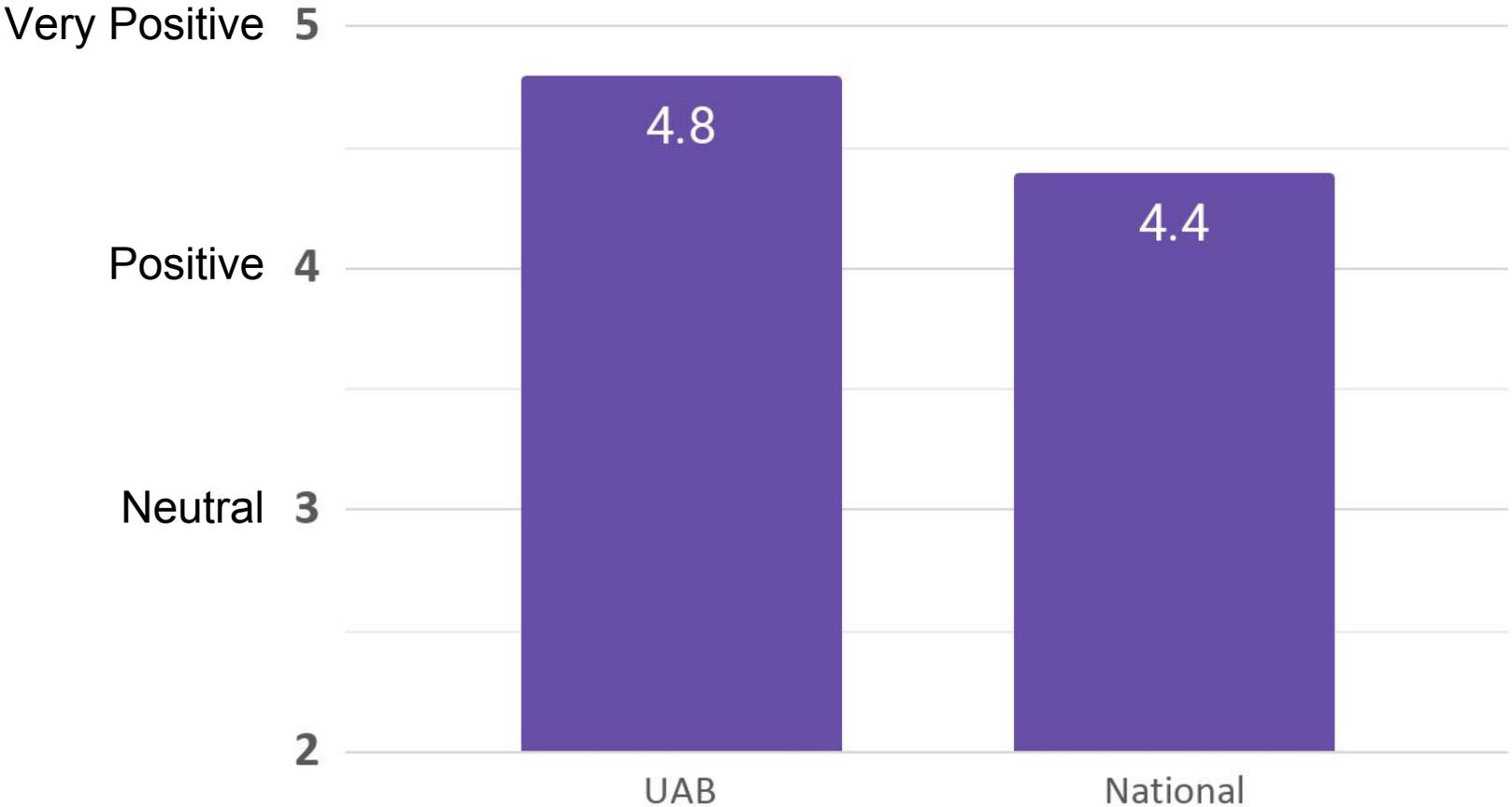
Women



Under-Represented in Medicine

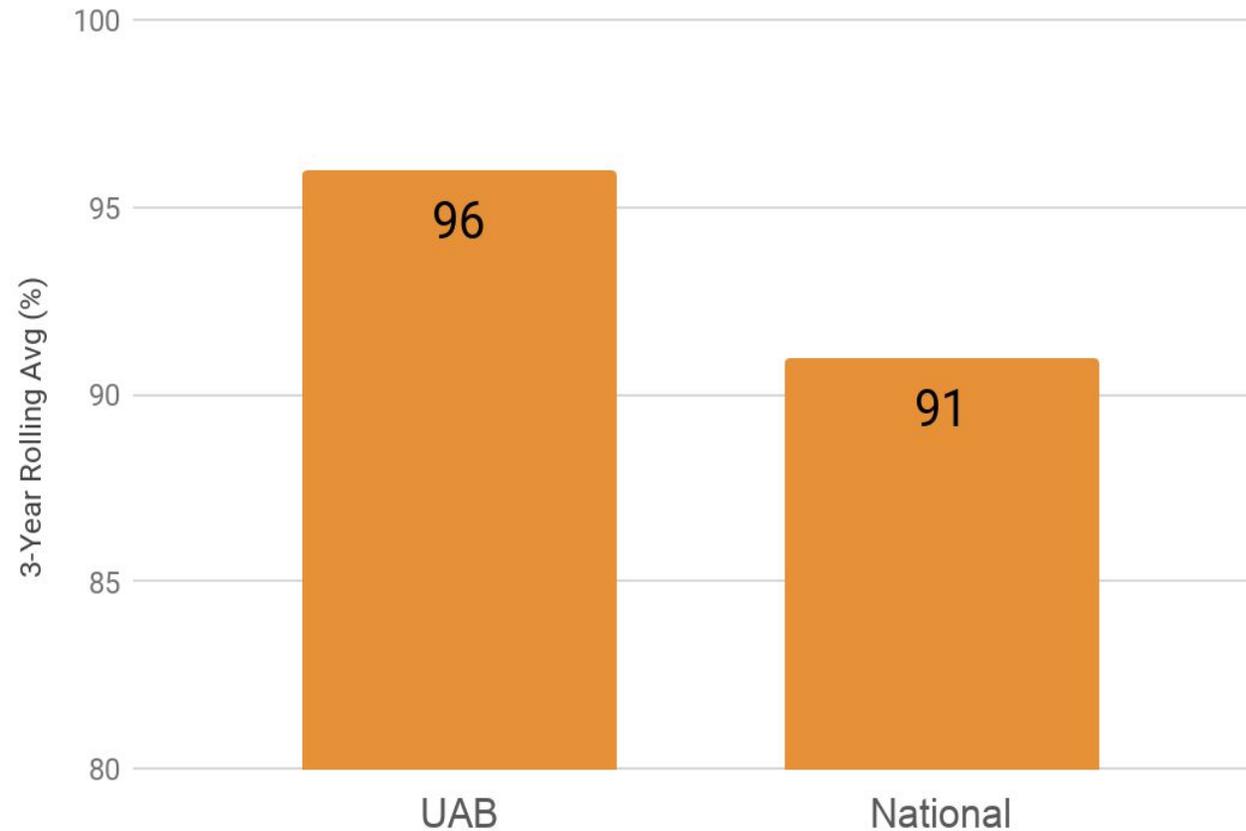


Residents Rate Their Training Program Highly



Our Residents Do Well on Boards

ABIM First Time Pass Rate



Our Learners: Grad Students and Post-Docs

62

Graduate Students

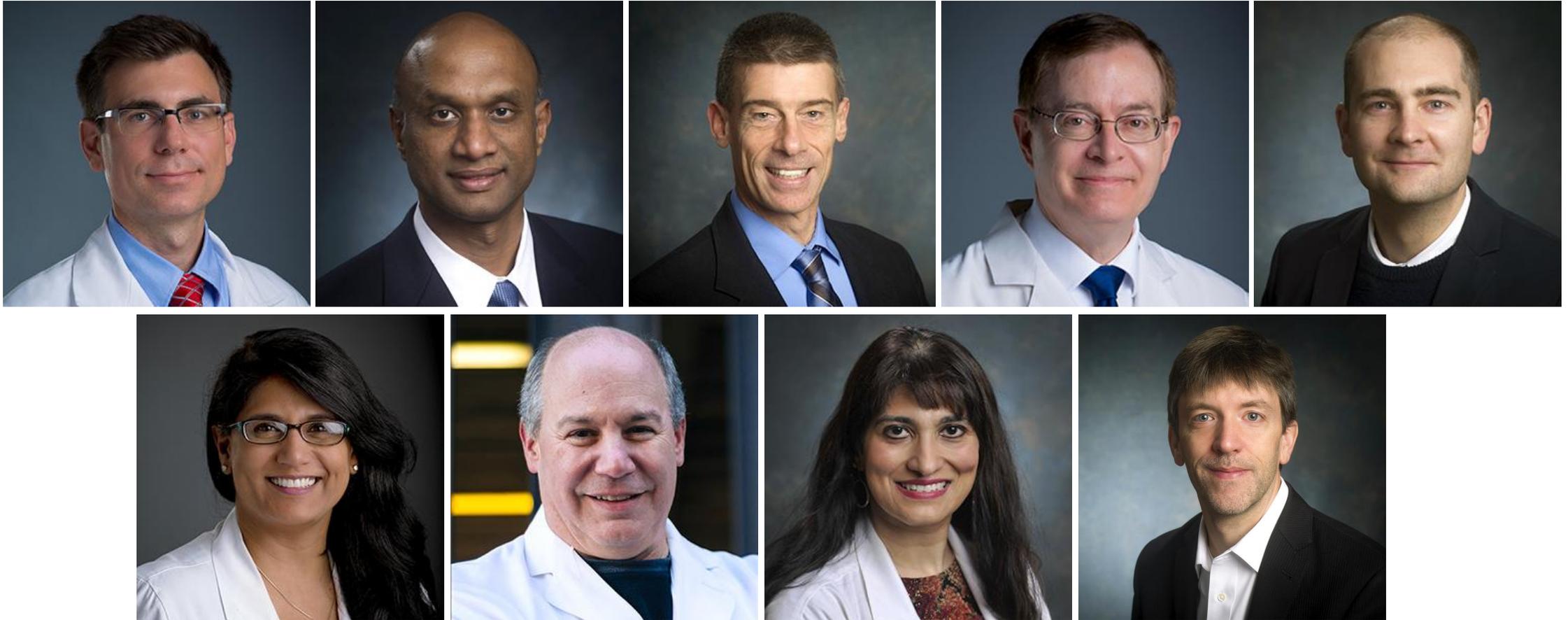
(26% of Total SOM)

55

Post-Docs

(25% of Total SOM)

DOM's Argus Award-Winning Teachers



Drs. Chad Burski, Harish Doppalapudi, Shawn Galin, James Johnson, Eric Judd, Vineeta Kumar, Michael Saag, Ashita Tolwani, & Martin Young.

Residents Selected Their Top Ten Teachers



L to R: Drs. Ashita Tolwani, Dana Rizk, Brendan McGuire, Peter Phan, Ryan Kraemer, Todd Brown, Lisa Willett, and JR Hartig. (Not pictured: Drs. Jason Morris and Steve Stigler)

Advance Medical Education: “MedEd Moments”



“

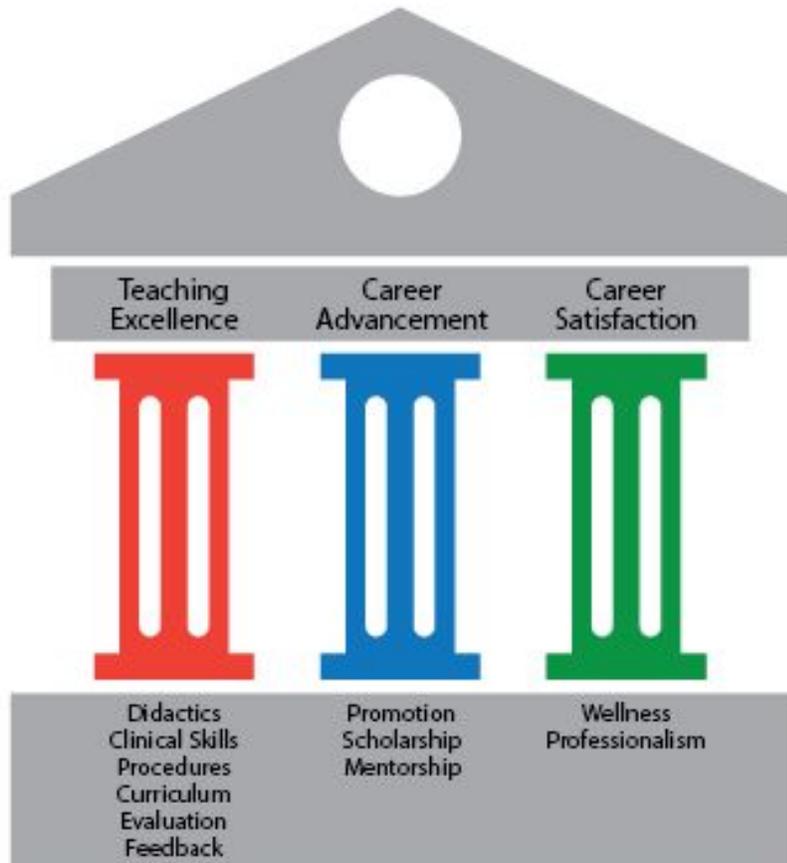
This video on “Setting Expectations” addresses an extremely important but under-recognized skill.

”

Dana Dunne, MD

Clerkship Director, Internal Medicine
Yale University School of Medicine

Academy of Medical Educators



- DOM Education Working Group
- SOM Department of Medical Education
- School of Health Professions
- \$500,000 Paul W. Burleson, MD, Endowment

Training Well-Rounded Physicians



“

As a graduate of the Tinsley Harrison Internal Medicine Residency Program, I can attest that the DOM faculty are dedicated to the personal and professional growth of our trainees.

”

Karla Williams, MD

Director of Diversity & Inclusion,
Internal Medicine Residency Program

OUR DISCOVERIES

Over 1,000 Discoveries in 2018



Ovalle, **Shalev**, et al:

Verapamil improved blood sugar control in Type 1 DM.

Nature Medicine



Zmijewski, **Thannickal**, et al:

Metformin reversed IPF in mice.

Nature Medicine



Lever, Bolisetti, Mrug, **Agarwal**, et al:

Kidney-resident macrophages may help heal AKI.

JCI Insight

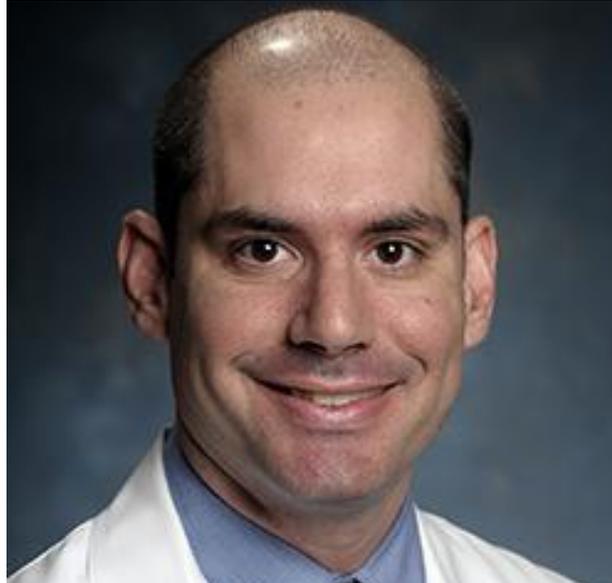
Over 1,000 Discoveries in 2018



Marrazzo, Hook, et al:

A new oral antibiotic can cure gonorrhea.

NEJM



Rowe et al:

CFTR correctors plus Ivacaftor improved lung function in CF.

NEJM



Saag et al:

Febuxostat increased mortality in people with gout - Allopurinol is safer.

NEJM

Over 1,000 Discoveries in 2018



Bodduluri, **Bhatt**, et al:

Airway destruction predicted
COPD progression.

JCI



Genschmer, Russell,
Gaggar, **Blalock**, et al:

PMN exosomes destroy
lung tissue in COPD.

Cell

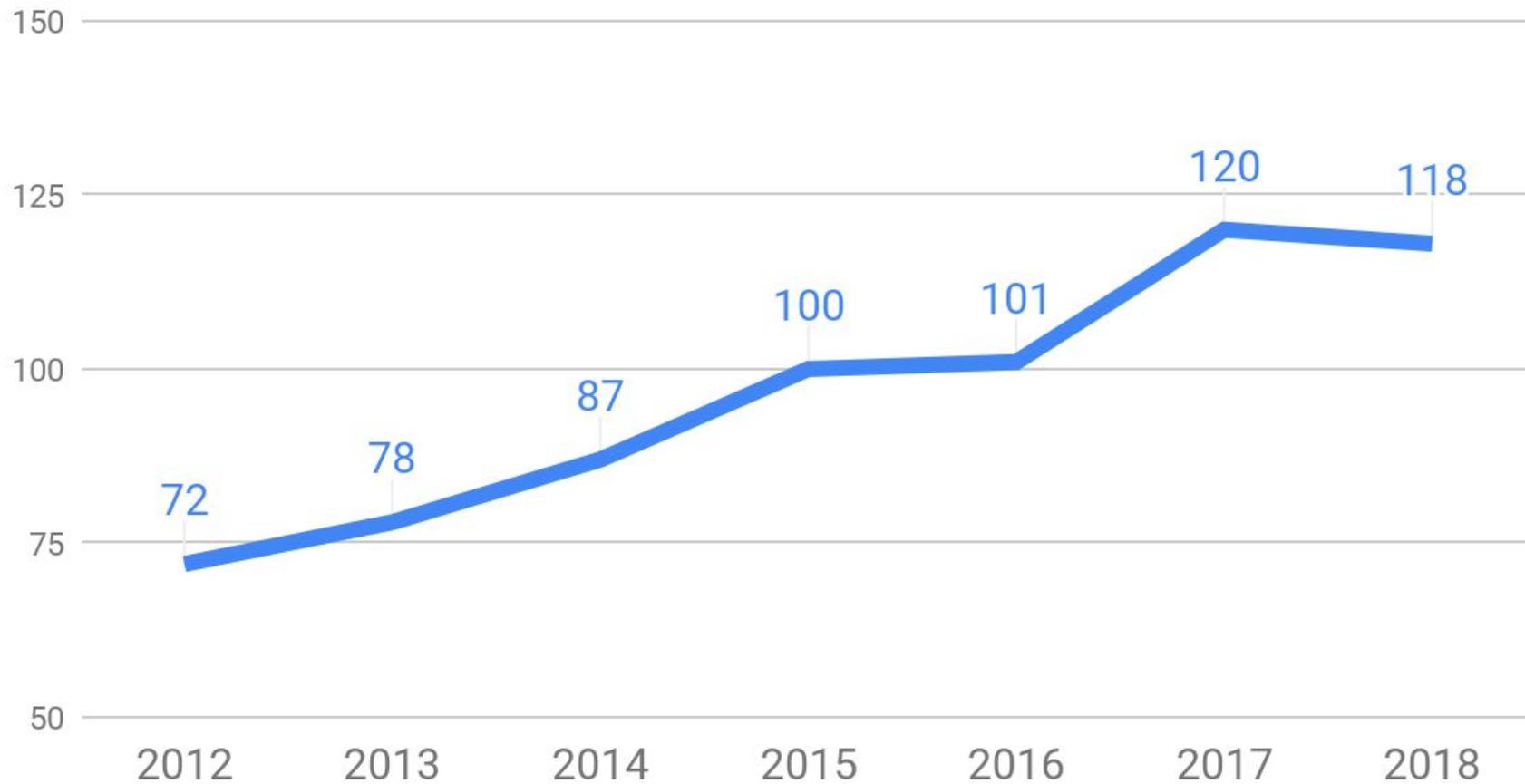


Wadley et al:

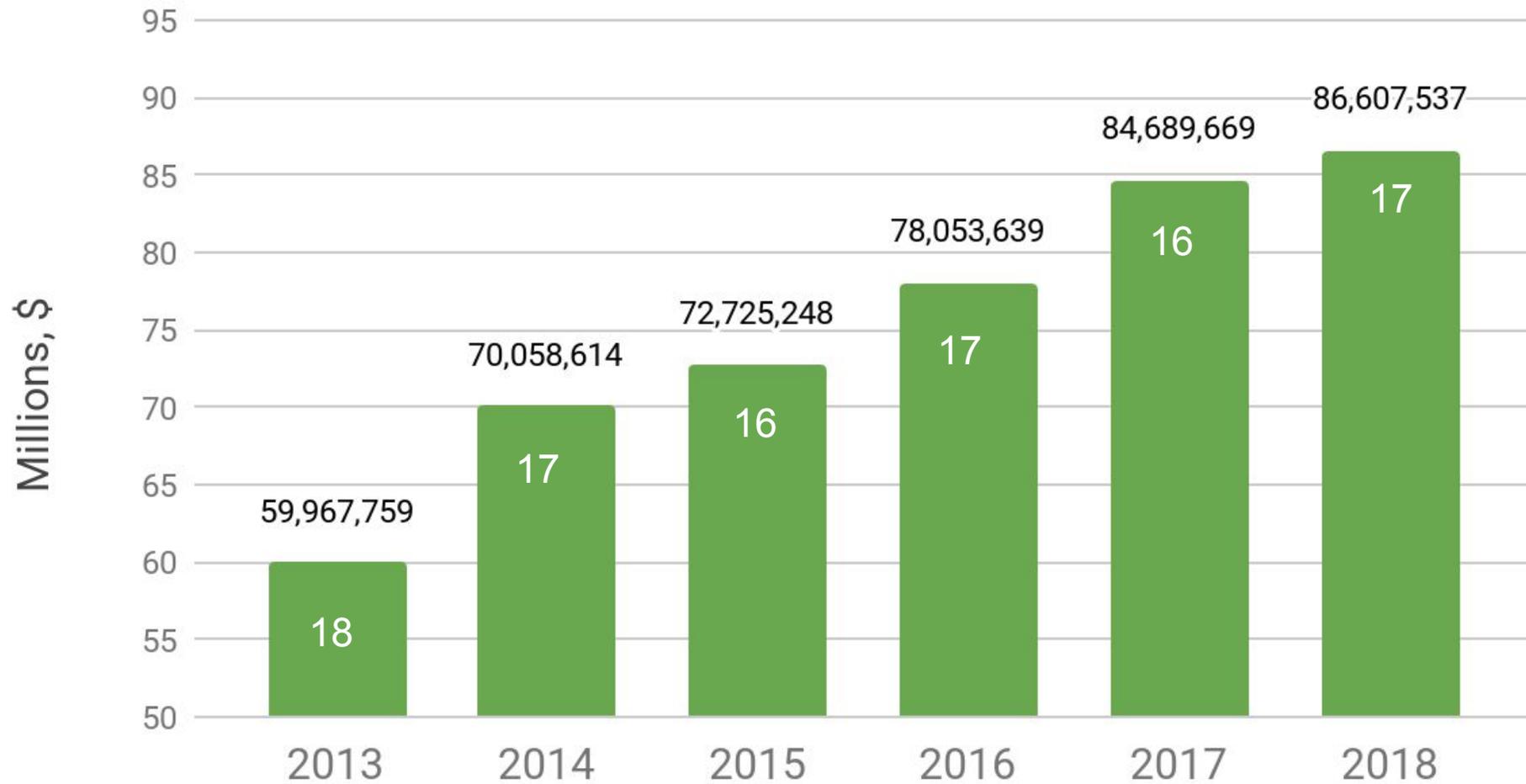
Intensive BP control may
slow cognitive impairment.

JAMA

NIH-funded Investigators in DOM



NIH Funding & Rank



The “Timing” of Investigation



“

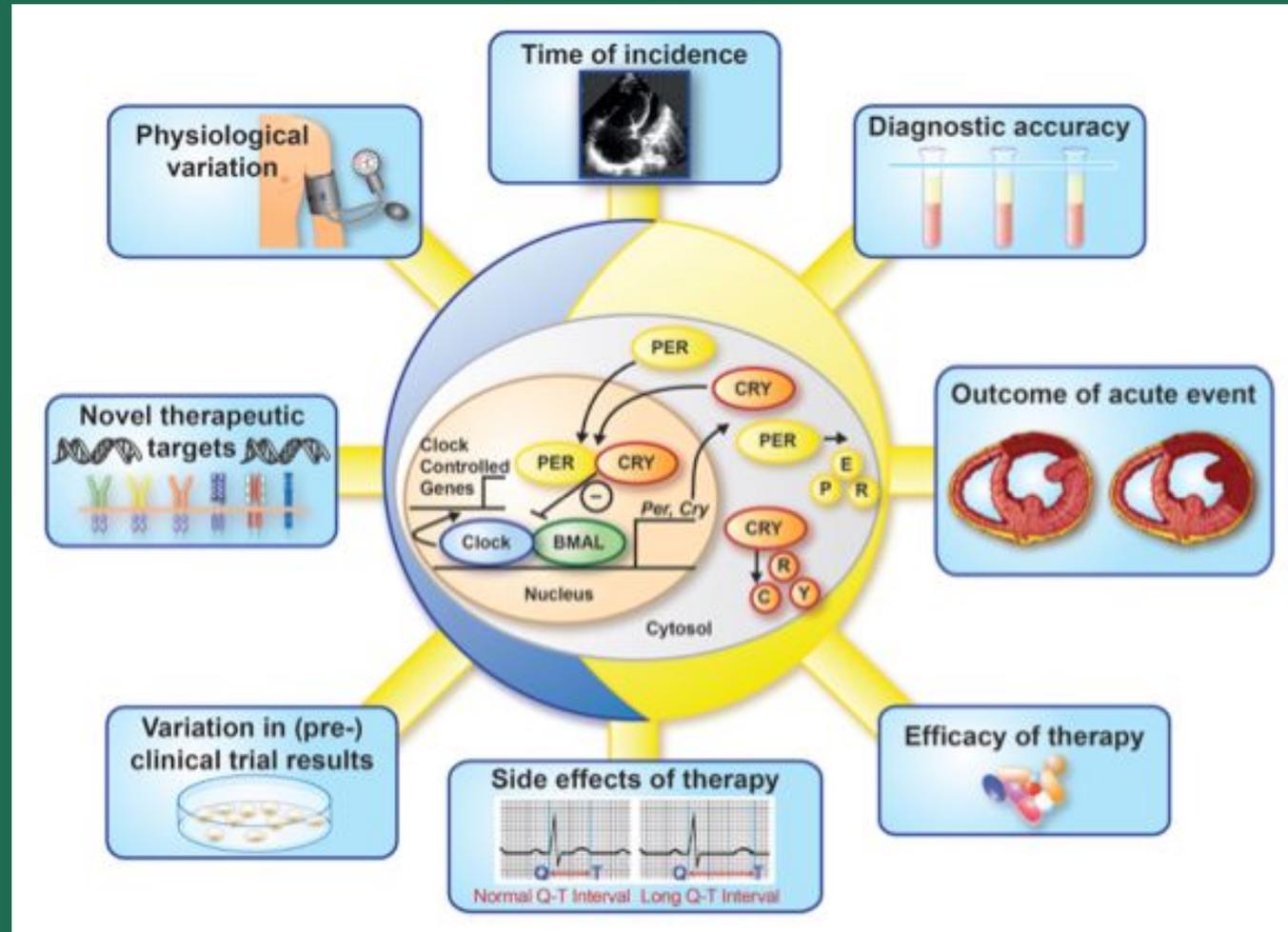
The heart is a markedly different organ in the morning than in the evening—molecularly, cellularly, and functionally.

”

Martin E. Young, DPhil

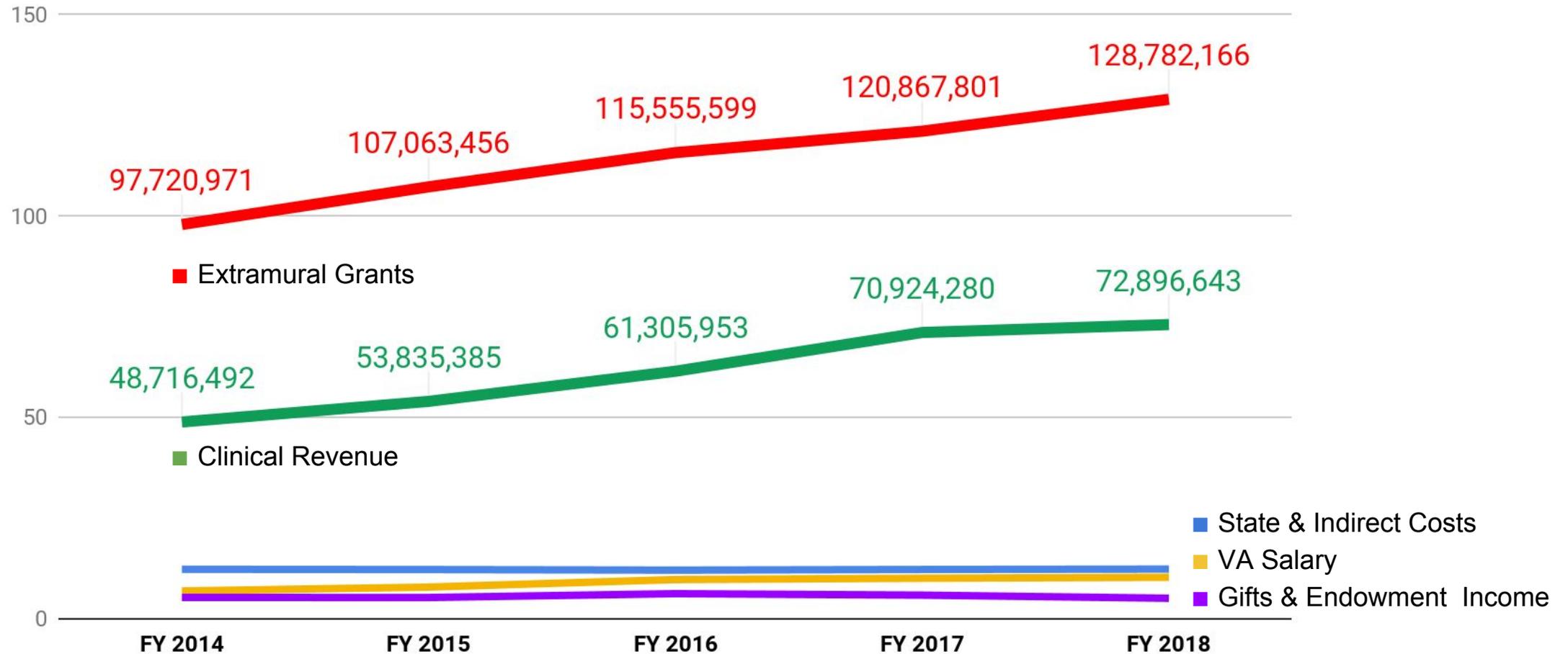
Professor, Cardiovascular Disease
Vice Director for CVD Research

Life and health is dictated by the clock...

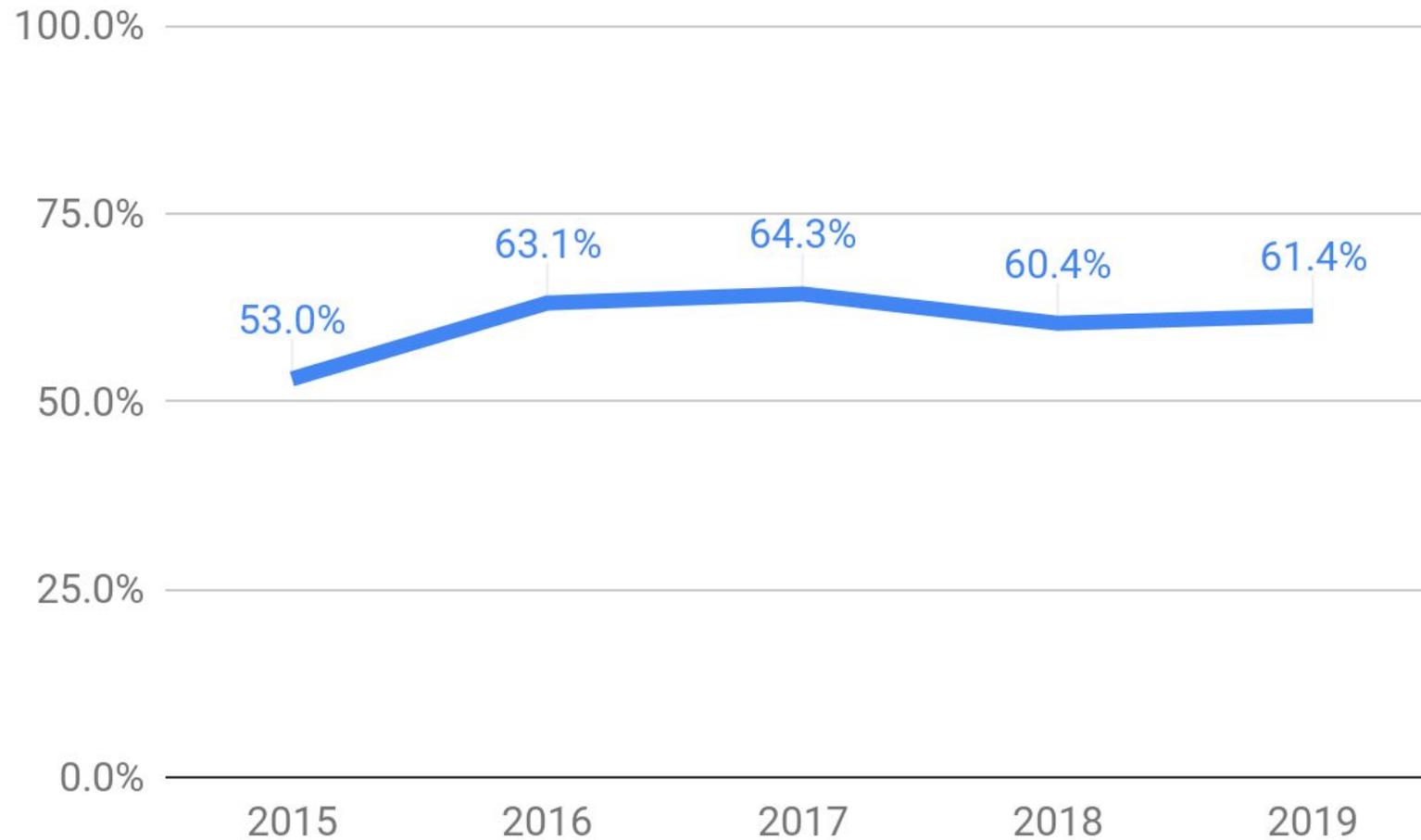


OUR RESOURCES

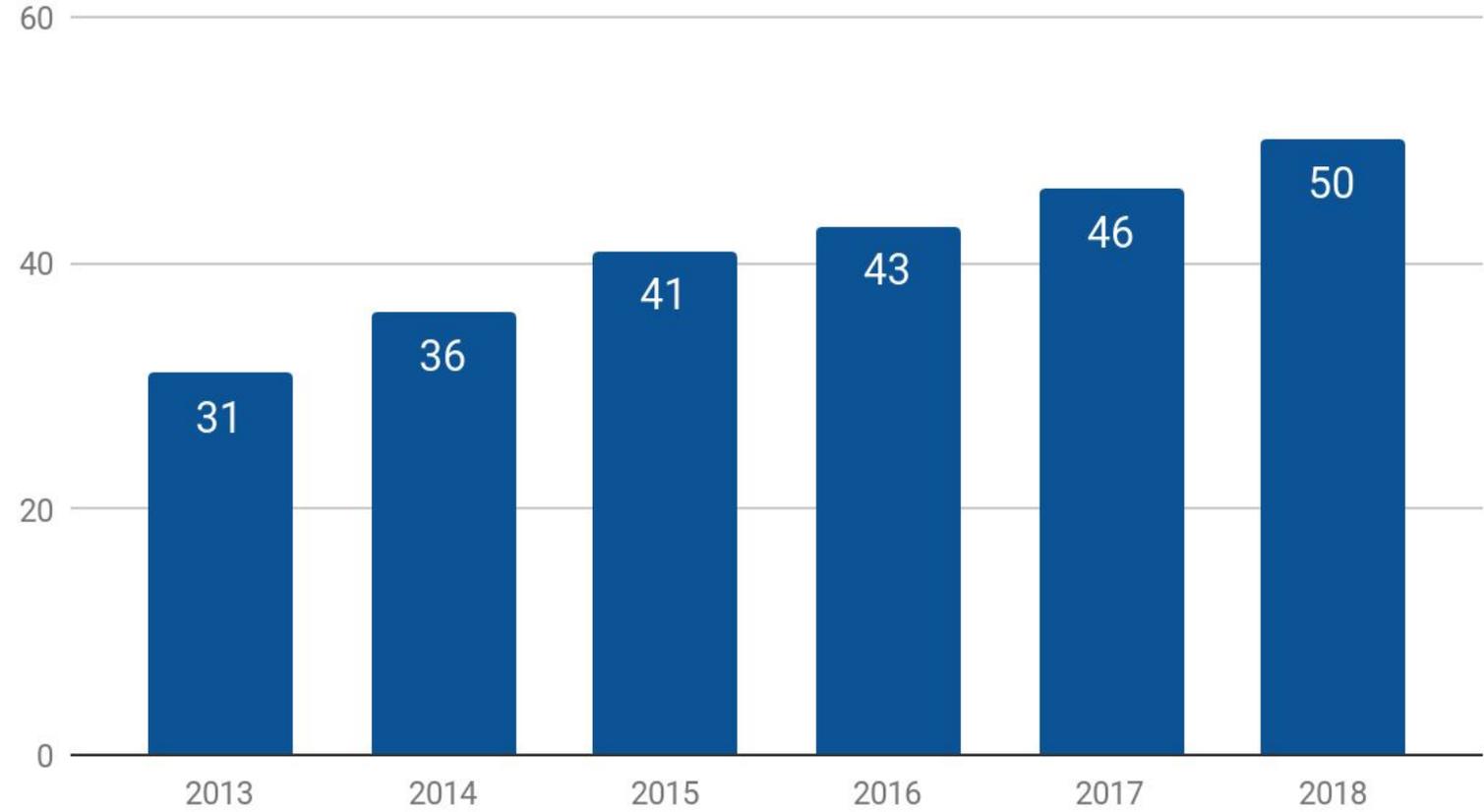
Follow the Money: Revenue FY2014-FY2018



Faculty (MD & PhD) with Salaries \geq AAMC Median



DOM Endowed Chairs and Professorships



Passion for Philanthropy



“

Philanthropy is a very personal mission for me, both to possibly improve the medical issues of our families, and to do the same for my patients.

”

Robert C. “Bob” Bourge, MD

Professor of Medicine, Radiology, & Surgery
Senior Vice Chair, Dept. of Medicine

OUR CULTURE

Our Values

Own It

Accountability
Stewardship



Do Right

Excellence
Integrity

Work Together

Collaboration

Always Care

Respect
Diversity & Inclusion

Our Employees of the Month



Top: Sherron Thornton, Casondra Matthews, Tanya Brecht, Sondra Curry, Sylvia Peral, Tatyana Waldrop, Jennifer Hicks

Bottom: Tonja Meadows, Kate Morgan, Sheri McFall, Sara Hannum, Rich Searles, Mozella Kerley



IM Residents Serve Cancer Patients at Hope Lodge

L to R: Drs. Anjali Das, Cameron Pywell, Cameron White, Jamey Hammock, Maritza Pantoja, and Jonathan Kalehoff

Professional Development of Faculty & Staff



- 119 Faculty & Staff have/are participating in Leadership DOM
- 17 Leadership DOM graduates enrolled in Peer2Peer Group Coaching
- DOM Senior Leaders have participated in two off-site leadership retreats

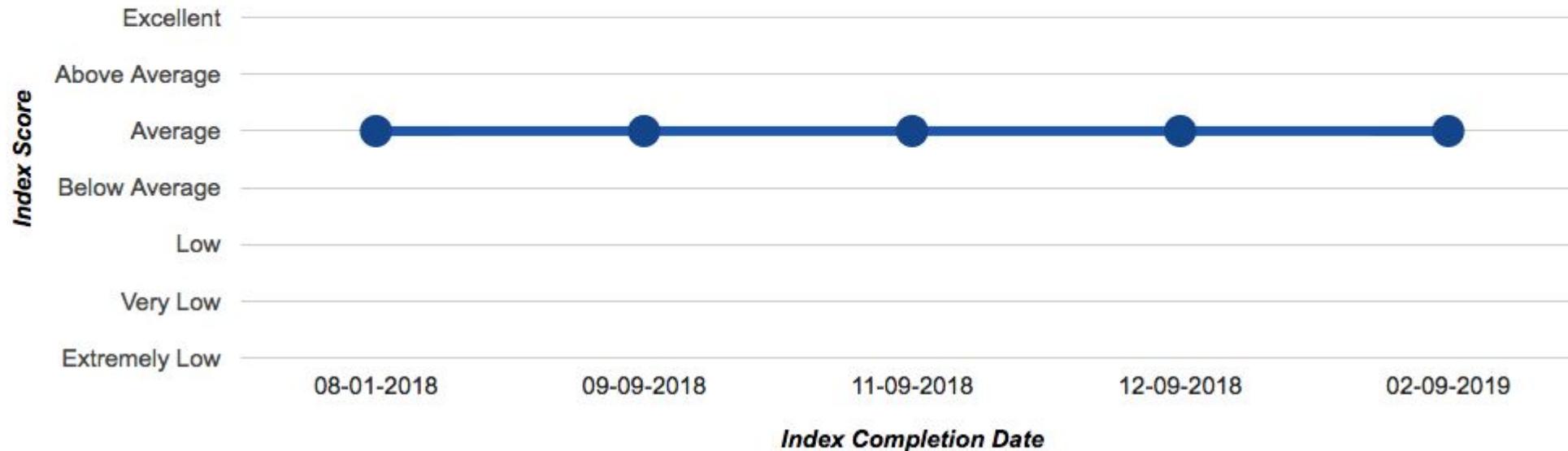


Caped Crusader for Well-Being

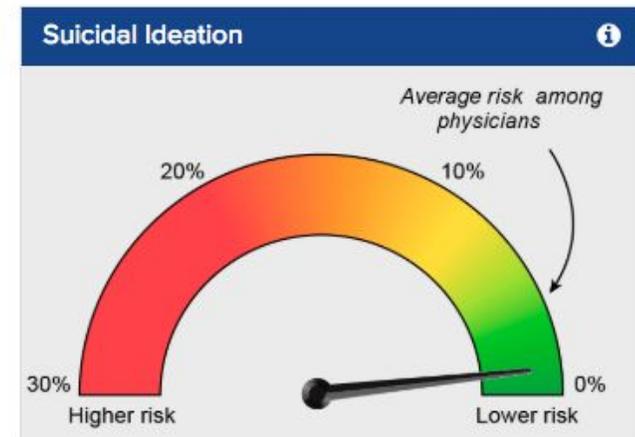
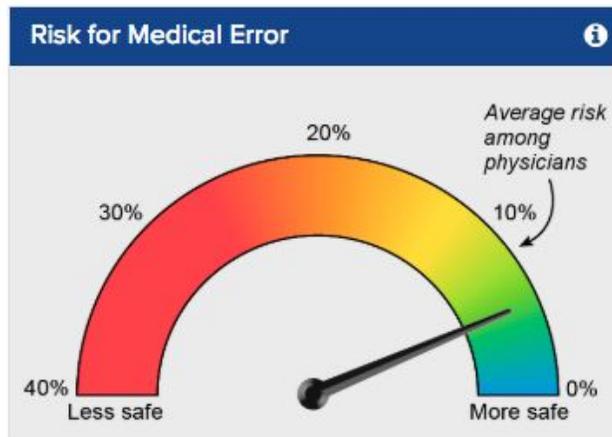
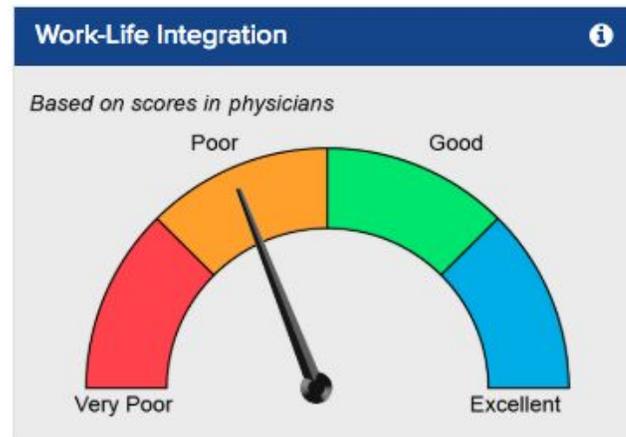
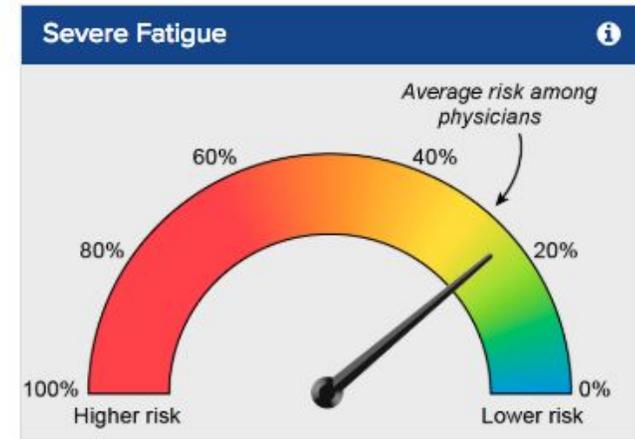
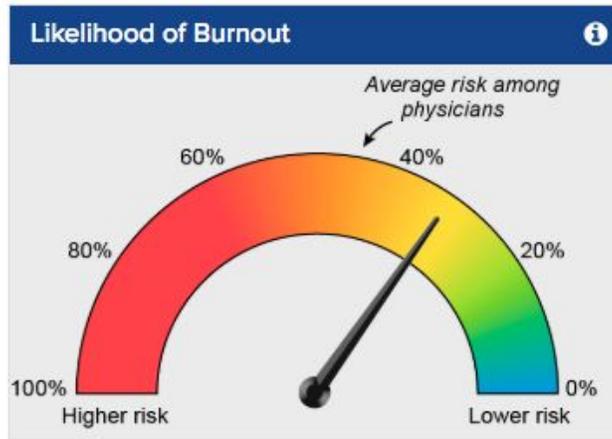
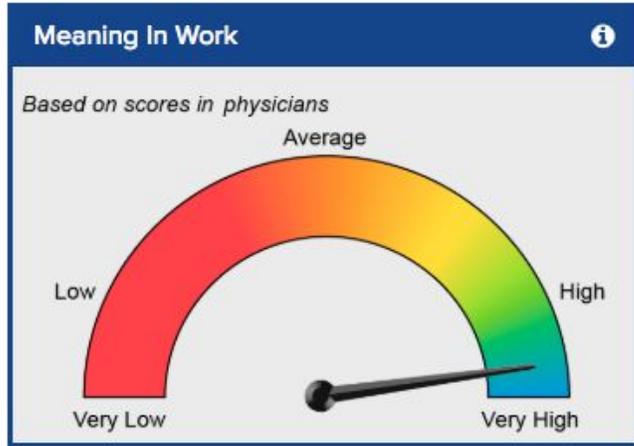
Team Well-Be: Riley Thornton, Dr. Well-Be, and Anna Threadcraft

Faculty Well-Being Index

My Well-Being Over Time



Well-Being Index - Dashboard



Fewer Burrs Under Our Saddles





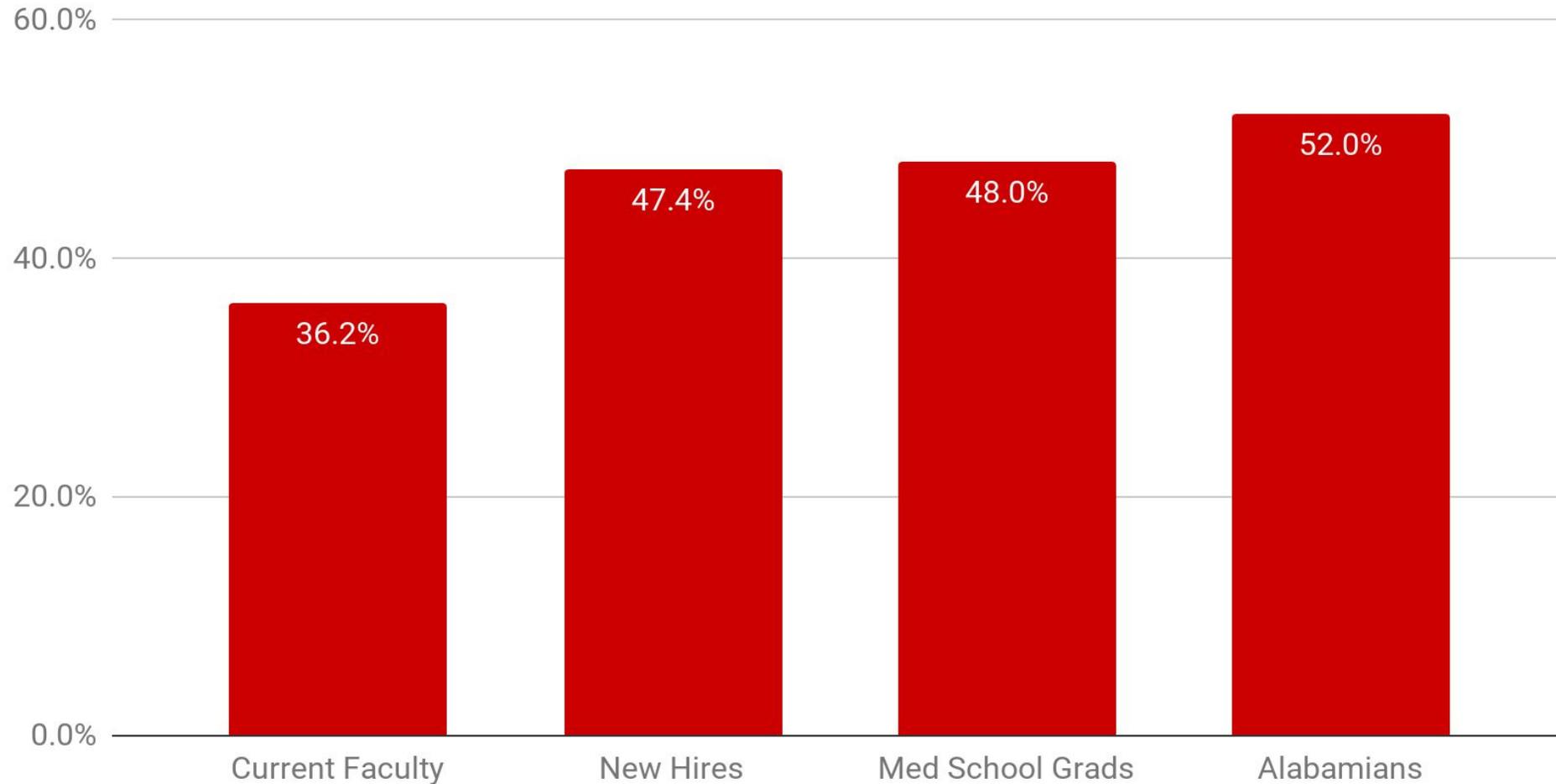
Key Wellness Findings

Issue	Frequency (% Divisions)	Pain Level (1-10)	Impact Score
EHR (& email)	91	10	9.1
Administrative Burden/Support	82	8	6.5
Financial Model	82	7	5.7
Transparency Issues	73	6	4.4

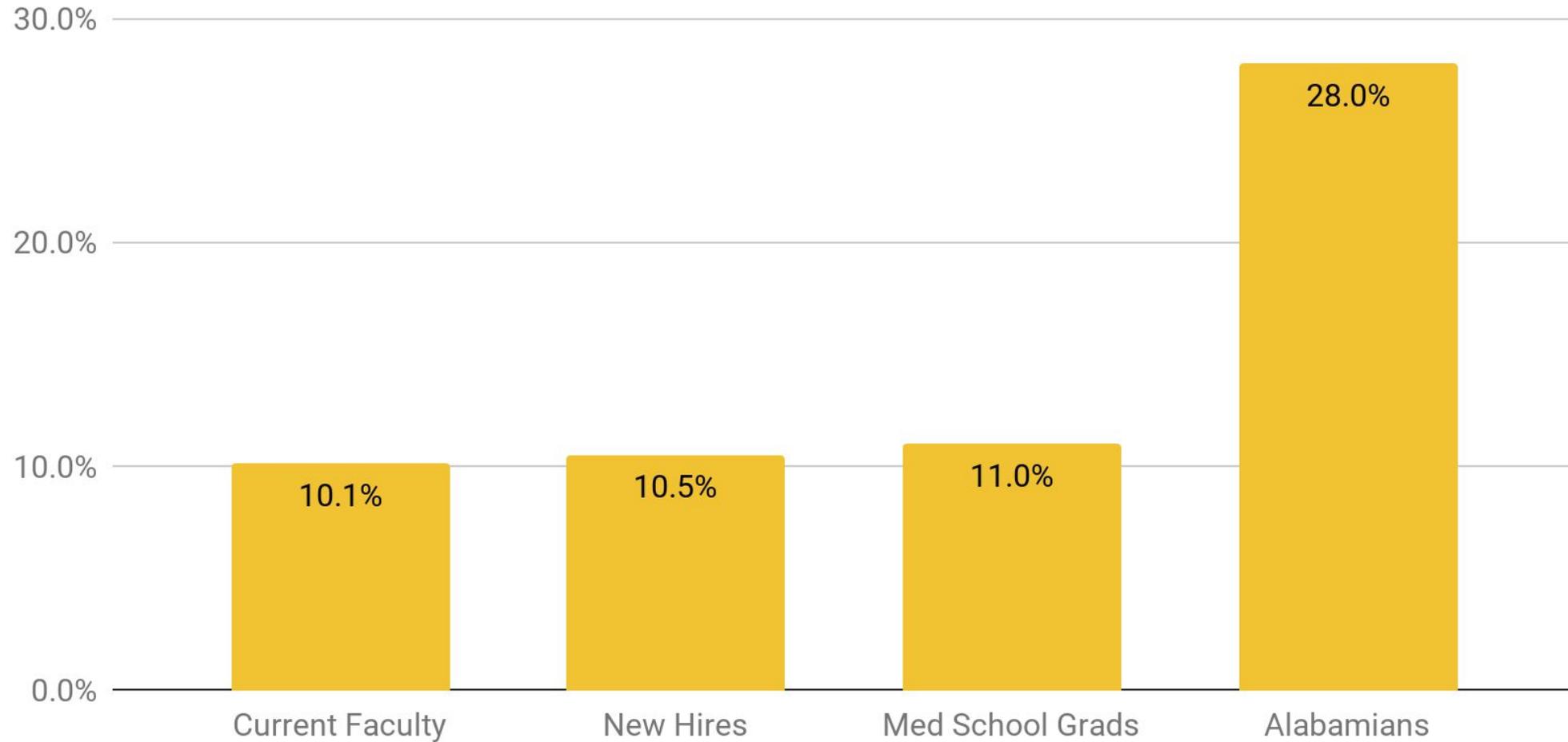
Diversity and Inclusiveness

- Different Divisions
- PhD faculty, MD faculty
- Different backgrounds and interests
- Come from around the world
- Teachers, Researchers, Clinicians

Women Faculty in Department of Medicine



Faculty Under-Represented in Medicine



A Vibrant, Diverse, Inclusive Culture

“

It can be difficult to work in a place where no one looks like you. We have done much to address this, and our work will continue to bear fruit in the days ahead.

”

Julian Booker, MD, MBA, MSHA, MSHQS

Associate Professor, Cardiovascular Disease



**WHERE DO WE GO
FROM HERE?**

What Are We About?

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



UAB Medicine's TOP Goals

- Top 10 Quality
- Top 10 Patient Satisfaction
- Top 20 NIH Funding & Discoveries
- Top Destination for Talent
- “Alabama’s Health System”

Challenges and Opportunities

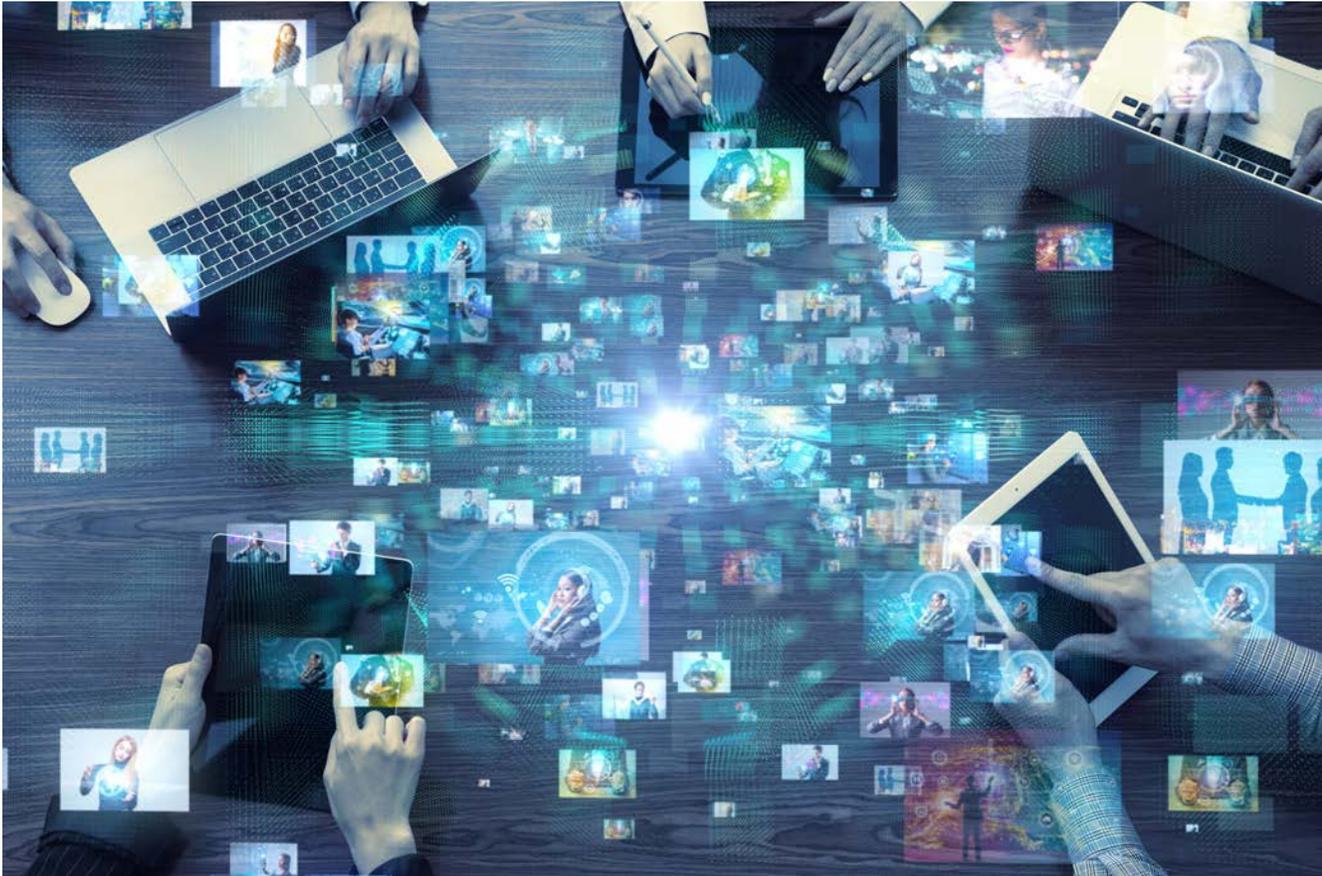
1. Disease
2. The World Is Changing
3. Quality
4. Our Systems
5. Our Wellness

1. Disease

Pick any disease. They are all worthy targets.

- Sickle Cell
- Heart Failure
- Lung Failure
- Any Cancer
- and more and more...

2. The world is changing.



**We are in
the midst of
a Digital
Revolution!**

Before the Digital Revolution, Communication Was One-Way



Then the audience started talking back

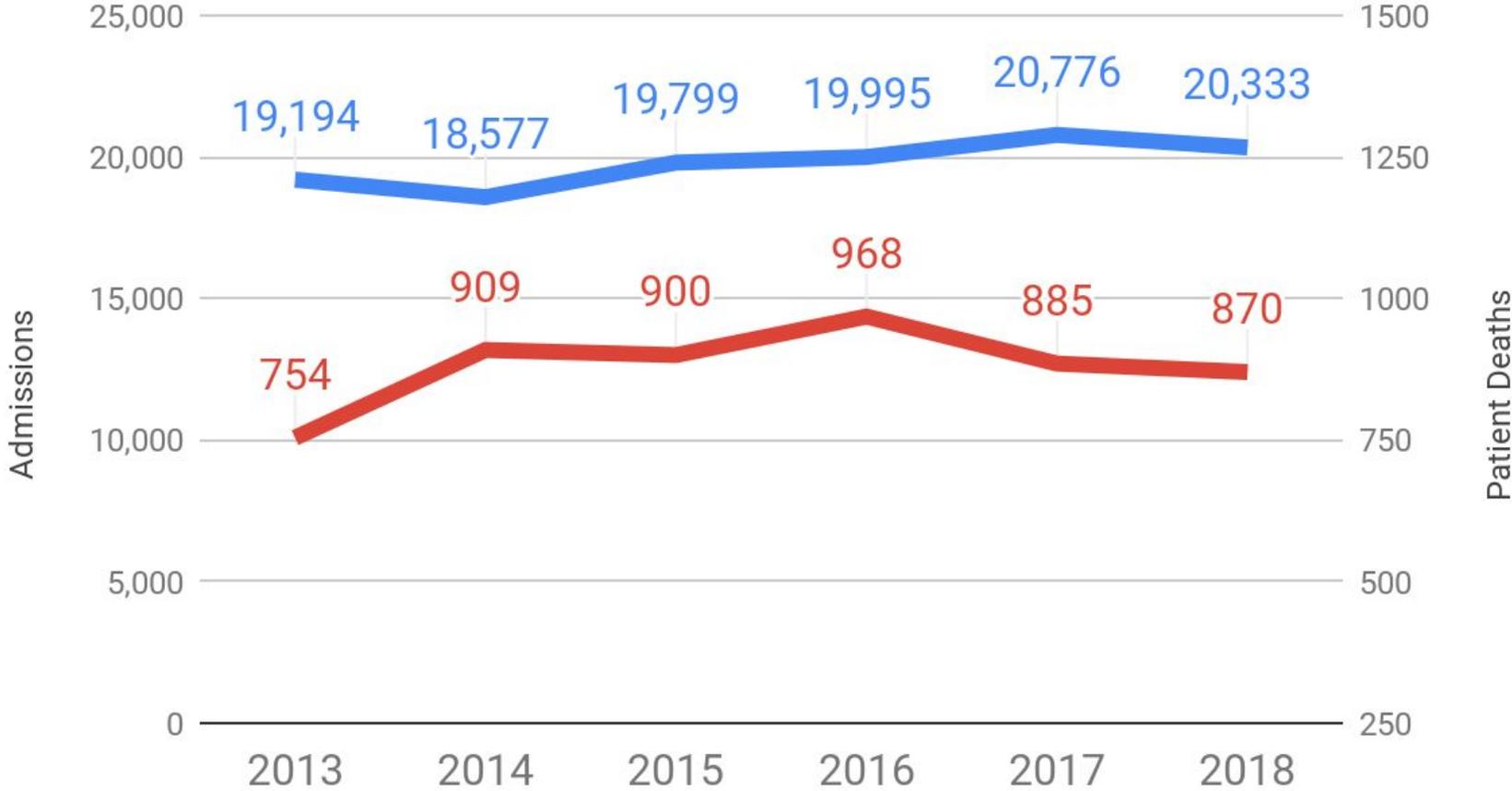


Now the audience has become a community



3. Quality

Inpatient Admissions and Deaths



4. Our systems

- Access
- Teams
- Organization of clinical services
- EMR

5. Our wellness

- Improve our systems. EMR!
- Build teams: each a leader, each a teammate
- Develop ourselves

What will success look like?

- ★ Big discoveries that improve health.
- ★ Money and space to catalyze discovery.
- ★ Talent Magnet.
- ★ Our systems will work better, with less friction.
 - Our patients will get the care they want and need.
 - We will work hard, not too hard, in high-functioning teams.
 - We like our salary plan.
 - EMR makes life easier and care better!

What will success look like?

- ★ We will know when care can be better, and we will make it so.
(Hypoglycemia, BMT, HIV, Vaughan RMC)
- ★ We will be well, living lives of joy and meaning.
 - Fewer burrs under the saddle, no arrows.
 - We will work as teams, building our lives together.

How will we do this?

- Be heroes
- Be civil
- Be curious, listen and learn
- Work hard



Thank you!



**You make our
Department amazing!**

**Grab a cookie on the way out,
and keep up the great work!**