

2014 | a n n u a l r e p o r t



THE FLORIDA STATE UNIVERSITY
COLLEGE OF MEDICINE

MISSION

The Florida State University College of

Medicine will educate and develop exemplary

physicians who practice patient-centered

health care, discover and advance knowledge,

and are responsive to community needs,

especially through service to elder, rural,

minority and underserved populations.



In 2014 we graduated our 10th class, and with our Class of 2015 we will have produced 910 graduates. They continue to match in great programs throughout the country — and while too many are doing residencies out of state, most come back to practice here in Florida. Our positive reputation continues to grow, as does the mountain of applications we receive. For the 120 slots in the Class of 2019, more than 6,200 hopefuls have applied.

When we celebrated our 10th anniversary in 2010, the head of the Association of American Medical Colleges said we had “the most focused mission statement I’ve ever seen for a medical school, and you’ve been relentless in every one of your programs to line up your activities with that mission statement.” We were founded with a specific goal at a time when it wasn’t clear to anyone else that the U.S. needed to train more doctors. The founders of this medical school knew better, bucked the national trend and set out to produce the kinds of doctors Florida would need for the future — particularly in primary care, underserved communities and rural areas.

So, how are we doing? With the help of graduate surveys and tracking, and the AAMC’s annual Missions Management Tool, we can proudly point to our outcomes and trends over the past five years. This annual report highlights many of those trends.

We also continue to be proud of our pipeline programs, which had their origins in our early years. Students from our Bridge to Clinical Medicine program have a 97-percent graduation success rate since 2001, indistinguishable from our overall 98.2 percent for all of our classes to date. Of the 63 Bridge grads who’ve entered residency programs so far, nearly three-fourths have chosen primary care.

This highly successful program has helped us to increase the number of qualified candidates for medical school from



backgrounds that are underrepresented in medicine, including minority students and students from rural communities. In fact, the College of Medicine has ranked above the 90th percentile nationally each of the past five years in the percentage of black or African-American graduates compared with all other medical schools.

Our Hispanic enrollment shows similar trends and has helped us to be in the nation’s top 10 for Hispanic medical students for five of the past eight years.

Having 10 years’ worth of alumni gives us not only more statistics to share but also more opportunities to let our former students inspire our current ones. Last August, we brought back Dr. Abby Hunter Peters, Class of 2011, to share her story with our brand-new Class of 2018. “I feel fortunate to have trained at a medical school that fosters, nurtures and develops compassion, empathy and dedication to the community,” Peters, who completed her residency at Wake Forest and now practices with Tallahassee Pediatrics, told the first-year students. “Unknowingly, you will gain a skill set over the next four years that most physicians learn in residency and beyond. . . . You will be competent, courageous, enthusiastic, professional and well-equipped to take on the next part of your career.”

I extend a special thank-you to the many friends and donors who have helped us nurture physicians such as Abby Peters. We are humbled by your trust in us. I feel blessed every day to work with an outstanding group of individuals who both tell our story and “walk our walk” to create the next generation of exemplary physicians.

Now I invite you to learn more about us in the pages of this annual report.

A handwritten signature in black ink that reads "John P. Fogarty". The signature is written in a cursive, flowing style.

John P. Fogarty, M.D.

Dean

Florida State University College of Medicine

HOW WE'RE UNIQUE

- The College of Medicine is community-based. Instead of learning in an academic medical center, where students see only the sickest patients and learn largely from residents, our students learn one-on-one from community physicians in their offices, clinics and other outpatient settings as well as in area hospitals. Those communities are all over the state, near our six regional campuses and our rural/clinical training sites.
- We're mission-driven. A large part of our mission (*see inside front cover*) is to serve the underserved. That starts with choosing the right students. Test scores are important, but so are other factors, such as where they grew up, what motivates them and how they already have served the community. We immerse our students in a culture that values diversity, mutual respect, teamwork and open communication — and a curriculum that prepares them to become lifelong learners.
- We're focused on primary care. We graduated our first class in 2005. Through 2015, more than half of our alumni matched in one of these primary-

care specialties: internal medicine, family medicine, pediatrics or obstetrics-gynecology. Most of our alumni now practicing in Florida are in primary care, and a good percentage of those are in a rural area, where recruiting new physicians can be a challenge.

ACADEMIC DEGREES

- M.D.
- Ph.D. in Biomedical Sciences
- Master of Science in Biomedical Sciences–Bridge to Clinical Medicine Major

FACILITIES

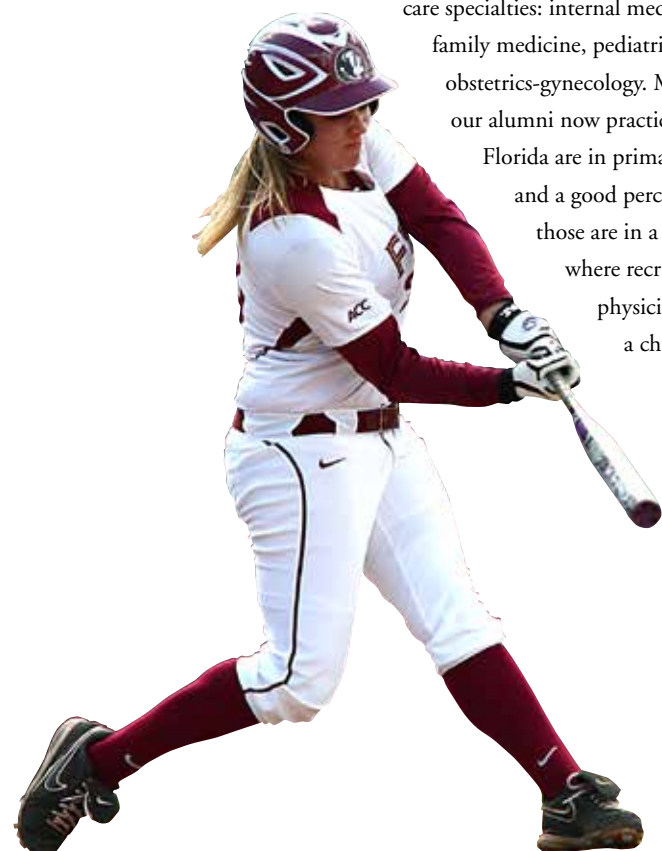
- On the main campus, the College of Medicine's two buildings (including a research building) total 300,000 gross square feet.
- Adding in the leased or owned buildings at the regional campuses and the Immokalee rural training site brings the total to more than 376,000 square feet.

STUDENTS (*as of Dec. 31, 2014*)

- Medical students: 484
 - 130 minorities underrepresented in medicine
 - 188 minorities in all (including Asian)
 - 450 Florida residents
 - 247 men
 - 237 women
- Bridge students: 13
- Ph.D. students: 30
- Postdoctoral fellows: 14

CLASS OF 2018 SNAPSHOT

- The class is split almost evenly between male (62) and female (59).
- The students' ages range from 20 to 37.
- Nearly twice as many did their undergraduate work at Florida State (55) as at the University of Florida (28).
- The class includes 19 students who are Hispanic (16 percent), 17 African-American (14 percent), 14 Asian/Pacific Islander (12 percent) and three Native American (2 percent).
- In keeping with the College of Medicine's mission to make medical school accessible to members of underserved communities, 29 students fall into the category of disadvantaged.
- Also in keeping with the mission, a handful of these students are first-generation college graduates; 12 come from counties designated as rural; and 33 are from Florida Panhandle counties.
- One student competed in the Women's College World Series.





- A number of students plan to return to the underserved communities where they once lived and provide compassionate care.
- Nearly all of them have volunteered untold hours improving the lives of others.
- Among the students' interests are motorcycle restoration, break dancing and hot sauce.
- One got hooked on science by watching "Jurassic Park" as a kid.



ALUMNI

Total: 910 (including Class of 2015). Of those graduates, 294 have completed residency and, in some cases, fellowship training and are now practicing physicians. Of those 294, 55 percent are practicing in Florida, and 61 percent of them are practicing primary care. (See where they're practicing, Pages 11-15.)

FACULTY

- Full-time: 132
- Part-time: 2,358

ACADEMIC DEPARTMENTS

- Behavioral Sciences and Social Medicine
- Biomedical Sciences
- Clinical Sciences
- Family Medicine and Rural Medicine
- Geriatrics

REGIONAL CAMPUSES

- Medical students spend their first two years at the main campus in Tallahassee. For Years 3 and 4, they work with physicians in communities across Florida and are based at one of six regional campuses.

- The college partners with more than 90 health-care organizations statewide and with about 2,500 physicians to provide clinical training to our students.

RESIDENCY PROGRAMS

The College of Medicine sponsors five residency programs: pediatrics and OB-GYN at Sacred Heart Hospital in Pensacola; internal medicine at Tallahassee Memorial Hospital; family medicine at Lee Memorial Hospital in Fort Myers; and surgery at Tallahassee Memorial. In addition, the college will be sponsoring new residency programs in internal medicine at Sarasota Memorial Hospital and dermatology at Dermatology Associates (DA) in Tallahassee. DA already has a dermatology fellowship position sponsored by the college.



CONTACT US

MAIN CAMPUS
1115 W. Call St.
Tallahassee, FL 32306-4300

850-645-9698

info@med.fsu.edu

www.med.fsu.edu



TABLE OF CONTENTS

8

■ THE PHYSICIANS WE PRODUCE

16

■ MEASURES OF MEDICAL EDUCATION QUALITY

28

■ OUTREACH AND DIVERSITY


32

■ DISCOVERY

38

■ THANKS TO OUR SUPPORTERS





Our mission is to educate and develop exemplary physicians who practice patient-centered health care, discover and advance knowledge, and are responsive to community needs, especially through service to elder, rural, minority and underserved populations.

During the College of Medicine's most-recent reaccreditation, one comment stood out among several areas of strength cited by the Liaison Committee on Medical Education:

"The College of Medicine is a student-centered, educationally focused organization in which decision-making and priority-setting are guided by its primary mission to develop exemplary, patient-oriented physicians."

It's the kind of impartial judgment that helps to reaffirm that Florida State's medical school is doing what it set out to do when it was created in 2000. Unfortunately, when that opinion was rendered five years ago there was no regular, third-party evaluation for medical schools to look toward in assessing performance in relation to their mission.

The Association of American Medical Colleges (AAMC) has since addressed that problem.

It created a new report that clearly illustrates how schools are doing in comparison with one another in vital mission areas. It's called the Missions Management Tool (MMT) and Missions Dashboard.

"These distinct variables help express the diverse missions of our nation's medical schools as they collectively address its health issues," said John E. Prescott, M.D., AAMC chief academic officer.

On the following pages you'll see what the MMT says about the College of Medicine's performance in several areas directly related to its mission (found at the top of this page).

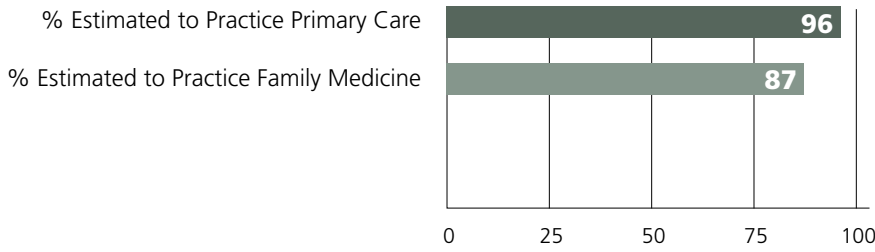
Medical School Missions Dashboard

Florida State University College of Medicine

Graduate a Workforce That Will Address the Priority Health Needs of the Nation



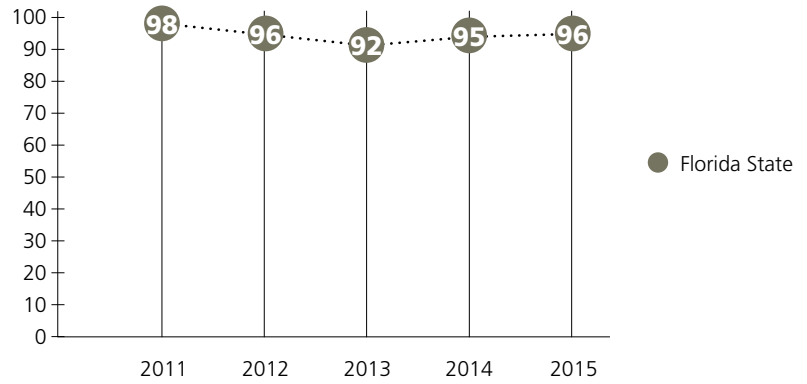
2015 Percentiles



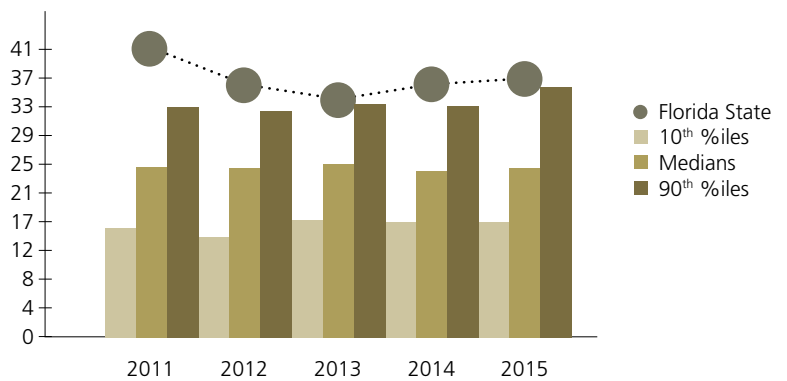
Trends

Percent Estimated to Practice Primary Care

Percentile Ranking Compared with All Schools

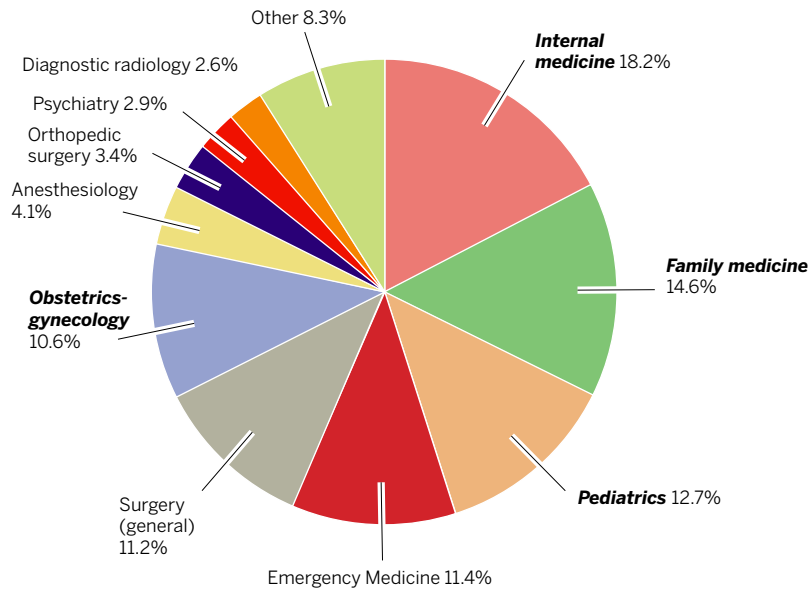


Actual Values (Percentage of Graduates)



Comment: The percentage of FSU medical students estimated to practice in areas of need has rated no worse than the 92nd percentile over the last five years.

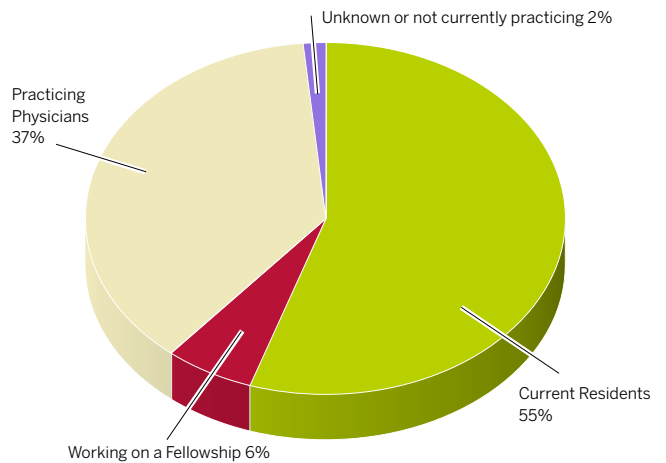
MATCH DAY RESULTS, 2005-2015



(Bold italics denote primary care specialties)

COLLEGE OF MEDICINE ALUMNI

- First class graduated – 2005
- 294 current practicing physicians
- 58 percent of those in primary care
- 163 practicing in Florida (55 percent)
- 99 of those practicing primary care in Florida (61 percent)
- 39 family physicians
- 21 pediatricians
- 20 OB-GYNs
- 19 general internal medicine
- 27 physicians (17 percent) practicing at rural or medically underserved sites in Florida
- 49 alumni physicians located in the Florida Panhandle from Perry to Pensacola
- 104 chief residents out of 450 graduates (2005-2011) -- 23 percent
- 44 alumni on the College of Medicine clinical faculty
- 61 percent of the 795 alumni (classes of 2005-2014) in residency or fellowship training



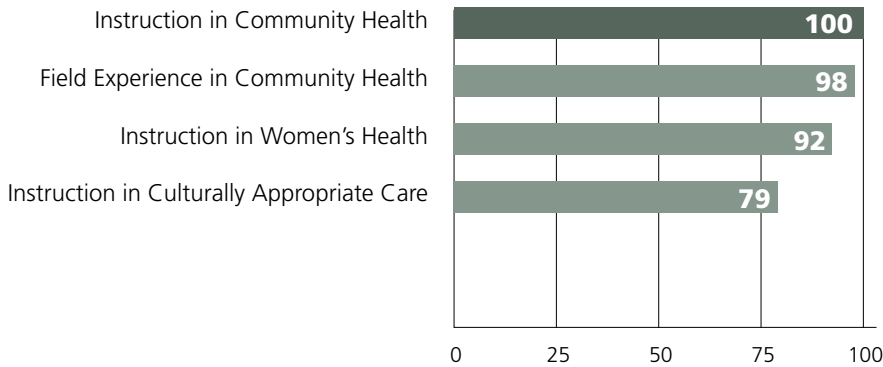
Medical School Missions Dashboard

Florida State University College of Medicine

Prepare Physicians to Fulfill the Needs of the Community



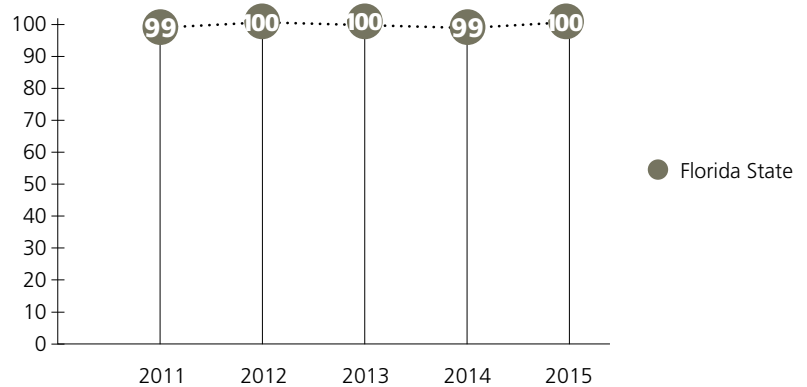
2015 Percentiles



Trends

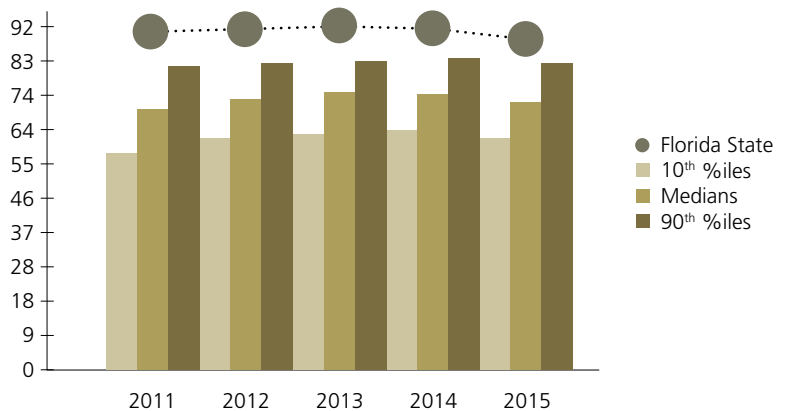
Time Devoted to Your Instruction in Role of Community Health and Social Service Agencies

Percentile Ranking Compared to all Schools



Comment: In the last five years Florida State rated either in the 99th percentile or as the top medical school in the country for instruction in community health. The College of Medicine has rated in the 98th percentile (or better) each of the last five years for the amount of field experience it gives its students in community health. The college also gets high marks for instruction in women's health and in culturally appropriate care.

Actual Values (Percentage of Graduates Responding 'Appropriate')



FLORIDA STATE UNIVERSITY COLLEGE OF MEDICINE ALUMNI PRACTICING IN FLORIDA

(as of March 2015)

Class of '05

Christie Alexander**
 Julie Barré
 David Bojan
 Natosha Canty
 Garrett Chumney**
 Shayla Gray**
 Fawn Harrison**
 Michael Hernandez
 Alex Ho**
 Joda Lynn
 Ajay Mhatre
 Javier Miller**
 Jason Rocha
 Neil Rodgers
 Lorna Stewart

Perry/Tallahassee
Orange Park
 Plantation
 Tallahassee
Blountstown/Tallahassee
 Tallahassee
Arcadia
 Jacksonville
 Tallahassee
Perry
 Tallahassee
 Orlando
 Pensacola
Lakeland
 Tallahassee

Family medicine
 Orthopedic surgery
 Emergency medicine
Family medicine
 ER/**Family medicine**
Family medicine
Pediatrics
Internal medicine
 Emergency medicine
 Emergency medicine
 Cardiology
 Urology
 Orthopedic surgery
 Emergency medicine
Internal medicine

Class of '06

Jason Acosta**
 Sandra Brafford
 Kara Brooks
 David Drossner
 Jason Farrah
 Brian Gibson
 Manny Herrera**
 Victor Hultstrand
 Melissa Launder
 Matthew Lee**
 Stephanie Lee**
 Mark Leyngold
 Kevin McLean
 Aaron Nordgren
 Stelio Rekkas
 Regan Rostorfer**
 Chris Sundstrom**
 Luc Tran
 Esther Vildor-Dazil

Maitland
 Tallahassee
Crestview
 Palm Beach Gardens
Ocala
 Panama City
 Orlando
 Pensacola
Port Richey
 Tallahassee
 Tallahassee
 Gainesville
 Orlando
 Sunrise
 Bradenton
 Orlando
 Tallahassee
 Sarasota
 Jacksonville

Anesthesiology
Family medicine
Family medicine
Pediatrics
 General surgery
 Otolaryngology
OB-GYN
OB-GYN
Family medicine
 Orthopedic surgery
OB-GYN
 Plastic Surgery
 Diagnostic radiology
 Diagnostic radiology
 General surgery
 Hematology/oncology
OB-GYN
 Psychiatry
Internal medicine

Class of '07

Robin Albritton**
 Sady Armada Alpizar
 Tristan Altbuch
 Jorge Barrero
 John Beach
 Sandy Calle
 Shani-Kay Chambers
 Erin Connelly
 Robert Crescentini
 Andrew Gamenthaler**
 Rosemary Garcia Getting
 Roberto Gonzalez
 Charles Hotte
 Timothy Kubal
 Adam Langley**
 Kyle Moyles
 Nishita Patel**
 Bina Patel-Elío
 Josef Plum
 Kristen Shepherd**
 Beau Toskich
 Gary Visser**
 Brandy Willis

Marianna
 Clearwater
 Gainesville
 Fort Lauderdale
 Fort Lauderdale
 North Miami
Winter Haven
 West Palm Beach
Plant City
 Daytona Beach
 Tampa
 Miami
 Oakland Park
 Tampa
 Ocoee
 Melbourne
 Winter Park
 Tampa
 Tallahassee
 Sarasota
 Gainesville
 Ocoee
 Tallahassee

Family medicine
Internal medicine
 Orthopedic surgery
 Nephrology/Hypertension
 Emergency medicine
Pediatrics
Pediatrics
Pediatrics
 Hematology
 General surgery
 Anesthesiology
 Gastroenterology
 Gastroenterology
 Oncology/Hematology
Family and sports medicine
 Orthopedic surgery
 Ophthalmology
Family medicine
Family medicine
OB-GYN
 Diagnostic radiology
Family and sports medicine
Family medicine

Class of '08

George Amyradakis
 Jessica Auffant**
 Murray Baker
 Todd Besnoff
 Matthew Buckler
 Kristen Caldwell
 Ashley Cauthen
 Charles Clark III
 Paola Dees
 Tanya Evers**
 Ashley Fox
 Nathanael Hawkins
 Patrick Hawkins**
 Lindsay Hinson-Knipple
 Marie Jeoboam
 Amy Neal**
 Michelle Norden
 Anjan Patel**
 Nehali Patel
 Randa Perkins**
 Ivan Porter
 Sarah Ritchie
 Amanda Shearer
 Seth Smith
 John Streacker
 Marla Trapp**
 Cody VanLandingham
 Anne Whitlock**
 Nikita Wilkes
 Jeremy Williams

Winter Park
 Orlando
 Tallahassee
 Clearwater
 Orlando
 Jacksonville
Ocala
 Gainesville
 St. Petersburg
 Tallahassee
 Fort Lauderdale
Apalachicola
Bonifay
 Tampa
 St. Petersburg
 Tallahassee
 Lake Mary
 Sarasota
 Gainesville
 Tallahassee
 Jacksonville
 Gainesville
 Tallahassee
 Gainesville
 Tallahassee
 Jacksonville
 Tallahassee
Santa Rosa Beach
 Jacksonville
Lakeland

OB-GYN
OB-GYN
 Emergency medicine
 Cosmetic services
 Diagnostic radiology
OB-GYN
 Dermatology
 Ophthalmology
Pediatrics
OB-GYN
 Emergency medicine
 Emergency medicine
Family medicine
OB-GYN
Family medicine
Family medicine
Pediatrics
Internal medicine
Internal medicine
Family medicine
 Nephrology/Hypertension
Pediatrics
Family medicine
Family medicine
Family medicine
Geriatrics
Family medicine
OB-GYN
OB-GYN
 Emergency medicine

Class of '09

Ellen Abellana
 Taalibah Ahmed
 Ryan Baker**
 Christina Brennan
 Casey Carrigan
 Jeffrey Chiu
 Leslie Davis-Singleton
 Irmanie Eliacin
 Amy Harrison
 Alisa Holland
 Jonathan Journey
 Steele Lancaster
 Jennifer Maziad**
 Langdon Morrison
 Natalie Munoz-Sievert
 Teresa Nodal
 Stephanie Prada
 Shannon Roberts
 Richard Rodriguez
 Leslie Sanders
 Chelsea Tehan
 Melanie Thomas
 Stephen Viel**
 Mai Vo**
 Jennifer Walker

Orange Park
Cutler Bay
 Sarasota
 St. Augustine
 Jacksonville
 Orlando
 Jacksonville
 Jacksonville
 Miami
 Tallahassee
 Tampa
 Gainesville
 Tallahassee
 Maitland
Venice
 Orlando
 Miami
 Orlando
Venice
 Tampa
 Pensacola
Bradenton-+
 Pensacola
 Daytona Beach
 Ocoee
Pace

Anesthesiology
OB-GYN
Family medicine
 Dermatology
 Neurology
 General surgery
Internal medicine
Family medicine
Internal medicine
Internal medicine
 Emergency medicine
Internal medicine
 Anesthesiology
 Emergency medicine
OB-GYN
Pediatrics
Internal medicine
 Emergency medicine
 Emergency medicine
OB-GYN
Pediatrics
Internal medicine
 Emergency medicine
Internal medicine
Pediatrics

Class of '10

Brandon Allen
 Alleza Allison
 Tanya Anim
 Megan Bagwell**
 Kristen Barrie
 Marjorie Bhogal**
 Elizabeth Dickens**
 Brian Gadbois
 Tracy Graham**
 Mary Hilal
 Bernice Hippolyte
 Noureen Idrees-Asad
 Carolyn Johnstone
 Melissa Kozakiewicz
 William Long
 Nicole McCoy**
 Molly McIntyre
 Maureen Mendoza
 Jimmy Moss
 Heidi Neal Kenney
 Chiaka Oparaocha
 Nora Pepper**
 Kate Ross**
 Vanessa Vasquez
 Chantel Walker
 Jill Ward
 Tiffany Wells
 Cortney Whittington

Gainesville
 Pensacola
Gainesville+*
 Daytona Beach
 Tampa
 Daytona Beach
Quincy
 Tampa
 Tallahassee
 Orlando
 St. Petersburg
 Boca Raton
 Trinity
 Pensacola
 St. Augustine
 Tallahassee
 New Port Richey
 Miami
 Jacksonville
 Jacksonville
 Orlando
 Tallahassee
 Sarasota
 West Palm Beach
 Jacksonville
 Orlando
 Jacksonville
 Tallahassee

Emergency medicine
OB-GYN
Family medicine
OB-GYN
 Anesthesiology
OB-GYN
Family medicine
 Psychiatry
 Emergency medicine
Internal medicine
Family medicine
Pediatrics
 Emergency medicine
OB-GYN
 Emergency medicine
Pediatrics
 Emergency medicine
Pediatrics
 Anesthesiology
 Emergency medicine
Internal medicine
Pediatrics
 Dermatology
 Emergency medicine
Pediatrics
 Emergency medicine
OB-GYN
Family medicine

Class of '11

Rachel Bixler
 Philip Burke
 Amanda Cooke
 Kathleen Crick
 Jeffrey Cummings
 Komal D'Souza
 Shannon Davis
 Rafael de la Puente**
 Marlisha Edwards
 Daniel Gordon
 Tashara Gray
 Monique Gray-Jefferson
 Stacia Groll
 Joshua James
 Brett Lorenzetti
 Layla Lundquist-Smith
 Kim Maguire
 Elizabeth Marquez
 Abby Peters**
 Gregory Peters**
 Shaila Siraj
 Alex Thacker
 Tina Tso**

Port St. Joe
Clermont
 St. Petersburg
 Orlando
 Tampa
 Tampa
 Miami
 Sarasota
 Tallahassee
 Safety Harbor
 Melbourne
 Jacksonville
 Tallahassee
 Panama City
 Ocala
 Pensacola
 Tampa
 Jacksonville
 Tallahassee
 Tallahassee
 St. Petersburg
 Bradenton
 Daytona Beach

Family medicine
Internal medicine
Pediatrics
Pediatrics
Internal medicine
Family medicine
Internal medicine
 Emergency medicine
Family medicine
Family medicine
Pediatrics
Family medicine
Family medicine
 Emergency medicine
 Emergency medicine
Family medicine
Internal medicine
Family medicine
Pediatrics
 Emergency medicine
Pediatrics
Family medicine
Family medicine

Bold denotes primary care

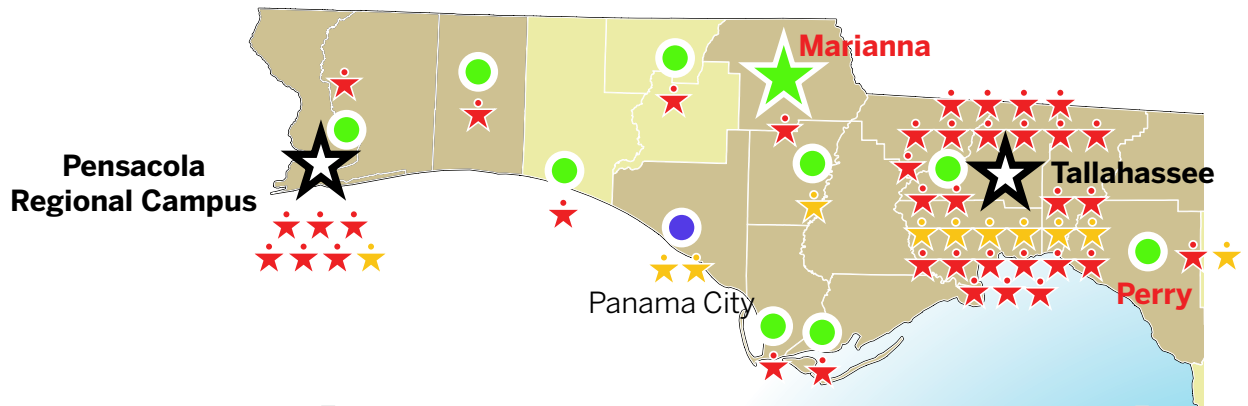
Red denotes practice in rural or urban underserved area

** – College of Medicine faculty member

+ – Manatee County Rural Health Services

+* – National Health Service Corps site

MORE OF THE PHYSICIANS FLORIDA NEEDS MOST




49 New physicians in the Florida Panhandle, from Perry to Pensacola

39 Providing primary care

11 In rural or medically underserved areas

MAP LEGEND

-  Regional campus and surrounding counties
-  Regional campus
-  Rural site
-  Primary care
-  Other specialties
-  Non-rural areas
-  Rural areas





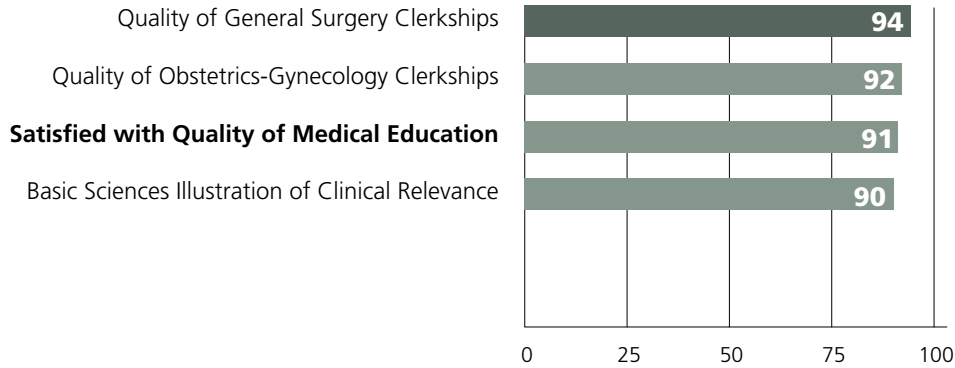
Medical School Missions Dashboard

Florida State University College of Medicine

Provide High-Quality Medical Education as Judged by Your Recent Graduates



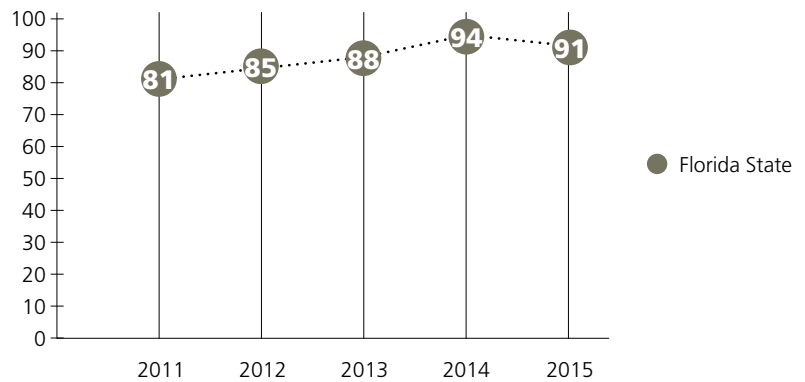
2015 Percentiles



Trends

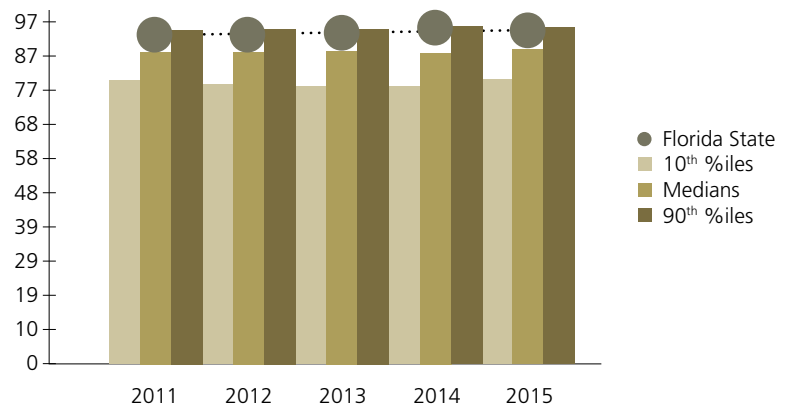
Satisfaction with the Quality of Medical Education

Percentile Ranking Compared with All Schools



Comment: The College of Medicine rates in the top 10 percent nationally for how its alumni feel about the education they received in several areas, including surgery and OB-GYN clerkships and overall satisfaction with their medical education.

Actual Values (Percentage of Graduates Responding Good or Excellent)





SNAPSHOTS OF A QUALITY MEDICAL EDUCATION PROGRAM

FSU College of Medicine alumni are more satisfied with the medical education they received than are 91 percent of alumni graduating from other medical schools. That’s what the Association of American Medical Colleges Missions Management Tool tells us.

But that’s not the only indication that College of Medicine alumni are receiving a high-quality medical education. Everything from academic performance to residency program director feedback points to the same conclusion.

The College of Medicine’s holistic recruiting philosophy values students with personal attributes needed to become a patient-focused physician. Yet, the same students recruited more on personal attributes than academic pedigree are performing

extremely well on national standardized exams given to thousands of medical students across the country each year.

The charts on these pages demonstrate how medical-school entrance exam scores fail to accurately predict actual academic performance. The charts also show that College of Medicine students are performing at or above national averages on the United States Medical Licensing Exam, given at the end of the second year of med school, early in the fourth year and again after the first year of residency.

Along with those scores, we’ve included a variety of examples that support the AAMC’s underlying conclusion: FSU College of Medicine students are receiving a high-quality medical education.

FIRST-TIME TAKERS	CLASSES											
	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16
National Step 1	216	216	217	218	222	221	221	222	224	227	228	229
National Step 2	220	221	225	226	229	230	233	236	238	239	*	**
FSU Step 1	211	210	222	214	220	213	218	217	218	221	227	223
FSU Step 2	215	224	230	227	231	230	236	235	236	241	241	**
National Increase Step 2 vs Step 1	4	5	8	8	7	9	12	14	14	12	*	*
FSU Increase Step 2 vs Step 1	4	14	8	13	11	17	18	19	18	20	14	*

* - Results not available at press time
** - Exam to be administered summer 2015

U.S. MEDICAL LICENSING EXAM

MEAN OVERALL SCORE FOR FIRST-TIME TAKERS

USMLE Step 1

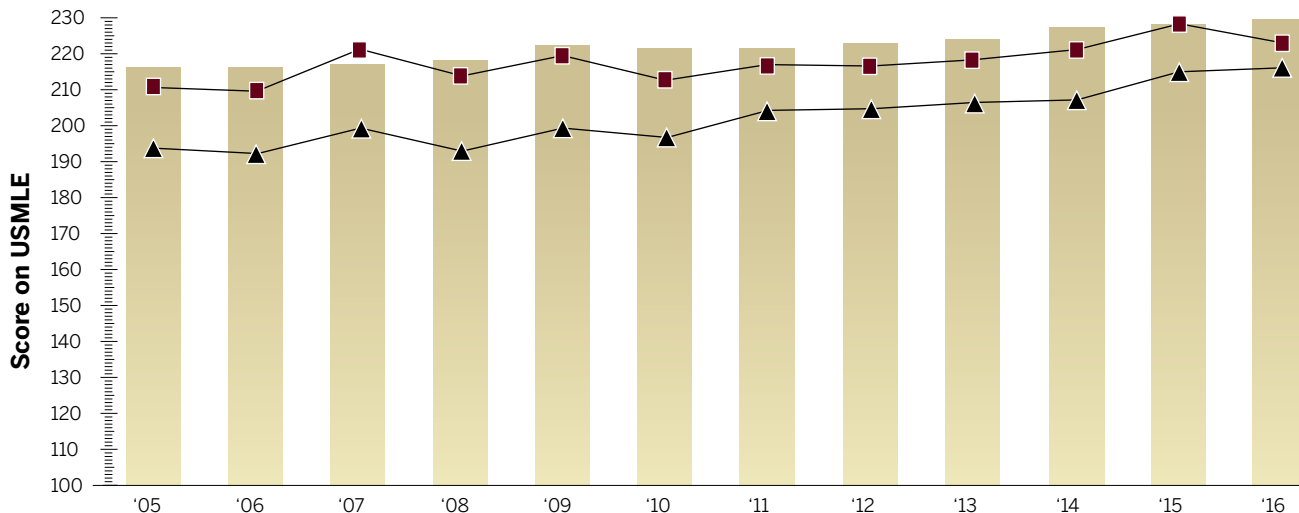
(given at the end of the second year of medical school)

Pass rate

FSU: 93 percent

All other U.S. and Canadian: 93 percent

■ National Mean Score
■ FSU Actual Mean Score
▲ Predicted FSU Mean Score - Based on MCAT



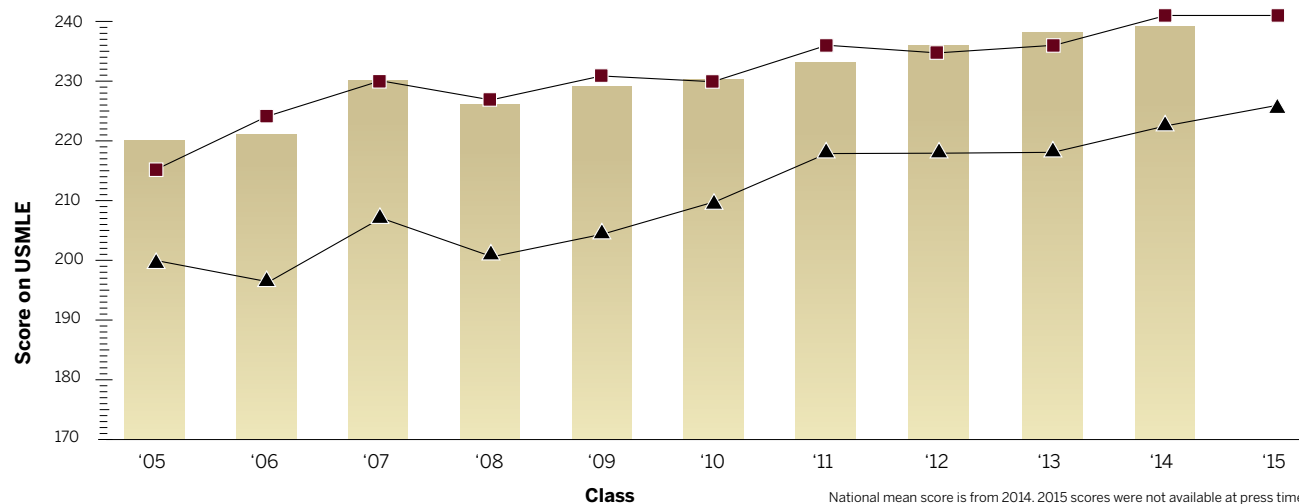
USMLE Step 2 (Clinical Knowledge)

(given early in the fourth year of medical school)

Pass rate

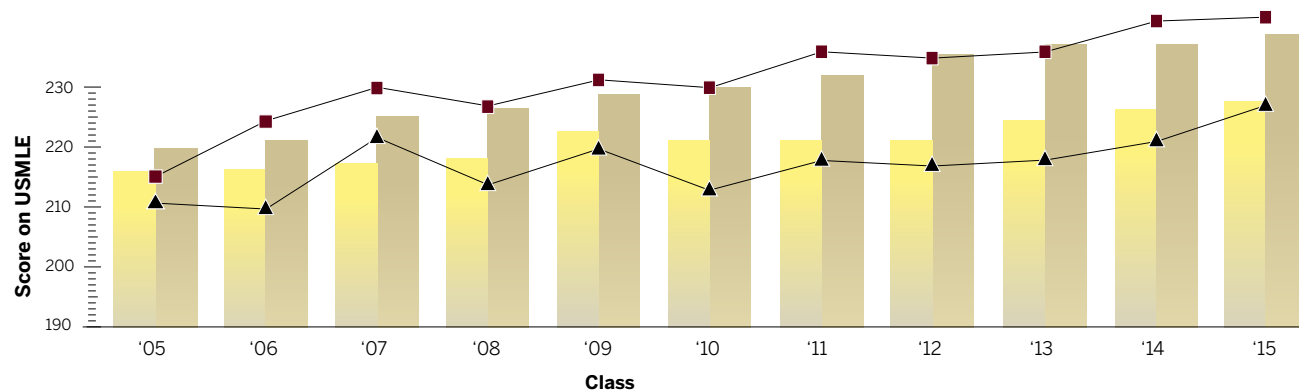
FSU: 98.5 percent

All other U.S. and Canadian: 95 percent



COMPARING USMLE STEP 1 VS 2 – CLINICAL KNOWLEDGE

■ National Step 1 ▲ FSU Step 1
■ National Step 2 ■ FSU Step 2





A HIGH-QUALITY MEDICAL EDUCATION

A sampling of questions and responses from the 2014 Graduation Questionnaire submitted by 14,877 senior medical students at 131 U.S. medical schools who completed their studies during the 2013-14 academic year

■ FSU medical students – percent who agree or strongly agree
 ■ Other med school graduates – percent who agree or strongly agree

Basic science content had sufficient illustrations of clinical relevance



I am confident that I have the knowledge and skills to use point-of-care technology for clinical purposes



I am confident that I have acquired the clinical skills required to begin a residency program



I have the fundamental understanding of common conditions and their management encountered in the major clinical disciplines



I have the communication skills necessary to interact with patients and health professionals



I have basic skills in clinical decision-making and the application of evidence-based information to medical practice



I have a fundamental understanding of the issues in social sciences of medicine (e.g., ethics, humanism, professionalism, organization and structure of the health-care system)



I understand the ethical and professional values that are expected of the profession



I believe I am adequately prepared to care for patients from different backgrounds



I am confident I have the knowledge and skills to:

Discuss a prescription error I made with the patient



Discuss treatment options with a patient with a terminal illness



Discuss 'do not resuscitate' orders with a patient or family member



Negotiate with a patient who is requesting unnecessary tests or procedures



Assess the health practices of a patient using alternative therapies



Carry out sophisticated searches of medical information databases



Use a computer-based clinical-recordkeeping program for finding and recording patient-specific information



Overall, I am satisfied with the quality of my medical education





To help measure the quality of the medical education Florida State medical students receive, Director of Evaluation and Assessment Lynn Romrell annually conducts a survey of residency program directors and FSU medical alumni. The survey is distributed to all residency programs with a current FSU medical school graduate. A separate survey goes to FSU medical alumni for feedback about how their experience in medical school is influencing the work they do now.

Residency program directors in 2014 reported that:

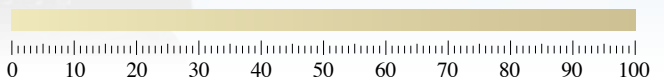
- 99 percent of FSU medical alumni are superior to or comparable to other residents in the program in the demonstration of professional behavior
- 95 percent of FSU medical alumni are superior to or comparable to other residents in their demonstration of patient care skills
- 90 percent of FSU medical alumni are superior to or comparable to other residents in the demonstration of medical knowledge

91 percent of respondents said they would select the same FSU medical alumnus again in the match process and 5 percent answered “not sure.”

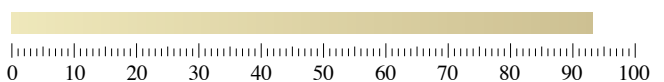
83 percent of FSU medical alumni are considered by their residency program director to be among the top 50 percent in a ranking of the program’s current residents

**FSU Class of 2014 medical alumni reported that:
(percent strongly agreeing or agreeing)**

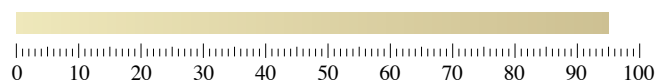
I have the clinical skills (communication, knowledge and clinical reasoning) to be a successful physician



I left Florida State prepared for the roles and responsibilities of a first-year resident



If I had to do it again, I would gladly undertake my studies at the FSU College of Medicine



Sometimes, the measure of high-quality teaching can be found in what students remember about their teachers. Ashley Lucke (M.D., '11) recently emailed Professor Mike Overton, who is course director for clinical physiology and teaches cardiovascular, pulmonary and renal physiology. With Dr. Lucke's permission, we reprint her email here.

From: Ashley Lucke, MD
Sent: Wednesday, February 18, 2015 7:10 PM
To: Overton, Mike
Cc: Fogarty, John
Subject: Thank you for teaching me

Hello Dr. Overton,

You may not remember me but I was a student in the class of 2011 and sat in the front row. I am a pediatrics chief resident at UTSW in Dallas, about to enter a neonatology fellowship at Baylor College of Medicine in Houston. I am reading my Neonatal texts to get ready and just sat for about 20 min today thinking about how much your class has impacted my training and care of patients. It was single-handedly the most important class I took in all of my education. While I may not remember every detail of the course, when my attendings want to talk about Frank Starling curves, preload and afterload, the renin aldosterone angiotensin system, etc., it's because of your course that I know what they're saying and can effectively save kids' lives. I just wanted to thank you profusely for having such a huge impact on my education and training, and I sat at my desk thinking about how critical that course is for every doctor. You did such a fantastic job and I thought you deserved to know that. Thanks so much for everything - you will never be forgotten!

Ashley Lucke, M.D.
Pediatrics Co-Chief Resident
Children's Medical Center of Dallas
University of Texas Southwestern

Sent from my iPhone



Ashley Lucke celebrating on Match Day in 2011 when she learned she had matched with the University of Texas Southwestern Pediatrics Residency Program. A year later she was named the top intern in the program, "For exemplary clinical skills and professional behavior."



Mike Overton, professor and vice chair and graduate program director in the Department of Biomedical Sciences

SIX CAMPUSES, ONE COLLEGE

It takes about 2,500 doctors for our apprenticeship teaching approach to work. Tallahassee alone doesn't have that many physicians available for teaching, so that's one more benefit of the College of Medicine's six-regional-campus structure: Not only does it spread our students throughout Florida and benefit the residents of those communities, but also it ensures that we don't overwhelm any one town's doctors. In fact, it's gradually increasing the supply of Florida physicians.

Here are snapshots from our regional campuses, providing a glimpse of how diverse our students and their experiences are.



SNAPSHOTS



FORT PIERCE: PART OF A TEAM

Besides learning what physicians must know, our students also learn that they're part of a team caring for the patient. That's one reason for the College of Medicine's community medicine rotation. For three weeks in their third year, students get behind-the-scenes views of the role community agencies play in promoting health and preventing disease. Last year, Rida Laeeq (Class of 2015) spoke to the Kiwanis Club of Okeechobee about her experience: "I participated in many of the patient programs and learned about the groundbreaking cancer research that was funded by the American Cancer Society. It's essential for us to learn about community programs such as ACS so our patients can benefit from them."

Fort Pierce Regional Campus, 2498 S. 35th St., Fort Pierce, FL 34981, 772-464-0034, med.fsu.edu/jtpierce, Campus Dean Randall Bertolette, M.D.

DAYTONA BEACH: BACK TO STAY

The bedrock of our students' experience in Years 3 and 4 is our faculty of community physicians, and often it's the reason our students come back. Class of 2010 alumna Marjorie (Warner) Bhogal, who was chief OB-GYN resident at UF Shands Jacksonville, last year returned to Daytona Beach to practice. She's at Halifax OB/GYN Associates — workplace of Pamela Carbiener, who also coordinates the OB-GYN curriculum at our Daytona Beach campus. "After having the privilege of working with Dr. Carbiener and her staff during my medical school training, I knew I wanted to ... become a part of their team," Bhogal states on the Halifax website. Now her teacher is her colleague, and Bhogal herself is on our faculty.

Daytona Beach Regional Campus, 1200 W. International Speedway Blvd., Building 600, Suite 101, Daytona Beach, FL 32114, 386-252-0601, med.fsu.edu/daytona, Campus Dean Luckey Dunn, M.D.



ORLANDO: DISCOVERING HOPE

Many of our students volunteer. In Orlando, they often go to Shepherd's Hope, which provides health care to those who can't get

it elsewhere. Class of 2014 alumna Angela (Green) Guzman wrote about what she learned there: “I learned that patients have a right to health care despite what parts of the nation believe. I learned that all indigent patients are not lazy individuals without aspirations or goals. In fact, many of my patients came to Shepherd’s Hope because they lost their insurance when they were laid off.... Most importantly, I learned that physicians have a unique opportunity to heal even when it is in the form of listening and caring.”

Orlando Regional Campus, 250 E. Colonial Drive, Suite 200, Orlando, FL 32801, 407-835-4103 x 411, med.fsu.edu/orlando, Campus Dean Michael Muszynski, M.D.



PENSACOLA: COLLEGIALITY

Even though each class totals about 120 students, small-group learning abounds and a spirit of collegiality prevails. So our students develop lasting friendships. Amarateedha Prak stepped up for her friend Jimmy Westbrook during last year’s graduation ceremony. Westbrook couldn’t be there because his rental house was ruined by floods — during which he made headlines by saving the life of a neighbor and her special-needs child. Since they were suddenly homeless, he and his family moved sooner than scheduled to Camp Pendleton, California, where he and Prak are now medical residents. Even though he couldn’t attend graduation, Prak made sure her friend’s face appeared in cap-and-gown photos.

Pensacola Regional Campus, 8880 University Parkway, Suite A, Pensacola, FL 32514-4911, 850-494-5939, med.fsu.edu/pensacola, Campus Dean Paul McLeod, M.D.

SARASOTA: BIG PICTURE

Through a Rotary International Global Grant Scholarship, Jesse O’Shea (Class of 2016) is spending this year pursuing an MSc degree in health policy, planning and financing with a focus in global public health from the London School of Hygiene and Tropical Medicine and the London School of Economics. “It is an unparalleled program,” he wrote by email, “... and world leaders are frequently guest lecturing.... The richness of the history here, especially in medicine and hygiene, fascinates me. Occasionally, I stroll past where John Snow mapped the cholera outbreak in 1854, linking it to sanitation and, thus, creating the field of epidemiology.”

Sarasota Regional Campus, 201 Coconut Ave., Sarasota, FL 34236-4917, 941-316-8120, med.fsu.edu/sarasota, Campus Dean Bruce Berg, M.D.



TALLAHASSEE: RESPONSIBILITY

At a medical school dedicated to hands-on learning, students graduate with far more than just books-and-classroom memories. “Even as we experienced the miracle and wonder of delivering babies on OB, some of us also encountered the sorrow of informing an expectant mother that there was no longer a fetal heartbeat,” Class President Brett Thomas said during his 2014 graduation address. “We ultimately learned that a ‘good pathological case’ always came with a price. Sometimes it was a left-behind elderly spouse or a stroke survivor, once a social butterfly, now unable to speak. Somewhere during our third and fourth years, we began to understand the weight of the responsibility we’d soon be carrying.”

Tallahassee Regional Campus, 3331 Capital Oaks Drive, Tallahassee, FL 32308-4513, 850-645-1232, med.fsu.edu/tallahassee, Campus Dean Ronald Hartsfield, M.D.

AFTER THEY GRADUATE

As with all medical schools in Florida, the majority of Florida State's graduating medical students leave the state for residency training. The good news at Florida State is that the majority of those return when their postgraduate training is finished and they are ready to enter practice.

At present, 55 percent of FSU MED alumni in practice are caring for patients in Florida. The percentage could be much greater if there were more opportunities to retain graduating students in Florida for residency training, College of Medicine Dean John P. Fogarty said.

Addressing the problem has been a goal at the College of Medicine since not long after the first class graduated in 2005. In 2014 there were encouraging signs that the effort is taking root.

Consider that in 2014:

- The College of Medicine hired a director for its new general surgery residency program at Tallahassee Memorial HealthCare (TMH). Wade Douglas, M.D., is a graduate of Florida A&M University and PIMS (Program in Medical Sciences), the precursor medical program to the FSU College of Medicine.
- The college's new internal medicine residency program at TMH graduated its first class.
- The college's new family medicine residency program at Lee Memorial Hospital in Fort Myers participated in Match Day for the first time, attracting more than 1,000 applications for six available spots.
- The family medicine program successfully recruited six upper-level residents who transferred from other programs (and specialties).

Also in 2014, the College of Medicine and Sarasota Memorial Hospital laid the groundwork for a new internal medicine residency program. The partnership produced an affiliation agreement in March 2015. And Dermatology Associates of Tallahassee developed plans for a new dermatology residency program to be sponsored by the College of Medicine. It follows and builds upon the successful creation of a dermatology fellowship.

Gary Goforth, program director for the FSU family medicine residency program at Lee Memorial Hospital, was invited to participate in a news conference at the Capitol to highlight the need for more physicians in Florida. He echoed the College of Medicine's philosophy regarding the need to give its graduates more opportunities in Florida.

"We know if they go to a Florida medical school and have a Florida residency, 81 percent of them stay and practice in the state," Goforth said. "What we are trying to do is build residency programs to attract students from Florida to stay."

OUR RESIDENCY PROGRAMS

**Florida State University College of Medicine
Family Medicine Residency Program at Lee Memorial
Health System**

2780 Cleveland Ave., Suite 709

Fort Myers, FL 33901

Office: 239.343.2371

Program Director Gary Goforth, M.D.

Program Coordinator Kathleen Mattis

med.fsu.edu/familymedicineresidency

**Florida State University College of Medicine Internal Medicine
Residency Program at Tallahassee Memorial HealthCare**

1300 Miccosukee Road

Tallahassee, FL 32308

Office: 850.431.7910

Program Director Gregory Todd, M.D.

Program Coordinator Faye Justin

med.fsu.edu/internalmedicineresidency

**Florida State University College of Medicine Internal Medicine
Residency Program at Sarasota Memorial Hospital**

1700 S. Tamiami Trail

Sarasota, FL 34239

(The program is under development)

**Florida State University College of Medicine Obstetrics and
Gynecology Residency Program at Sacred Heart Health
System**

5045 Carpenter Creek Drive

Pensacola, FL 32503

Office: 850.416.2418

Program Director Julie Zemaitis DeCesare, M.D.

Program Coordinator Julie Floyd

med.fsu.edu/obgynresidency

Florida State University College of Medicine Pediatric Residency Program at The Children's Hospital at Sacred Heart

5153 N. 9th Ave.

Nemours Children's Hospital, 6th Floor

Pensacola, FL 32504

Office: 850.416.7658

Program Director Peter Jennings, M.D.

Program Coordinator Danika Talbert

med.fsu.edu/pediatricresidency

Florida State University College of Medicine General Surgery Residency Program at Tallahassee Memorial HealthCare

1300 Miccosukee Road

Tallahassee, FL 32308

Office: 850.431.5567

Program Director Wade Douglas, M.D.

Program Coordinator Lilly Lewis

med.fsu.edu/generalsurgeryresidency

Florida State University College of Medicine Dermatology Residency Program at Dermatology Associates of Tallahassee

Program Director George Cohen, M.D.

Program Coordinator Faith Stoutamire

(A 'new program application' for the dermatology residency was submitted in March of 2015 and the program is awaiting a site visit from the Accreditation Council for Graduate Medical Education)

FELLOWSHIP PROGRAM

Florida State University College of Medicine Procedural Dermatology Fellowship Program at Dermatology Associates of Tallahassee

Program Director Armand Cognetta Jr., M.D.

Program Coordinator Faith Stoutamire

med.fsu.edu/GME

ADMINISTRATION

Office of Graduate Medical Education

1115 W. Call St., Suite 1121-C

Tallahassee, FL 32306-4300

Phone: 850.645.6867

Associate Dean for Graduate Medical Education Joan Meek, M.D.

Assistant Dean for GME Christopher P. Mulrooney, Ph.D.

[Facebook.com/fsu.gme](https://www.facebook.com/fsu.gme)



Wade Douglas, program director for the college's new general surgery residency program at TMH.



The first physicians to graduate from the College of Medicine's internal medicine residency program at Tallahassee Memorial Hospital (from left): Teas Gray, Brittany Clark, Ajoke Bamisile and Kai Jing.



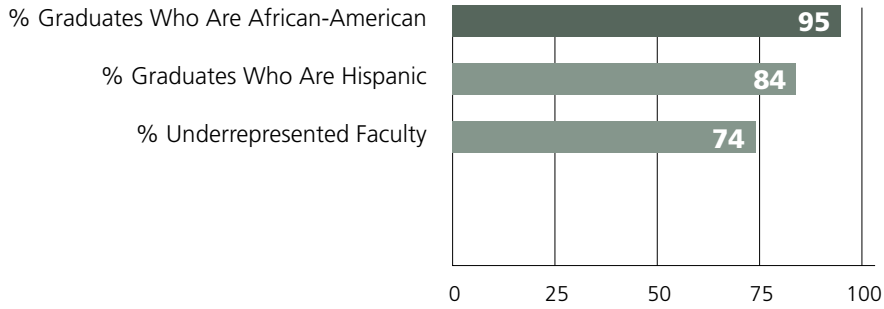
Medical School Missions Dashboard

Florida State University College of Medicine

Prepare a Diverse Physician Workforce



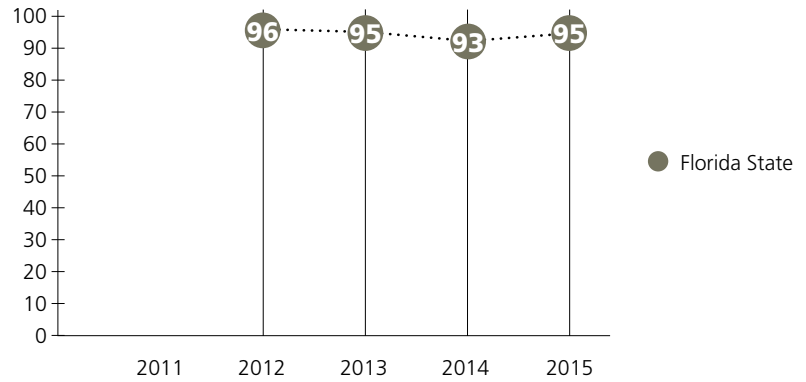
2015 Percentiles



Trends

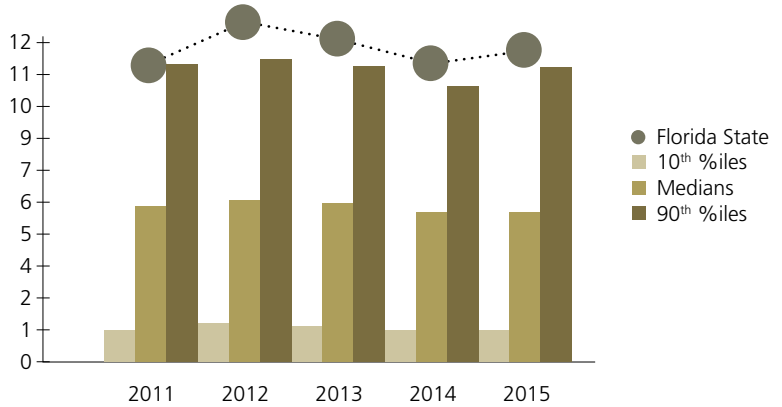
Percentile of Graduates Who Are Black or African-American

Percentile Ranking Compared with All Schools



Comment: In each of the last four years, Florida State has rated among the top 7 percent of medical schools nationally for percentage of graduates who are black or African-American and among the top 16 percent for graduates who are Hispanic.

Actual Values (Percentage of Graduates)



PIPELINE TO MEDICAL SCHOOL

Creating a well-rounded and diverse student body is a vital step in the College of Medicine's effort to achieve its mission. That effort is recognized in the AAMC's Missions Management Tool as among the best to be found anywhere.

It doesn't happen by coincidence. Carefully planned outreach programs serve to prepare more individuals for medical school from backgrounds that typically are underrepresented in medicine. For example, to get more physicians practicing in rural areas with access-to-care problems, the College of Medicine seeks first to develop more students from those areas who are qualified to go to medical school.

Among the most successful outreach programs at the College of Medicine are SSTRIDE (story at right) and Bridge, which help to create a better mix of Hispanic, African-American, black and rural students within the medical student body.

All of the outreach programs share a common goal – to identify and prepare students who are a good fit for the college's mission.

Expanding SSTRIDE

In the past year, a College of Medicine pipeline program aimed at producing physicians for rural and underserved areas of Florida has expanded to additional schools in Gadsden County, Madison County and even Central Florida.

SSTRIDE (Science Students Together Reaching Instructional Diversity and Excellence) began 21 years ago in Leon County. Now it has expanded not only in Gadsden but also in Madison, Okaloosa and Orange counties.

"It was just me and a program assistant and a couple of tutors," said Thesla Berne-Anderson, director of college and pre-college outreach. "Now we're full-blown in five counties with five coordinators, an assistant director and a program associate."

In Orange County, SSTRIDE-Orlando began with after-school activities and parent meetings at Jones High School and Memorial Middle School. The program was fully implemented in the fall of 2014 with two college-level biology and anatomy classes, mentoring and continued after-school programs for 31 student participants. All 31 passed the end-of-course biology exams, a strong indicator of success for the program's first year of operation.





SSTRIDE has served 1,746 middle and high school students since beginning in 1994. Currently, over 160 students are participating throughout the state.

In the Panhandle, SSTRIDE expanded to James Madison Preparatory High School in Madison County, where the program was already being utilized by Madison County Central School and Madison County High School.

SSTRIDE has also expanded its involvement to include West Gadsden High School and Shanks Middle School in Gadsden County, where East Gadsden High School and Havana Middle School have been participating since 2004. After the implementation of a biology end-of-course prep curriculum in 2013, there was a 91-percent pass rate for East Gadsden and a 100-percent pass rate for Havana Middle in 2014.

The new teacher for West Gadsden and Shanks, Nora Waryoba, is the sister of second-year student Caroline Waryoba, and can relate to students' needs.

"Nora was a student in SSTRIDE at Rickards High School in Leon County, then participated in USSTRIDE and served as a mentor," said Berne-Anderson. "Now she's a SSTRIDE teacher and is enhancing our curriculum. Hopefully soon she'll be a medical student. That's SSTRIDE full-circle."

The SSTRIDE office has been able to track two-thirds of those who started the program in middle or high school.

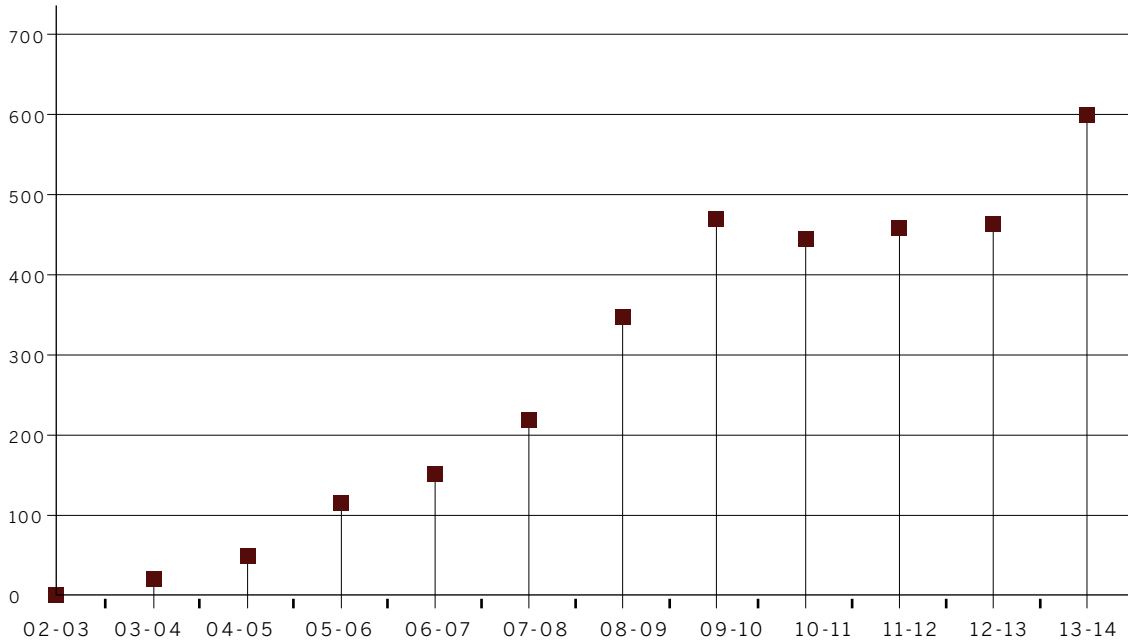
"Nearly 99 percent of them have gone on to college," Berne-Anderson said, "and nearly two-thirds have majored in science, math or health."

These advances in SSTRIDE are what make it a success, Berne-Anderson said. "To know that you've created a program that's sustainable, that others want to replicate it, and that they would give you funding to do it, and you're changing lives at the same time," she said. "Those are the achievements that make the dream real."



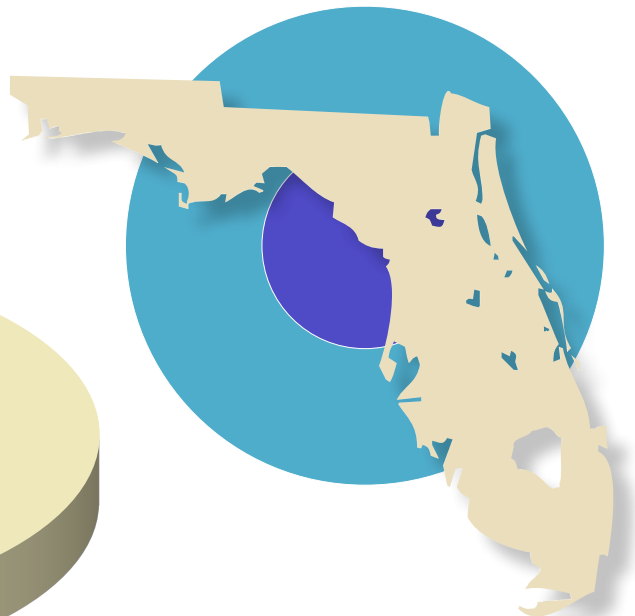
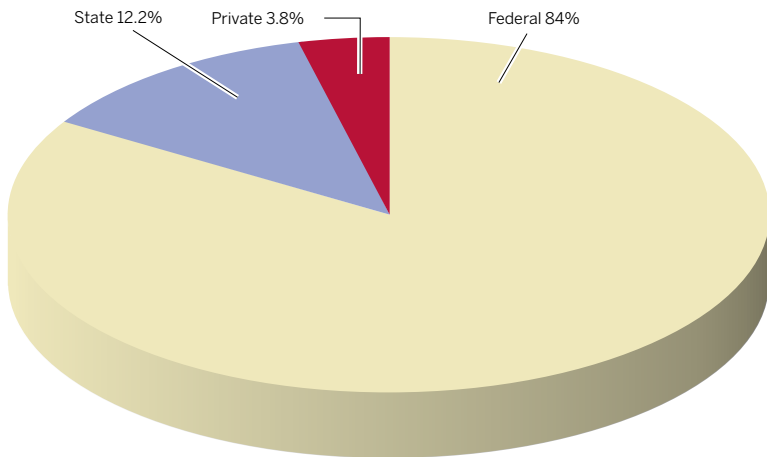


RESEARCH CONTRACT AND GRANT GROWTH - 2002 TO PRESENT



2014 IMPACT OF FSU COLLEGE OF MEDICINE RESEARCH IN FLORIDA

FUNDED GRANTS AND CONTRACTS BY TYPE 2013-14



- **\$42.5 million** (funded contracts and grants – 2014)
- **\$100.2 million** (economic impact in Florida – 2014)

Source: Report on the economic impact of publicly funded research conducted by AAMC-member medical schools. Prepared for the AAMC by Tripp Umbach.

RESEARCH MAKING AN IMPACT



The College of Medicine's research program annually generates around \$100 million in Florida economic impact, a figure that tells only part of the story. With success in areas including, among others, autism, biomedical sciences, behavioral and social sciences and patient safety, the college has begun to expand into the commercialization of ideas and products with potential to bring drastic improvements in several areas of health care.

Some of those products and ideas are listed in the following examples of research success at the College of Medicine. Others are featured on the following pages with startup companies created by faculty researchers.

1 The College of Medicine's Clinical Research Network collaborated with the University of Florida to receive a \$1.6 million Department of Health grant for translating research findings into practice. "This project is a perfect example of how cooperative research approaches lead to success and great benefit to patients across Florida," said **Michael Muszynski**, co-principal investigator on the grant and associate dean for clinical research at the College of Medicine.

2 Distinguished Research Professor **Amy Wetherby** led a group of researchers receiving a \$10.4 million National Institute of Mental Health grant to implement a community-based approach for early intervention in treatment of autism. Wetherby also received an FSU license to distribute materials through her company, Autism Navigator, a web-based instructional system to increase the capacity of early-intervention service providers for serving young children with autism spectrum disorders. While the company is not-for-profit, it has potential for significant generation of revenue, all of which would go toward developing the web-based courses.

Wetherby also in 2014 published study results demonstrating that toddlers with autism show significant improvement after intensive intervention by parents rather than clinicians. That had never been demonstrated before, and it serves to show that the best treatment for toddlers with ASD might be at home instead of

in a clinical setting. Not only would such treatment be more affordable, but it raises the likelihood that children of lower-income, rural and minority families will have better access to treatment.

3 **Pradeep Bhide**, the Rodgers Chair professor of developmental neuroscience and director of the College of Medicine's Center for Brain Repair, published new studies looking at the adolescent brain and the possibility of ADHD being passed across generations as a result of a maternal grandmother who smoked during pregnancy. The first involved a series of 19 studies examining the adolescent brain from multiple scientific domains, including psychology, neurochemistry, brain imaging, clinical neuroscience and neurobiology. The studies were published in a special volume of *Developmental Neuroscience*.

"The research sheds light on how we may be able to better interact with teenagers at home or outside the home, how to design educational strategies and how best to treat or modify a teenager's maladaptive behavior," he said.

In a separate study, Bhide and College of Medicine Assistant Professor **Jinmin Zhu** demonstrated that prenatal nicotine exposure may lead to ADHD in future generations. The findings, published in *The Journal of Neuroscience*, revealed evidence that a child's ADHD might be an environmentally induced health condition inherited from his or her grandmother, who may have smoked cigarettes during pregnancy a long time ago.

"What our research and other people's research is showing is that some of the changes in your genome — whether induced by drugs or by experience — may be permanent and you will transmit that to your offspring," Bhide said.

4 **Angelina Sutin** (Behavioral Sciences and Social Medicine) and **Antonio Terracciano** (Geriatrics) published findings that perceived age and weight discrimination, more than perceived race and sex discrimination, are linked to worse health in older adults. Published in the *American Journal of Geriatric Psychiatry*, the results were based on changes in health over a four-year period among more than 6,000 adults 50 and older who participated in a large health and retirement study.

5 **Martin Wood**, director of the college's medical library, developed a new diabetes-focused research publication – *The PL-AID Journal*. PL-AID (People Living with And Inspired by Diabetes) provides a forum through peer-reviewed articles for research-backed information about diabetes. The first edition will publish in spring 2015.

The College of Medicine joined the Florida Brain Project, a consortium of universities and research institutions aiming to make Florida known nationwide as the "State of Brain Research." Also participating are UF, the University of Miami, Scripps-Florida, Mayo Clinic Jacksonville, University of South Florida and Max Planck Florida Institute for Neuroscience.

The College of Medicine hosted the first Florida Brain Symposium in Tallahassee, where six of the college's scientists spoke with a focus on Alzheimer's disease and educating state legislative aides about brain research.

6 **Kimberly Driscoll** (Behavioral Sciences and Social Medicine) led a team of researchers who found that many states could provide a safer environment at school for children with Type 1 diabetes. Published in *Pediatric Diabetes*, the study showed that states achieve better results if they allow greater freedom in the number and type of school personnel who can provide assistance to children with diabetes.

The findings strongly suggest that training a variety of school personnel to provide routine and emergency diabetes care is likely to ensure the maximum safety of children at school. After Driscoll presented the findings at the American Diabetes Association (ADA) annual meeting in Chicago in 2013, three states passed model safe-at-school legislation.

7 **Alice Pomidor** (Geriatrics) is leading a joint effort of the American Geriatrics Society and the National Highway Traffic Safety Administration to update the Physician's Guide to Assessing and Counseling Older Drivers. "There's been sort of a medicalization of the issues with older drivers, where everybody says, 'Oh, the doctors need to stop everybody,'" Pomidor said. "Well, if the doctors only see you once every six months, and then they see you for 15 minutes, the whole notion that people somehow have the magic ability to tell whether you should drive becomes ludicrous. You have to be trained how to assess the skill set and how to assess the physical capabilities for driving."

8 **Joseph Gabriel** (Behavioral Sciences and Social Medicine) published a new book describing how the use of patents and trademarks by drug manufacturers became scientifically and ethically legitimate, transforming the practice of medicine and pharmacy by directly linking the care of patients to the goal of industry profits. The book (Chicago Press) is "Medical Monopoly: Intellectual Property Rights and the Origins of the Modern Pharmaceutical Industry."

9 **Marshall Kapp**, director of the Center for Innovative Collaboration in Medicine and Law, has contributed research and information through published articles and speaking opportunities in support of Choosing Wisely. The initiative seeks to help health-care providers and patients engage in conversations to reduce overuse of tests and procedures and to support patients in their efforts to make smart and effective care choices.

10 The College of Medicine joined the Florida Health Equity Research Institute (HERI) seeking to implement a health-disparities research agenda for Florida by focusing on developing and testing innovations that will improve the health of people in medically underserved populations.

HERI hopes to be a major impetus for community involvement in finding solutions. "Florida is one of the most diverse states in the country, and there are people within the state who have a particularly high level of disease burden," said **Heather Flynn**, associate professor and vice chair for research in the Department of Behavioral Sciences and Social Medicine, and a member of the HERI steering committee.

"Having a statewide institute focused on health equity for all is an awesome and valiant endeavor," said **Joedrecka Brown Speights**, associate professor of family medicine and rural health at the College of Medicine. "I think we've got a great opportunity for success because of the various types of involvement from universities and the community."



5



6



7



8



9



10



10



Olcese's patented blue-light glasses are awaiting FDA testing

FROM CAMPUS TO THE COMMUNITY

As the College of Medicine's research program matures, it is starting to yield ideas that are working their way from campus to the community. The goal in commercializing scholarly activity is to improve lives through better health. Department of Biomedical Sciences faculty members Pradeep Bhide and James Olcese focus on different realms of neuroscience. Bhide focuses on developmental neurological and psychiatric conditions, as well as neurological and cognitive effects of prenatal and early postnatal exposure to prescription and illicit drugs. Olcese is interested in circadian rhythms, sleep disorders, hormonal systems and reproductive function.

Their research intersects in ways both small and large. Lately, they've shared lessons learned in starting a business.

"The expertise and knowledge and skills you need – nobody teaches that in a medical school or graduate school," said Bhide, the Jim and Betty Ann Rodgers Eminent Scholar Chair of Developmental Neuroscience and director of the Center for Brain Repair.

Bhide's work has taken him from Boston, where he worked for Harvard University and Massachusetts General Hospital, to Tallahassee, where he is zeroing in on a molecule that could soon be the key to improving life for millions of people worldwide who suffer



Bhide, left, and research team members Deirdre McCarthy and Jinmin Zhu

from attention deficit hyperactivity disorder (ADHD).

Olcese completed a postdoctoral fellowship in Germany, where he became fascinated with anatomical physiology. Combined with expertise in how the brain controls sleep, the science Olcese first came to know overseas is leading him, too, toward the possibility of a life-changing discovery. Bhide and Olcese have created separate startup companies with patented discoveries that are nearing the point of entering trials with the U.S. Food and Drug Administration (FDA).

Within a few years, if all goes well, each could be bringing products to market that will offer safer treatments for a couple of differing but widespread health issues. Avekshan (Avekshan.com), Bhide's company, is seeking FDA approval for a non-stimulant drug to treat ADHD. The drug would be nonaddictive while achieving the same pharmaceutical goals of current drugs that are widely abused.

Approximately 16 million adults and 7 million children in the U.S. are affected by ADHD. Many take stimulant medications for the condition, but the drugs are highly addictive and are often abused. Because of the serious side effects, and the risk of addiction, many choose not to use the drugs or not to allow the drugs to be prescribed to their children. The choice is to rely on less-effective alternatives or to go untreated.

"The first stimulants in this class of drugs were developed in the 1950s, and very little has changed about them since that time," Bhide said. "I believe our approach is going to be transformative – a game-changer."

Olcese, too, is taking a novel approach to helping patients with limited treatment options. In this case, it's pregnant women at risk of preterm delivery.

Preterm delivery is the cause of around a million infant deaths and an estimated \$50 billion in health-care costs annually.

Olcese identified melatonin, an output signal of the brain's circadian clock, as a hormonal trigger for labor. He became curious as to why most deliveries occur at night and made important discoveries about the relationship between melatonin and nocturnal contractions.

"We have established through human testing that we can promote an acute inhibition of melatonin and thereby lower the incidence of nocturnal contractions by exposing a pregnant woman to a light source during sleeping hours," Olcese said.

His new company – KynderMed (KynderMed.com) – is developing a medical device that is worn like a soft eye patch and emits blue light during staggered intervals throughout the night. The device uses a specific blue-light spectrum therapy to control the production of melatonin and suppress contractions.

On the advice of her personal physician, a woman at risk of preterm labor would wear the device during sleep. "The device we're testing would not interrupt sleep," Olcese said. "Blue light is able to travel through the eyelid and effectively inhibit the secretion of melatonin."

Both Bhide and Olcese have other potentially lucrative ideas related to these discoveries that are being planned for future trials.

Below are other examples of the way College of Medicine research is being translated into commercial products with the potential to improve health:

- Ewa Bienkiewicz (Biomedical Sciences) formed a company to market a dietary supplement in anticipation of a patent she expects to receive this fall.
- Michael Blaber (Biomedical Sciences) has a license and research agreement with a company interested in using his engineered proteins for the treatment of corneal dystrophy. Blaber's proteins offer the promise of superior results in corneal regeneration based on their demonstrated tissuehealing properties.
- Sanford-Burnham Medical Research Institute selected a proposal from Branko Stefanovic (Biomedical Sciences) to screen a new compound his lab developed for treating liver fibrosis. Sanford-Burnham will screen as many as 320,000 compounds seeking one that will help bring Stefanovic's discovery to the point of being ready for clinical trials. Currently, there are no licensed drugs to treat liver fibrosis in humans.
- Jacob VanLandingham (Biomedical Sciences) is developing a small molecule prophylactic for mild concussion that he plans to market through his company, Prevacus.

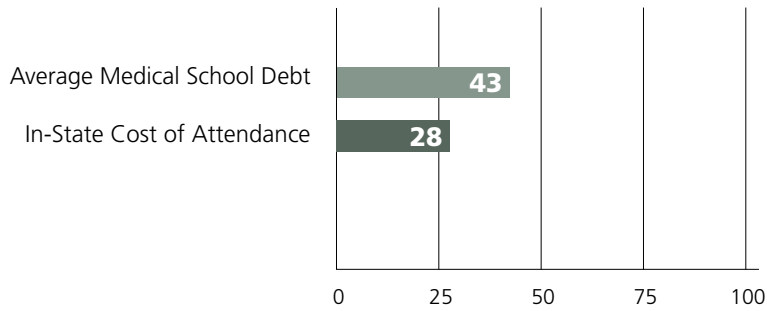
Medical School Missions Dashboard

Florida State University College of Medicine

Graduate a Medical School Class with Manageable Debt



2015 Percentiles

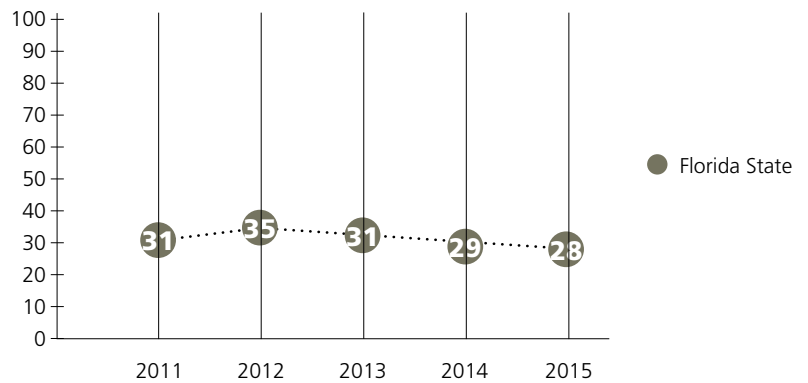


Trends

In-state Cost of Attendance

Comment: The cost of in-state tuition at Florida State’s medical school is below that of 72 percent of other AAMC-member medical schools. The average debt of a graduating FSU medical student is below that of 57 percent of students graduating from other AAMC-member medical schools.

Percentile Ranking Compared with All Schools



A MEDICAL EDUCATION WITHIN REACH

Graduating students with manageable debt is a primary goal of the College of Medicine's development efforts. Achieving the goal is viewed as a central part of producing physicians who will address the primary health needs of the nation.

Research has shown that medical students who come from underserved backgrounds, including rural areas, are most likely to return to those communities as practicing physicians. An unfortunate reality is that those same students are more likely to lack the financial resources needed to afford a medical education. In 2014 the average education-related debt for a graduating medical student in the U.S. was \$168,000. The average debt for

graduating students in the FSU College of Medicine Class of 2014 was a bit lower at \$144,000, but substantial enough to potentially sway alumni toward higher-paying subspecialties and away from the primary-care specialties with the greatest community needs in Florida.

Private support for student scholarships is a priority in the college's fundraising appeals. To those who give, we give our gratitude. You are helping us develop physicians so badly needed in communities throughout Florida – and beyond.

FSU College of Medicine tuition compared with a selection of medical schools outside Florida

(2013-14) Institution	In-state tuition
Virginia	\$42,232
Oregon	\$38,428
Minnesota	\$37,872
Rutgers	\$35,823
South Carolina	\$35,498
UC Davis	\$34,874
Louisville	\$33,718
Colorado	\$33,633
Tennessee	\$33,030
Indiana	\$33,019
Kentucky	\$32,788
Northeast Ohio	\$32,755
Utah	\$31,982
UC San Diego	\$31,134
UCLA	\$31,134
Kansas	\$30,976
Vermont	\$30,940
Eastern Virginia	\$29,984
Maryland	\$29,584
Michigan	\$29,236
Washington	\$29,094
Arizona	\$28,686
Florida State	\$21,140

Compared with other public M.D. programs in Florida

Florida	\$32,744
Florida International	\$31,939
South Florida	\$29,175
Florida Atlantic	\$26,497
Central Florida	\$23,603
Florida State	\$21,140

'10 CENTS A BUCKET': GOODBYE TO CHARLOTTE MAGUIRE

Charlotte Maguire, the barrier-shattering pediatrician who helped create colleges of medicine at both the University of Florida and Florida State, died quietly at home Dec. 6. The only woman in her class at medical school, she later was renowned as a compassionate physician, a get-it-done administrator, a no-nonsense businesswoman and an enthusiastic philanthropist. (*Read her obituary by visiting our website, www.med.fsu.edu, and searching for 1918-2014.*)

Her gifts to the FSU College of Medicine alone totaled nearly \$4 million.

Yet she lived simply. And when she spoke of money, she didn't spin sparkling tales of wealth and the luxuries it could buy. They were stories of hard work and reward, childhood lessons learned from her father.

"For every bucket of nails that I picked up, I got 10 cents," Maguire told the audience on the morning that Gov. Rick Scott officially declared her a Great Floridian. "So my story, the headline of my life, is: '10 cents a bucket.'"

Here's an excerpt from a 2010 College of Medicine interview that touched on the early days of the Great Depression: "Dad was having problems. That was the beginning of the bust — the boom busted. [My grandmother] had money. And she had coupons. Bonds with coupons. When I needed new clothes or needed something, she would take me, with a pair of scissors, to the bank and clip coupons. She paid for my tuition at Stetson University for my first two years."

One of Maguire's favorite stories from her 96-year life was about the day in the late 1990s when she suddenly learned she had buckets of money to donate to a good cause. This is an excerpt from that same 2010 interview:

"My father's family were Quakers, and their belief was: Anything that you amass in this world, you give back. Their idea was not to leave a will and wait until you die, but you need to do this ahead of time. Most young people in their 40s or 50s really need some extra cash; they've got kids in college, they're trying to settle bills, buy automobiles and buy houses, and they really need the help.

"So my dad — I can't remember exactly which year it was — he said, 'I think it's time that I gave the money to you and the rest. I don't need it anymore.' Then he came to live with me. Living with that

in mind, then, ... I gave [her son and daughter] their inheritance before I came out here [to the Westminster Oaks retirement home].... [Her husband] Raymer's estate was all settled.... I told them to bring their vans and take anything and everything....

"In the meantime, my CPA called and said, 'Do you remember a savings account that you had in the bank as a child?' I said, 'Sure, my dad made me do it every week. Even if I only had 25 cents or a dollar, it went to the bank.' By the time I got out of school, they said, 'Well, you need to buy some stock in the bank....' So I had done that, but I ... just never thought any more about it.

"The CPA called me and said, 'Well, it's time to divvy up a little bit. You've got all this money.' And this was from the time I was 10 years old! So that's where those millions came from. You know, the stock doubled, and it tripled, and it did this and it did that, and I just never paid any attention."

That's one of the few details that escaped Charlotte Edwards Maguire's attention. Florida State benefited enormously from her thrifty habits — and her response to that phone call.



Charlotte Maguire with students in the College of Medicine's Bridge Program



RAISE THE TORCH: THE CAMPAIGN FOR FLORIDA STATE

It's the most ambitious fundraising campaign in Florida State history. That means all FSU supporters, including all colleges and departments, are doing their part. Every dollar you donate to the College of Medicine counts toward the university's *Raise the Torch* goal of \$1 billion.

As always, the medical school has innumerable ways to put your gifts to good use. Student scholarships, for example, are always crucial at a college that seeks out students from disadvantaged communities. Those are the students most likely to settle down in such communities and provide primary care. Yet at the same time, they're least likely to have the resources necessary, least likely to be able to take on academic debt.

Another example: With each passing year, the College of Medicine's research continues to grow in quality and quantity. Your gift could contribute to, for example, a better understanding of Alzheimer's disease, perinatal depression or the role of a particular molecule or enzyme in cancer.

When you invest in our medical school, you're investing in a special mission — and, if you're a Floridian, you're investing in your own family's future medical care. The Legislature created this school with a particular goal in mind: to train the physicians that Florida needs most. You can't force doctors to practice medicine in a certain place, of course, but we take great pains to enroll students

who are committed to practicing in Florida — particularly in areas where health care is in short supply.

As you can see on Pages 11-15 of this report, our track record is remarkable. Already, more than 160 of our alumni are practicing in Florida, and about 100 of those are practicing primary care. And what they learn at each of our campuses is patient-centered care.

With one carefully chosen gift, then, you can simultaneously help FSU reach its *Raise the Torch* goal, give a prospective student a financial boost and increase the chances that your next doctor will be someone who grew up nearby and understands your community. If you'd like to donate to the College of Medicine regional campus closest to where you live, we can help steer you in the right direction.

We'd also like to thank you publicly for your generosity. We have a whole array of naming opportunities — from your name on a bench to your name on the auditorium, a classroom or the entire research building. Visit www.med.fsu.edu and click on "Giving." Then let us discuss the ways you can help us Raise the Torch for the College of Medicine.

Jim McNeill, assistant dean for development, jim.mcneill@med.fsu.edu, 850-644-4389

Cindy Tyler, senior development officer, cindy.tyler@med.fsu.edu, 850-645-0390



MORE THAN \$2 MILLION WORTH OF DANCING

A million-dollar check is a thing of beauty, and when it's given to your favorite medical school it causes quite a splash.

But is a million dollars given in smaller servings, over a number of years, any less valuable? How about \$2 million?

Consider this: Over the past 12 years, the generous young participants in the annual Dance Marathon at FSU have given the College of Medicine a total of nearly *\$2.4 million*.

Once again in 2014, representatives from Dance Marathon at Florida State University and Children's Miracle Network at UF Health Shands Children's Hospital came to the College of Medicine with a check that will benefit children throughout Gadsden and Leon counties.

The \$383,562.92 check was part of the record \$782,000 raised in March 2014 by Dance Marathon, the largest student-run philanthropy on the Florida State campus. FSU Dance Marathon didn't pause there, surpassing the \$1 million mark in money raised during Dance Marathon 2015.

Children's Miracle Network at UF Health Shands Children's Hospital annually distributes part of the money raised to the FSU medical school for use in pediatric outreach programs.

The College of Medicine is using part of the proceeds to pay for a school-based health program in Gadsden County designed to

address health-care disparities among area children. Other projects funded by the medical school include equipment for the pediatrics unit at Tallahassee Memorial Hospital and bereavement services for children at Big Bend Hospice. In addition, the money pays for pediatric genetics screening services at TMH and equipment at TMH that will allow physicians to provide services to children in rural areas through telemedicine.

Additional funds are distributed by the College of Medicine to the Center for Prevention and Early Intervention Policy. It supports a relationship-based intervention program assisting mothers in making positive changes toward sensitive and responsive parenting, delaying rapid subsequent pregnancies, making positive maternal life course decisions and reducing child injuries. The goal of the program is to break the multigenerational cycle of teen parenting, trauma and recidivism.

Representatives of each of the groups who received funding from the FSU College of Medicine took turns thanking Dance Marathon students for organizing the event, which requires roughly a year of preparation. Sometimes it's easy to forget, said FSU College of Medicine Dean John P. Fogarty, that the hard-working organizers are actually full-time students.

MORE CAPITAL MEDICAL SOCIETY FOUNDATION SCHOLARSHIPS

Nine first- and second-year College of Medicine students were awarded scholarships totaling \$40,000 in the past year by the Capital Medical Society Foundation. These are the students, in alphabetical order: Allison Ellis (Class of 2017), Jennica Hagberg (2017), Samuel Muniz (2018), William Nimmons (2017), Nwamaka Onyeozili (2017), Chirag Patel (2017), Thomas Shakar (2017), Drew Williams (2018) and Israel Wootton (2017).

The scholarship recipients were chosen by a committee of Capital Medical Society members, led by Tallahassee pediatrician Frank Walker. The foundation has been awarding these scholarships since before the medical school was created. Pam Wilson, executive director, looked up the totals:

- The foundation awarded 14 scholarships to students in FSU's Program in Medical Sciences, the predecessor of the College of Medicine, totaling \$20,889.
- So far, it has awarded 114 scholarships to College of Medicine students, totaling \$357,000.

In December, the foundation hosted its annual Holiday Auction to raise money for more medical school scholarships.





Senior Associate Dean Alma Littles (left) with (l-r): Edward Woodward, Daniel Woodward, Mary Jane Woodward, Dr. Pat Woodward, Fred Woodward and Pat Woodward Jr.

SCHOLARSHIP GIFT HONORS 'DR. PAT'

The sons of beloved pediatrician Pat Woodward are reaching deep into their pockets to help ensure that Gadsden County has the physicians it needs in the future.

Early in 2014 Pat Jr., Fred, Daniel and Edward Woodward — with the permission of their publicity-shy father, “Dr. Pat,” and their mother, Mary Jane — established the Pat M. Woodward, M.D. Legacy Scholarship Endowment at the Florida State University College of Medicine. Their donation will provide scholarship support for deserving third- and fourth-year students committed to practicing pediatrics or family medicine in underserved Gadsden and other rural North Florida communities.

It also will provide scholarship support for Gadsden high school students who are considering medical careers and have been selected to attend the College of Medicine’s Summer Institute.

“We wanted to do something to honor Dad while he could enjoy it,” Fred explained.

The College of Medicine’s mission to provide compassionate physicians for all Floridians, including those in rural areas, mirrors Woodward’s philosophy.

He retired in 2001, the year the College of Medicine’s first students arrived. Nevertheless, he has strong connections with the medical school — principally in his relationship with Senior Associate Dean Alma Littles. He was her pediatrician when she was growing up in Quincy, her role model in his approach to medical care, her mentor when she was a medical resident and, later, her partner in practice.

“Even though Dr. Woodward is not on our faculty, he embodies everything we attempt to teach our students,” Littles said. “His knowledge, skill, gentleness and compassion are the key ingredients of patient-centered care.”

This endowment could change the lives of certain Gadsden students who don’t even know yet that they want to become doctors.

“There’s a story behind every gift that people give to the College of Medicine, and we love them all,” Dean John Fogarty said. “Certainly the story behind the Woodward gift is among the most heartwarming. The way these sons appreciate their parents’ legacy in Quincy, and the way they’re recognizing that legacy with a gift that will enrich the community for generations — that’s simply remarkable.”

MORGANS BENEFIT SARASOTA CAMPUS

Florida State alumna Jane Morgan and her husband, George, have been helping Florida State students for years — through their time, talents and resources. In 2005, Jane established the Jane Zuknick Morgan Scholarship at the Dedman School of Hospitality. Since then they also have established The Jane and George Morgan Endowment for Faculty Development, to support the College of Business; The Jane and George Morgan Endowment for Excellence in the College of Visual Arts, Theatre & Dance at the FSU/Asolo Conservatory; and, of special interest to medical students, The Jane and George Morgan Endowment for Excellence in the College of Medicine's Sarasota Regional Campus.

George's career in the health-care industry, and the time that he served on the Sarasota campus's community board, helped him to

understand the innovative program benefits of the FSU College of Medicine. "Physicians are at the core of having a good health care system," George stated in the spring/summer 2014 edition of *VIRES*, the magazine of the FSU Alumni Association. "FSU's students get trained in the community physician environment, which is where most of them will practice one day."

The Morgans knew that, because it's a newer program, it would be years before Florida State grads could offer their support. Through this gift, they wanted to inspire others in the Sarasota area to appreciate this community asset. As George said, "We look forward to the future where we see many Seminoles in white coats at our local physician's office."



THANK YOU FOR YOUR GIFTS

The friends of the College of Medicine have been generous again this past year. With our sincere appreciation, here is a partial listing of gift-makers and pledgers from fiscal year 2014 (July 1, 2013-June 30, 2014). Donors help provide support for student tuition, for pipeline programs that increase the diversity of our student body, for essential research that leads to a healthier community, for our six regional campuses, and for various programs that enrich our students' experience. We are grateful for all gifts, large and small.

Jim McNeill, assistant dean for development, jim.mcneill@med.fsu.edu, 850-644-4389

Cindy Tyler, senior development officer, cindy.tyler@med.fsu.edu, 850-645-0390

\$250,000 OR MORE

Thomas E. DeLopez, DDS, and Sandy DeLopez

Jane E. Morgan and George D. Morgan

Charles A. Smallwood, M.D., and Kristin W. Smallwood, M.D.

Southeastern HealthCare Foundation

Mrs. Sammie Wade

\$100,000-\$249,999

Louis W. Bender, Ed.D.

\$50,000-\$99,999

Florida Hospital Memorial Medical Center

Florida Medical Practice Plan

John P. Fogarty, M.D., and Diane T. Fogarty

Moises Issa, M.D., and Stefani M. Green-Issa, M.D.

Daniel L. Woodward and Paja Faudree, Ph.D.

Edward C. Woodward and Lisa Woodward

Frederick M. Woodward and Tracey Woodward

Pat M. Woodward Jr. and Lisa L. Woodward

\$25,000-\$49,999

E. Coy Irvin, M.D., and Angela C. Irvin

Suzanne B. Johnson, Ph.D.

Orange County Medical Society of Florida

Tallahassee Memorial HealthCare Foundation

The Wagner Fund Trust

\$10,000-\$24,999

Garry D. Adel and Terry L. Cole, M.D.

American International Group Matching Gifts Program

Timothy C. Childers, M.D., and Blair B. Childers

David M. Duany, M.D., and Lauren C. Duany

Arlene M. Duncan

David A. Duncan, M.D., and Sherry K. Duncan

Michael R. Gilels, M.D.

Dave Groves and Margaret B. Groves

Renee T. Hamad

Mel C. Hartsfield, M.D.

Erwin D. Jackson, Ph.D., and Stefanie A. Jackson

Kathleen M. Kennedy, M.D.

Durell Peaden Jr., M.D., and Nancy G. Peaden

James L. Rodgers Jr., DDS, and Betty Ann Rodgers

TD Bank

\$5,000-\$9,999

John E. Agens Jr., M.D., and Mary Hackney

Raymond E. Bellamy II, M.D., and Jann J. Bellamy

Prasad V. Chalasani, M.D., and Mydhili Chalasani

Elizabeth W. Cook and Jay Robert Cook

Jose I. Diaz, M.D., and Inmaculada Silverio

The Immokalee Foundation

Indian River Medical Center

Jules B. Chapman and Annie Lou Chapman Private Foundation

Martin County Medical Society

Martin Health System

Wendy A. Myers, M.D., and Luckey M. Dunn, M.D.

Ellis R. Nobles Sr. and Ellen E. Nobles

Patricia Lynn Nobles and Ellis R. Nobles Jr.

Joseph F. Savona, M.D.

Shelfer Memorial Trust

Margaret G. Smith

John A. Stephenson Jr. and Rhonda T. Stephenson

Julia G. Weeks, M.D., and Steven E. Weeks

\$1,000-\$4,999

C. Bruce Alexander, M.D.

Alpha Omega Alpha Honor Medical Society

James A. Ball III and Katherine W. Ball

Susan J. Beil, M.D.

Gerald F. Bieniek and Susan E. Salvati-Bieniek

James E. Binkard, M.D.

Kenneth Bridges, M.D., and Myrna Bridges
Joedrecka S. Brown Speights, M.D.
Kenneth V. Brummel-Smith, M.D., and Amrita L. Brummel-Smith, M.D.
G.E. Bush and Suzanne Y. Bush, M.D.
Carlos F. Caballero, M.D., and Eve M. Caballero
Capital Health Plan
Pamela P. Carbiener, M.D.
Susan L. Chaney and Francis C. Chaney, DMD
Betty Lou Christ
Marian P. Christ
Jeffrey M. Cohen, M.D.
The Community Foundation of North Florida
Degnan Family Medicine
Michael G. Degnan, M.D., and Mai Phuong Degnan
Doctors Hospital of Sarasota
H. Avon Doll Jr., M.D., and Lou Ann Leonard Doll
Frances O. Dwyer
Fidelity Charitable Gift Fund
First Presbyterian Church
Florida Autism Center
Florida Keys Area Health Education Center
Florida Medical Association
C. David Fonvielle III and Deborah K. Fonvielle
The Fonvielle Foundation
Joseph M. France, M.D., and Jane W. France
FSU College of Medicine Class of 2014
Edward J. Galbavy, M.D., and Judith A. Galbavy
Steven M. Gallant, DDS
Daniel Glotzer, M.D., and Robin M. Glotzer, R.N.
Bettie J. Grant
Gulf Coast Community Foundation
Gulf Power Foundation
Halifax Medical Center
Scott D. Harrison and Suzanne L. Harrison, M.D.
Henry Schein Cares Foundation
Paul F. Hill and Mollie H. Hill
Wilson Hinson and Tee Hinson
Patrick W. Hogan
Kristin A. Jackson, M.D.
Alastair C. Kennedy, M.D., and Marion Kennedy
F. Hal Kushner, M.D.
Thomas Lampone, M.D.
Steven P. Latshaw
Lipman Produce
Helen N. Livingston, Ed.D.
Francille M. MacFarland, M.D.
Barbara P. Mahoney and John P. Mahoney, M.D.
Carol Ann Mannix
Dennis Mayeaux, M.D.
George T. McKnight, M.D.
Paul A. McLeod, M.D., and Melissa K. McLeod
Medical Information & Consulting Systems
Lawrence E. Mobley III, M.D.
Mohammad Yunus, M.D., FACP
Moon Management
North Okaloosa Medical Center
Northwood Associates
Richard S. Nowakowski, Ph.D., and Nancy L. Hayes, Ph.D.
Ormond Beach Memorial Hospital Doctors Fund
Keith B. Paredes, M.D., and Elizabeth L. Paredes
Vinayak V. Purandare, M.D., and Vidya Purandare
Elena Reyes, Ph.D.
Charles A. Ritchie, M.D., and Sarah M. Ritchie, M.D.
James H. Ryan, Ph.D., and Patricia A. Ryan
Cynthia S. Samra, M.D.
Sarasota Memorial Healthcare Foundation
Schofield, Hand and Bright Orthopaedics
Schwab Charitable Fund
Tudor M. Scridon, M.D., and Cristiana Scridon, M.D.
Richard J. Sheridan, M.D., and Maureen N. Sheridan
George A. Smith, M.D., and Janett M. Smith
Joseph C. Soto, M.D., and Caulley F. Soto, M.D.
Mounzer Soued, M.D.
Tallahassee Neurology Specialists
Gregory K. Todd, M.D.
Total Family Health Care
University of California-San Francisco
Daniel J. Van Durme, M.D., and Patricia L. Van Durme
John R. Van Wingen, Ph.D., and Marcia S. Van Wingen
Mark R. Wallace and Jan C. Garavaglia, M.D.
Wendy A. Welch, M.D., and Edward J. Greco
Megan M. Wilkins
Brett T. Williams, M.D.
Robert K. Wilson Jr., M.D., and Ms. Charlie Faye Wilson
Youthful Aging Home Health
Mohammad Yunus, M.D.
Dale T. Zorn, M.D.

DONATIONS BY GROUP

Of the fiscal year's nearly \$4.4 million in giving by individuals and organizations:

- Alumni/Attendees gave \$2.9 million
- Foundations, \$404,069
- Friends of the college, \$353,655
- Faculty and staff, \$311,878
- Corporations, \$257,177
- Parents, \$44,186

DONATIONS BY PURPOSE

Of the fiscal year's nearly \$4.4 million in giving by individuals and organizations:

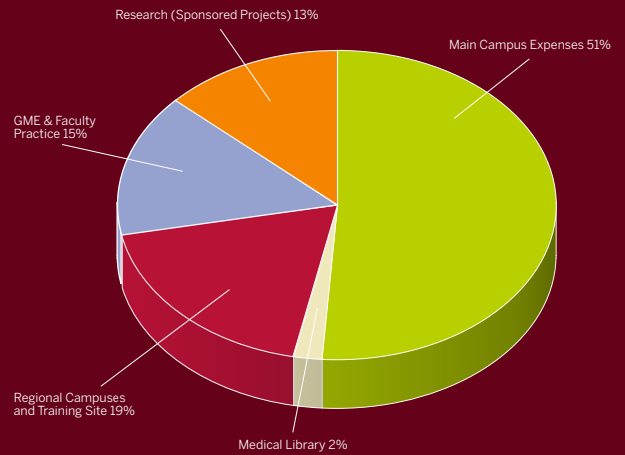
- Nearly \$3.2 million was given for academic divisions
- \$551,435 for student financial aid
- \$420,000 for unrestricted purposes
- \$132,918 for research
- \$30,347 for loan funds
- \$26,283 for faculty and staff

DONATIONS BY DEPARTMENT

Of the fiscal year's nearly \$4.4 million in giving by individuals and organizations:

- Sarasota Regional Campus received \$1.1 million
- Graduate Medical Education, \$701,000
- College-wide, \$625,000
- Dean's Office, \$580,000
- Student Affairs, \$424,394
- Administrative, \$420,000
- Daytona Beach Regional Campus, \$105,769
- Family Medicine & Rural Health, \$70,686
- Orlando Regional Campus, \$69,042
- Pensacola Regional Campus, \$50,721
- Fort Pierce Regional Campus, \$50,545
- Medical Humanities (now known as Behavioral Sciences and Social Medicine), \$45,000
- Biomedical Sciences, \$39,541
- Medical Education, \$26,543
- Outreach, \$17,550
- Tallahassee Regional Campus, \$16,394
- Clinical Sciences, \$11,788
- Geriatrics, \$6,700
- Immokalee Training Site, \$3,170
- Medical Library, \$25

COLLEGE OF MEDICINE EXPENDITURE SUMMARY 2013-2014



ADMINISTRATION

- John P. Fogarty, M.D., Dean
- Myra Hurt, Ph.D., Senior Associate Dean for Research and Graduate Programs
- Alma Littles, M.D., Senior Associate Dean for Medical Education and Academic Affairs
- Paul McLeod, M.D., Senior Associate Dean for Regional Campuses
- Chris Leadem, Ph.D., Associate Dean for Student Affairs and Admissions
- Helen Livingston, Ed.D., Associate Dean for Undergraduate and Graduate Programs
- Joan Meek, M.D., Associate Dean for Graduate Medical Education
- Michael Muszynski, M.D., Associate Dean for Clinical Research
- Gregory Turner, Ed.D., Associate Dean for Faculty Development
- Sharon Woodall, M.S., CPA, Associate Dean for Finance and Administration
- Rob Campbell, M.D., Assistant Dean for Student Affairs
- Jim McNeill, Assistant Dean for Development
- Christopher P. Mulrooney, Ph.D., Assistant Dean for Graduate Medical Education
- Donna O'Neal, M.A., Assistant Dean for Research Activities
- Graham Patrick, Ph.D., Assistant Dean for Admissions
- John Van Wingen, Ph.D., Assistant Dean for Information Management

