

# 2012

annual report



FLORIDA STATE UNIVERSITY

# 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.*

One of the “jobs” I enjoy most as dean is welcoming people to our College of

Medicine. We have many visitors each year – candidates for admission, family members of students or prospective students, politicians, local business and education leaders, and many friends. They come to tour our facility, meet our students, faculty and staff, and learn about our history and results.

They almost always express a sense of “wow,” saying that they are very impressed with our model, our programs and our outcomes. Many chide us for not getting that story out, or not being visible enough in our communities. While we might try to disagree and point out all the things we’ve done to tell our story, the simple fact is that if this is the impression they have, then it must be true.

I am pleased to present for your reading pleasure our latest annual report. This is one of the ways we share our story and highlight our success. This year, we also published our story in the December issue of *Academic Medicine*, describing the outcomes after 10 years of dedicated work in a new model of medical education. It has been fun to receive feedback from colleagues and friends from all over the country who congratulate us on our success.

Our own Dr. Watson — Robert Watson, executive associate dean for administrative affairs — published a companion piece in that same issue. He noted that in the current environment of medical education, sadly, NIH rankings and faculty-practice productivity often overshadow the core mission of teaching students to become excellent physicians. Dr. Watson thinks that we’re on to something



here and that other medical schools should take note.

Other faculty members have presented their work at specialty and educational meetings around the country, and the Association of American Medical Colleges’ Group on New and Developing Medical Schools has toasted our success. Those are great ways to get our story out, too, but clearly we can do more.

In April, we were pleased when our local newspaper, the *Tallahassee*

*Democrat*, published an editorial dedicated to the success and impact of the College of Medicine. This came as a result of several briefings we’d done with the local business community through the Economic Development Council of Tallahassee/Leon County. Again, everybody who heard our story responded with kudos and congratulations.

What I’ve learned in the struggle to get the word out about this amazing medical school is that there’s one resource above all others that we need to share in the effort. That’s you.

Please enjoy reading about some of the things we accomplished in 2012, and allow me to give a special thanks to our many friends and donors who have toasted our success with commitments to scholarships and programs during the past year.

Finally, let me thank each and every one of you who both tell our story and “walk our walk” with us every day to create the next generation of exemplary physicians. You know, the doctors who will be caring for us in the future?

John P. Fogarty, M.D.

Dean

Florida State University College of Medicine





Class of 2016

## HOW WE'RE UNIQUE

- The College of Medicine is community-based. Instead of learning in an academic medical center, where students see primarily the sickest patients and get a large percentage of instruction mostly 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 three rural/clinical training sites.
- We're mission-driven. Our mission (*see inside front cover*) is to serve the underserved. That starts with choosing the right students. Grades and 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 underserved. Then we immerse our students in a culture that values diversity, mutual respect, teamwork and open communication – and an innovative curriculum that prepares them to become lifelong learners.
- We're focused on primary care. We graduated our first class in 2005. Through 2012, more than 57 percent of our alumni had matched in one of these primary-care specialties: internal medicine, family medicine, pediatrics or obstetrics-gynecology. Seventy percent of our alumni now practicing in Florida are in primary care and 16 percent of those are practicing in a rural area, where recruiting new physicians can be a challenge. Of course, alumni in specialties other than primary care often serve rural and other underserved patients as well.

## 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

Medical students: 478

- Number of those who are minorities underrepresented in medicine: 109
- All minorities (including Asian): 177
- Florida residents: 473
- Women: 226
- Men: 252

Bridge students: 14

Ph.D. students: 41

- 33 in biomedical sciences (includes neuroscience-biomedical sciences and molecular biophysics)
- 7 in autism, research and interdisciplinary leadership at the Autism Institute (4 in communication science and disorders; 3 in psychology)

Postdoctoral fellows: 9



## ABOUT THE CLASS OF 2016

Our students reflect the mission of this medical school: They are overwhelmingly from Florida, and they arrive with a history of serving others. Look at the 120 members of the Class of 2016. Three out of five did their undergraduate work at either Florida State (52) or the University of Florida (25), though also among the schools represented were Notre Dame, Amherst, Cornell, Emory and Vanderbilt. By far, the No. 1 major was biology (38), but other majors ranged from psychology (seven) to Spanish (two) – and even church music (one).

Most came here right after getting bachelor's degrees, but nearly 30 have master's degrees as well, and some had careers. Several were flight instructors. One taught in Thailand. There's a former community planner, a patent attorney and a platoon medic deployed four times with the 3<sup>rd</sup> Ranger Battalion.

Most of the students have been tutors or teachers, and virtually all have volunteered – and still volunteer – their time to good causes. Mentioned most often was Camp Boggy Creek, a Central Florida oasis for children with chronic illnesses, but among the many others were hospices, neighborhood clinics, Relay for Life, Big Brothers Big Sisters, and Ronald McDonald House.

Apart from medicine, these students' interests vary in fascinating ways. Cooking is high on the list. One student studied classical Arabic. One enjoys riding his vintage gold Schwinn. One played varsity lacrosse, and several have played or coached varsity soccer. Running appears to be their favorite athletic activity; one student was a 400-meter sprinter for the FSU track program. And one specializes in the Brazilian martial art known as capoeira.

The most compelling part of their story, though, is the path that led them here. At least one grew up in an uninsured family and knows the challenges first-hand. Another has a passion for serving rural communities because she grew up in one with inadequate medical care. Several students say their pediatricians were their role models. One former flight-test engineer decided to apply his problem-solving skills to the human body.

Some were inspired at home, either by parents who practiced medicine or, in one case, after taking care of disabled siblings. Others found inspiration after long journeys, including one whose passion to pursue medicine was confirmed at an eye clinic in a small village in India.

"Passion": That word comes up time and again. We can't teach passion at the College of Medicine, but we nurture it and value it in tomorrow's physicians.

## ALUMNI

567, including the 117-person Class of 2012. A total of 133 of those graduates have completed residency and, in some cases, fellowship training and are now practicing physicians (see where they are practicing starting on Page 48).

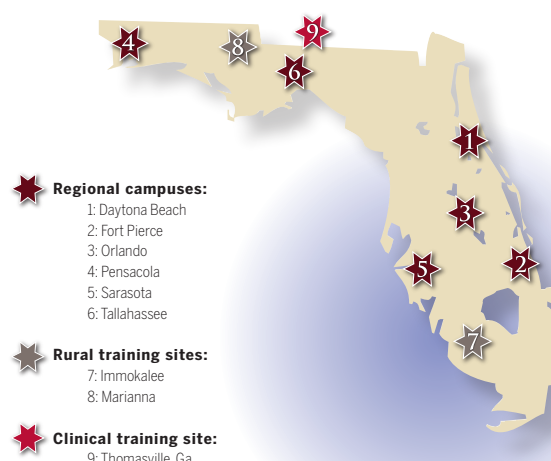
## FACULTY

Full-time: 137

Part-time: 2,169

## REGIONAL CAMPUSES

Medical students spend their first two years at the main campus in Tallahassee. For Years 3 and 4, students 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 more than 2,100 physicians to provide clinical training to our students.



### Regional campuses:

- 1: Daytona Beach
- 2: Fort Pierce
- 3: Orlando
- 4: Pensacola
- 5: Sarasota
- 6: Tallahassee

### Rural training sites:

- 7: Immokalee
- 8: Marianna

### Clinical training site:

- 9: Thomasville, Ga.

## CONTACT US

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Tallahassee, FL 32306-4300

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## OUTCOMES TO SHARE

How well is the Florida State University College of Medicine doing in achieving its mission?

That's a constant source of conversation within and around the medical school, and a question that arose here many years before prominent national discussions about health-care reform. There is a clear link between the topics.

Without more primary-care physicians, meaningful health-care reform isn't likely in the United States. But if the FSU College of Medicine is successful in achieving its mission, it's a pretty good indication that this country can, in fact, produce the primary-care physicians it needs.

A dozen years after its creation, this medical school has insights backed by data that support novel approaches to producing more of the primary-care physicians needed in Florida and across the U.S.

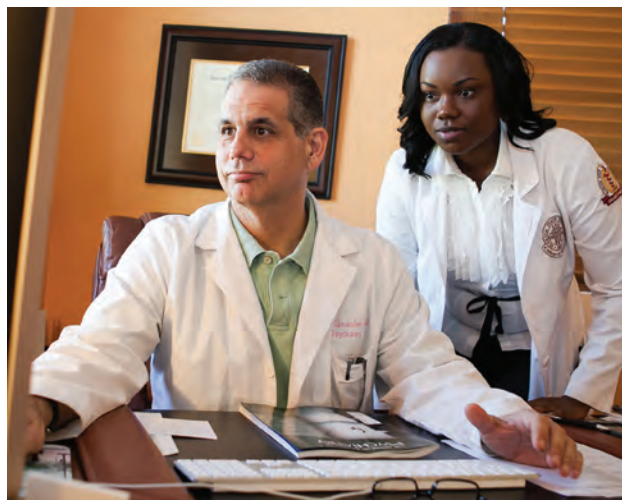
So when *Academic Medicine*, the journal of the Association of American Medical Colleges, invited Dean John Fogarty to share those insights, he didn't hesitate.

The result was an article in the publication's December 2012 issue, co-authored by Fogarty and several members of his administrative team, including Alma Littles, Lynn Romrell, Robert Watson and Myra Hurt.

Here are some of the points shared by the authors:

- The traditional model of medical education has been based in the academic health center.
- Most of those seeking health care find it in ambulatory (outpatient) settings, not in academic health centers where most medical students and residents train.
- Training medical students with community physicians primarily outside of the hospital was the central developmental theme in the creation of the FSU College of Medicine.
- A fundamental value for the FSU College of Medicine's development of six regional campuses across Florida was and is the importance of the local community. The college maintains affiliation agreements with all major health-care entities in each regional campus community.
- Efforts are made to ensure that only respected local physicians become part of the regional campus faculty.
- An education director at the central campus is responsible for developing the goals and objectives for the required third- and fourth-year clerkships, ensuring comparability across campuses.
- An online clinical data collection system, digital library and other audio, video and online technologies are critical to providing consistent clinical training experiences in the distributed model.





- Students spend the majority of their time during clinical rotations under the supervision of an experienced physician. Contact with residents, who are the least experienced physicians, is kept to a minimum. This approach is a radical departure from the way most medical students learn in the U.S.
- The Liaison Committee on Medical Education (LCME) cited the educational model as a strength when granting the college a maximum eight-year continuation of accreditation in November 2011. The LCME wrote: “The community faculty apprenticeship model of clinical education provides students with the opportunity to see large numbers of patients, to be involved in all aspects of their care, and to be closely observed for development of competence in their roles as physicians.”
- College of Medicine students report satisfaction with their learning experience at FSU. On the Graduation Questionnaire provided to all graduating students of M.D. programs in the U.S. and Canada, 124 questions allow comparison across medical schools. On 113 of those questions (91 percent), FSU students in the Class of 2011 rated their experience “higher than/better than” mean ratings for students at other medical schools. (See Page 46 for more)
- FSU medical students are exceeding the national pass rate on the required United States Medical Licensing Exam Step 1 (given at the end of the second year of medical school) and Step 2 (given during the fourth year). The results provide further validation of the clinical training model. (See Page 44)
- While limited available residency slots in Florida have led to more than 60 percent of graduates leaving the state for graduate medical education, 60 percent of those College of Medicine alumni in practice are doing so in Florida. (See Page 51)
- The challenge is to sustain this model, both in keeping sight of the college’s mission and in maintaining the state funding to support it. State support diminished over the past four years, reflecting the flagging Florida economy, but has been offset with increased revenue through full enrollment and modest increases in tuition, along with strong growth in the research enterprise.
- The highly popular community-based model, strongly supported by both faculty and students, should guarantee the focus on ambulatory training and staying true to the FSU College of Medicine’s mission.



### INSIDE OUT: AN OBJECTIVE OPINION

**Robert Watson, M.D.**, has seen the Florida State University College of Medicine from both sides. When he first heard about it, and even as he watched it grow, he didn't necessarily agree with it. That was before he worked here.

Before joining the administration at Florida State in 2008, he had spent most of his professional life teaching at an academic health center.

Watson penned a commentary for the December 2012 issue of *Academic Medicine* to accompany the article about the college's successful outcomes.

Some of Watson's comments included:

- Medical schools that are part of academic health centers (AHCs) are vital for caring for needy patients, creating new knowledge, educating residents and other health-care professionals, and serving as economic engines for their communities and states.
- Despite making significant education advances over the years, modern AHCs have increasingly moved the education of medical students to the periphery in many medical schools because of obligations to other significant and vital missions.
- In 1996, David Korn, for an article in *Academic Medicine*, wrote that "medical schools need medical students, not so much to teach them but to give the entire apparatus of the school a justification for being." That observation was timely and prescient.
- In a 2003 article Watson wrote for *Academic Medicine*, he observed that the importance of research for promotion and tenure and the growth in the number of basic science faculty had no direct relationship to the learning needs of medical students.



- Clinical centers built on the premise of medical education heavily invested in clinical activities — generally procedural ones — that were more likely to generate revenue. This further fueled specialization and compromised the environment for the provision of a general professional education for medical students.
- Florida State's medical school was explicitly founded on the concept that its core and major mission would be the same: the education of medical students, especially students who were interested in primary care.
- As it was being established as a medical school and in its early years, Watson was among its most vocal doubters and critics. But actually working at this new medical school has convinced him that a different kind of medical school can be highly effective in the formation of future physicians.
- The outcomes of Florida State's model have confirmed its value.
- The FSU College of Medicine has been a great success. There are many factors contributing to this success, but development of a new model without the constraining traditions that exist in established medical schools that are part of AHCs may be the most important factor.

Watson, who serves as executive associate dean for administrative affairs, became a national leader in educational affairs while working at an AHC. He served as chair of the Association of American Medical Colleges Group on Educational Affairs in 2001. In 2005, the AAMC honored Watson with its Alpha Omega Alpha Robert J. Glaser Distinguished Teacher Award, the highest national recognition given for contributions to the education mission.

### THE MISSIONS DASHBOARD

In 2012 the Association of American Medical Colleges produced the "Medical School Missions Dashboard" to help its member schools get a better read on how well they are achieving their mission. Using data provided by all 128 AAMC-member schools, the dashboard provided encouraging news for the Florida State University College of Medicine:

Compared with all other AAMC-member medical schools, Florida State is:

- In the 96th percentile for percentage of students estimated to practice primary care as measured by the percent of graduates entering primary-care specialties in residency minus those who pursue a subspecialty fellowship.
- Among the top 5 percent of medical schools in the percentage of graduates who are black or African-American.
- Among the top 12 percent of medical schools in the percentage of graduates who are Hispanic or Latino.
- Among the top 10 percent in the way graduates rate the quality of the medical education received for the following:
  - Basic science course objectives were made clear to students.
  - Basic science content provided relevant preparation for clerkships.
  - Fourth year was important for enhancing students' clinical education.
  - Educational experiences in family medicine clinical clerkships were of high quality.

Under the category of Prepares Physicians to Fulfill the Needs of the Community, Florida State is:

- In the 90<sup>th</sup> percentile for providing field experience in community health, instruction in women's health and instruction in the role of community health and social service agencies.
- Among the top producers of primary-care physicians.
- Among the top producers of family physicians.



Barreau



Berger



Britt



Brown



Cabrera



Chau

## MEDICAL STUDENTS

### AWARDS

**Jackson Hospital stipend:** **Geami Britt**, Class of 2015, was awarded a medical stipend from Jackson Hospital in Marianna.

**OLLI Scholarship:** **Maureen Bruns**, Class of 2015, received a scholarship from Florida State University's Osher Lifelong Learning Institute (OLLI).

**Minority Scholars Award:** **Shermeeka Hogans-Mathews**, Class of 2015, received a \$10,000 Minority Scholars Award from the American Medical Association Foundation. The award, one of only 13 given out this year, recognizes scholastic achievement, financial need and commitment to improving minority health among first- or second-year medical students in groups defined as historically underrepresented in the medical profession.

**DigiTech Award:** **Francoise Marvel**, Class of 2012, was recognized with an Excellence Award at Florida State University's DigiTech Awards Ceremony for her "Madruga and Marvel's Medical Black Book App." She created the app in 2011 using her internal-medicine mentor's notes.

**National Medical Fellowships:** **Kenisha Pemberton**, Class of 2012, became the third Florida State University student to receive a prestigious GE/NMF fellowship to work and study during an all-expenses-paid externship in Ghana. As one of 14 medical scholars chosen nationwide, Pemberton completed a two-month elective that focused on critical regional health-care needs.

**Tylenol Scholarship:** **Kristopher R. "Ryan" Shannon**, Class of 2015, is one of only 40 students nationwide who received a \$10,000 Tylenol Future Care Scholarship in 2012. Recipients are chosen on the basis of leadership qualities, academic excellence and passion for community involvement.

**Nickens Scholarship:** **Brett Thomas**, Class of 2014, received a \$5,000 Herbert W. Nickens Medical Student Scholarship. Only five other students in the country received the scholarship, awarded by the Association of American Medical Colleges. The awards go to outstanding third-year medical students who have led efforts to eliminate inequities in medical education and health care.

**Alpha Omega Alpha National Honor Medical Society:** Nineteen students from the Class of 2013 have been inducted into the Alpha Omega Alpha National Honor Medical Society for 2012-2013. They are **Mary-Margaret Allen**, **Monica Chatwal**, **Michele Edison**, **Zach Folzenlogen**, **Zachary Hale**, **Kimberly Hemphill**, **Jonathan Imran**, **Brittany Jackson**, **Richard Jones**, **Umar Karaman**, **Stephen Lozier**, **Babak Missaghi**, **David Page**, **Katie Powell**, **Elisabeth Sappenfield**, **Luby Sidoff**, **Joshua Smith**, **Andrea Taylor** and **Claudia Zapata**. AOA recognizes and advocates for excellence in scholarship and the highest ideals in the profession of medicine.

**Gold Humanism Honor Society:** These 16 students from the Class of 2013 have been named members of the Gold Humanism Honor Society: **Jason Boothe**, **Laura Davis**, **Zach Folzenlogen**, **Amy Haddock**, **Zachary Hale**, **Austin Henkel**, **Brittany Jackson**, **Jennifer Owen**, **Shannon Scott**, **Shawn Shah**, **Joshua Smith**, **Heather Staples**, **Cindy-Sue Turco**, **Melissa Velarde**, **Sarah Weaver** and **Claudia Zapata**. They were selected based on their clinical excellence, service to others, patient-centered approach to care and compassion.



## PUBLICATIONS & PRESENTATIONS

**Florida Family Physician:** Laura Davis, Class of 2013, wrote two articles for the fall issue of *Florida Family Physician*. In one, she interviewed classmates **Emile Barreau**, **Zeena Mae Bentinganan**, **Jennifer Miller** and **Mary Woods** about the American Academy of Family Physicians' National Conference. In the other, she discussed the FAFP Summer Forum.

**David Lowenthal Award:** Marielys Figueroa-Sierra, Class of 2016, was awarded first place for the David Lowenthal Award in the poster competition at the annual Florida Geriatrics Society meeting in June. Associate Professor Niharika Suchak, MBBS, and Program Director Suzanne Baker, M.A., were co-authors of the poster, "interRAI Contact Assessment in Transitional Care."

**Florida Public Health Review:** Brittany Lamb, Class of 2014, was co-author of "Is the POLST Model Desirable for Florida?" published in the *Florida Public Health Review*. The article, written under the supervision of Marshall Kapp, J.D., MPH, director of the Center for Innovative Collaboration in Medicine and Law, resulted from a summer 2010 project through the center, with the financial support of the Department of Geriatrics' Mathews Fund. Lamb and her College of Law co-author also presented poster versions of their project at the meetings of the Florida Medical Association and the Florida Medical Directors Association.

**Whitaker Prize:** Rachel Tripoli, Class of 2014, accepted the Whitaker Prize for Best Platform Presentation at the Consortium of Multiple Sclerosis Centers' annual conference. Tripoli was lead author of "Deficient Contrast Visual Acuity in Patients with Multiple Sclerosis Degrades Gait Performance Under Conditions of Low Illumination." She accepted the award in behalf of co-authors **Kelly Schwirian**, Class of 2014, **Megan J. Walley**, Class of 2016, Barbara Kiourgas, Professor Harold Bland, M.D., Communication Science and Disorders Professor Leonard LaPointe, Ph.D., and Professor Gerry Maitland, M.D.

**International Journal of Risk & Safety in Medicine:** Leah Williams, Class of 2013, was co-author of "Long-term complication: Florida's death certification process and long-term care," which was published in the *International Journal of Risk & Safety in Medicine*. Like Lamb's article (above), it was written under Marshall Kapp's supervision with financial support from the Mathews Fund.

**American College of Physicians:** Six Class of 2013 students were selected to present their research at the American College of Physicians meeting. They were **Ashley Dlugokienski**, "An Unusual Presentation of Hand Pain"; **Brittany Jackson**, "Unusual Treatment of Incessant Polymorphic Ventricular Tachycardia by Desynchronization of the Ventricles Using an Implantable Cardiac Defibrillator"; **Andrea Taylor** and **Garrett Brown**, "Bilateral Paramedian Thalamic Infarction: Occlusion of the Artery of Percheron"; **Cindy-Sue Turco**, "Repetitive and Stereotyped Movements (RSM) and Gait Disturbances in 11 Toddlers with Autism Spectrum Disorder (ASD)"; and **Kathryn Winn**, "A Surprising Discovery in a Case of Suspected Acute Cholecystitis." Class of 2012 student **Bryan Garcia** presented "Brainstorming: a diagnosis – Disseminated Nocardiosis masquerading as metastatic disease." He submitted the poster with Brenda Ernst, M.D., a resident at Orlando Health, and Jorge Parellada, M.D.

## LEADERSHIP

**American Academy of Pediatrics:** Brian Gordon, Class of 2015, was selected for a two-year term on the AAP's Medical Student Subcommittee.



Cooke



Dlugokienski



Figueroa-Sierra



B. Gordon



Henkel



P. Lin



Matthews



O'Neal-Moffitt



Paradise



Pemberton



Shannon



Sims

**American Medical Association – Medical Student Section:** Five Class of 2014 students traveled to Washington, D.C., to learn more about the political side of health care. They were **Justin Mauldin, Eleanore Black, Brittany Lamb, Rick Sims and Kim Truong**. They met with aides, chiefs of staff or health-care advisors for various Florida members of Congress.

**GME Summit:** **Katie Relihan**, Class of 2013, participated in an October Graduate Medical Education Summit in Tampa, sponsored by U.S. Rep. Kathy Castor, State University System Chancellor Frank Brogan and USF Health CEO Stephen Klasko. Relihan was part of a panel discussion on “Why GME Reform Now? A Student Perspective.”

#### SERVICE-LEARNING TRIPS

**Spring break:** Once again, spring break saw dozens of students broadening their horizons and sharpening their skills through service-learning trips. Thirteen returned to Los Cedros, Nicaragua, a village where SIGH (Students Interested in Global Health) has been making quarterly visits since December 2010. And 16 participated in FSUCares’ annual spring trips to Immokalee, Texas and the village of Filipina, Panama.

Here are the names of the FSUCares student participants. Immokalee group (all Class of 2015): **Neeka Akhavan, Tyler Caton, Paula Domino, Ryan Howard, Laura Irastorza and Nicole Miller**. Panama group (all Class of 2015 unless specified otherwise): **Geami Britt, Juliana Matthews, Tiana Monostory, Jonathan Salud, John Thomas** (Class of 2014) and **Kristen Valencia**. Texas-Mexico group (all Class of 2015): **Caitlin Borkowski, Maureen (Paulie) Bruns, David Capelouto and Brian Gordon**.

These are the names of the medical students who participated in SIGH’s spring Nicaragua trip. Class of 2012: **John Abraham, Sareh Shoraka Dyer, Aaron Hilton, Gina Obmaña, Anup Patel, Amol Purandare, Aaron Snyder and Shahab Virani**. Class of 2015: **Mitali Agarwal, Sara Ghayouri, Joshua Gordon, Brian Hassani and Nathan Nowalk**.

**Other trips to Nicaragua:** These medical students traveled to Los Cedros at other times in 2012. Class of 2013: **Elizabeth Ault, Laura Davis, Patrick Gill, David Mendoza, Mary Norton, Naomi Salz, Kyle Solari, Melissa Velarde, Brittany Warren, Kathryn Winn**. Class of 2015: **Caitlin Borkowski, Tony Brar, Paula Domino, Aaron Hayson, Maggie Hilder, Ryan Humphries, Laura Irastorza, Sanjana Iyengar, Christina Kim, Rida Laeeq, Rachel Mattio, Sarah McClellan, Joanna Meadors, Robert Morris, Patrick Murray, Elizabeth Schmidt, Joshua Smith, Emilie Wang, Kevin Yan**.

#### MORE SERVICE ACTIVITIES

**Pedaling for Parkinson’s:** **Jillianne Grayson**, Class of 2014, organized more than a dozen fellow students for an indoor cycle-a-thon. They raised \$15,000 for Tallahassee Memorial Hospital’s Neuro-Science Center for Parkinson’s research.

**Health fairs:** Former FSUCares officers **Melissa Velarde** and **Sarah Weaver**, both Class of 2013, organized health fairs in Apopka (near Orlando) and Daytona Beach. The two organizers participated in both fairs, and they had a lot of help. Class of 2012 students at Apopka were **Jared Rosenfeld** and **Coley Sheriff**. From the Class of 2013 were **Omolabake Bankole, Zachary Hale, Carlos Leon, Philip Lin, Raquel Olavarrieta, Aleksandra Ostrovskaya, Shawn Shah, Heather Staples and Brittany Warren**. Class of 2013 students helping at Daytona Beach were **Jesse Boodoo, Stephen Cooke, Meghan Fabrizi, Gabby Messmer, Dale Taylor** and

**Natalie Williams.** Also participating, from the main campus, were Class of 2014 students **Mohamed Ashouri, Eleanore Black and Chirley Rodriguez,** and Class of 2015 students **Ryan Brosch, Yen Chau, Chian-Yu Lin, Rachel Mattio and Crystal Pickeral.**

Class of 2014 students **Jose Barquin** and **Courtney Paradise** were praised for helping Gadsden County revive its science fair.

Class of 2013 students **Andrew Calzadilla** and **Monica Chatwal** were thanked in the Volusia County Medical Society newsletter for representing the group as judges in the county science fair.

#### MISC.

**Ryan Berger,** Class of 2015, created an app that turns your iPhone into a sophisticated AED detector, for emergencies that require a heart defibrillator.

**Kristina Seeger,** Class of 2012, single-handedly guaranteed that Match Day 2012 would be one for the history books. Actually, her boyfriend did. On Match Day, fourth-year students walk up to the microphone to announce where they will do their residency training. Seeger did likewise, but boyfriend Patrick Mickel had a surprise. On the stage, before hundreds of onlookers, he got down on one knee and proposed to a stunned but delighted Seeger. Thank goodness, she said "Yes."

### GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

**Wilson-Auzenne Assistantship:** **Oscar Cabrera,** a graduate student in Tim Megraw's lab in the Department of Biomedical Sciences, was awarded a Wilson-Auzenne Graduate Assistantship for Minorities. The assistantship includes a stipend of \$5,000 and a tuition waiver for the fall and spring semesters. Last year, Biomedical Sciences graduate student **Janel Rodriguez** received the same award.

**NIH Grant, and Research and Creativity Award:** **Zarko Manojlovic** received a three-year National Institutes of Health grant for his research project, "The translation and regulation of type I collagen in liver fibrosis as a target for new drug development." Manojlovic also received a 2011-2012 Graduate Student Research and Creativity Award from Florida State University. Manojlovic, a graduate student in Biomedical Sciences, was recognized at an awards ceremony in April for his research and creative productivity in the area of natural and physical sciences. The focal point of his research is liver fibrosis, working under the direction of Associate Professor Branko Stefanovic.

**OLLI Scholarship:** **Gina O'Neal-Moffitt,** a grad student in the Olcese lab, received a \$2,000 Fall 2012 OLLI Scholarship from Florida State's Osher Lifelong Learning Institute.

**Bryan W. Robinson Endowment:** Four graduate students were awarded research project grants at the 14th Annual Bryan W. Robinson Endowment Dinner. **Deborah Morris** was awarded a \$1,250 research grant for "Monitoring Edema and Cellular Metabolism in Ethanol and Trauma-Induced Brain Injury by Magnetic Resonance Imaging at 21 Tesla"; **Gina O'Neal-Moffitt,** \$1,250 research grant, "Melatonin's Neuroprotection in an Alzheimer Brain"; **Matthew D'Alessandro,** \$500 honorable mention award, "BTRCP1/2 play critical roles in the circadian clock mechanism"; and **Molly Foote,** \$500 honorable mention award, "Schizophrenia-Related Abnormalities in the 14-3-3 Functional Knockout Mice."



Thomas



Truong



Winn



Zapata





Agens



Appelbaum



Bernat



Beitsch



Bienkiewicz



Bernat

**John Agens, M.D.**

*Associate professor  
Department of Geriatrics*

Was appointed as the American Geriatrics Society representative to a three-year term as an advisor to the Relative Value Update Committee (RUC) of the American Medical Association. He will help advise the RUC on various medical specialty societies' positions on physician and allied health professionals' work and practice expense valuations for medical procedure codes.

**Jonathan Appelbaum, M.D.**

*Associate professor  
Department of Clinical Sciences*

Was recognized by the American Academy of HIV Medicine for his "creative, tenacious and inspired leadership" as co-principal investigator of the HIV and Aging Consensus Treatment Strategies project: Recommended Treatment Strategies for Clinicians Managing Older Patients with HIV.

**Les Beitsch, M.D., J.D.**

*Associate dean  
Division of Health Affairs*

Received the Florida State University Guardian of the Flame award as one of 15 faculty members honored for commitment to advancing the university as a leading institution of higher education.

**Debra Bernat, Ph.D.**

*Assistant professor  
Department of Medical  
Humanities and Social Sciences*

Received a two-year R03 grant from the National Institutes of Health for her research project, "Behavioral and Environmental Contributors to Tobacco Disparities in Rural Youth."

**Pradeep Bhide, Ph.D.**

*Professor  
Jim and Betty Ann Rodgers  
Eminent Scholar Chair of  
Developmental Neuroscience  
Department of Biomedical Sciences*

Received a GAP Award from the Florida State University Research

Foundation for his project "Novel Non-Stimulant Treatment for ADHD."

**Ewa Bienkiewicz, Ph.D.**

*Research assistant professor  
Director, Protein Biology  
Laboratory  
Department of Biomedical Sciences*

Received GAP funding for her project "Vascular Injury Treatment," which seeks to develop a novel therapeutic agent to minimize cell death following a vascular injury event including stroke, traumatic brain injury and other injuries that involve bleeding.

**Michael Blaber, Ph.D.**

*Professor  
Department of Biomedical Sciences*

Along with Lab Manager Sachiko Blaber, was awarded a patent for the lab's research project "Method of Treating Multiple Sclerosis with Anti-K6 Antibody." Also was awarded three patents for "Mutants of Human Fibroblast Growth Factor Having Increased Stability and/or Mitogenic Potency."

## INNOVATIVE SCIENCE

No program or college on the Florida State University campus was better represented than the College of Medicine when it came to innovative research in 2012. Eleven faculty members were honored at the 8<sup>th</sup> Annual Innovators Reception, sponsored by the FSU Office of Intellectual Property Development and Commercialization.

College of Medicine faculty recognized at the event included: **Pradeep Bhide, Ewa Bienkiewicz, Michael Blaber, Myra Hurt, Sanjay Kumar, Choogon Lee, James Olcese, Michael Overton, Raed Rizkallah, Branko Stefanovic** and **Jacob VanLandingham**. They were honored for research that resulted in new disclosures, GAP funding, patent applications, new patents granted and for technology that was commercialized.

### Ed Bradley, M.D.

*Education director for surgery  
Department of Clinical Sciences  
Surgery clerkship director  
Sarasota Regional Campus*

Presented "The New Surgery Clerkship" at the Academic Surgical Congress. Co-authored with College of Medicine faculty members Alma Littles and Lynn Romrell "A contemporary surgical clerkship," published in the *Journal of Surgical Research*.

### Adam Bright, M.D.

*Clinical associate professor  
Sarasota Regional Campus*

Spearheaded the effort to build a \$250,000 Sarasota County playground for disabled, able-bodied, young and old as a project to fight obesity and improve fitness.

### Ken Brummel-Smith, M.D.

*Charlotte Edwards Maguire Chair  
and Professor  
Department of Geriatrics*

Was selected as a 2012-13 Health and Aging Policy Fellow by the Healthy Aging Program at the Centers for Disease Control and Prevention. The fellowship is designed to foster in health professionals the skills needed to influence the development and implementation of health policies affecting older Americans.



Blaber



Brummel-Smith



Bhide



Bradley



Campbell



Carretta



Clements



Driscoll



Flynn



Fogarty



Gonzalez-Rothi



Granville

**Kendall Campbell, M.D.**

*Associate professor  
Department of Family Medicine  
and Rural Health*

Received Florida State's Dr. Martin Luther King Distinguished Service Award, given each year to a member of the FSU community who exemplifies King's ideals and the university's commitment to diversity. "I am deeply humbled to receive such an award honoring a man with such vision, compassion and sacrifice," Campbell said. "His focus, peacefulness and tenacity for a cause are to be admired and emulated."

**Henry Carretta, Ph.D.**

*Assistant professor  
Division of Health Affairs*

Published results of a comprehensive study to help the Florida Department of Health better understand how well state hospitals and emergency departments are prepared to care for patients who show up with complications from asthma. See a story about Carretta's study on Page 29.

**Arthur Clements, M.D.**

*Education director for obstetrics and gynecology  
Department of Clinical Sciences*

Was elected chairman (Florida Section 1) of the American College of Obstetrics and Gynecology and chairman of the ACOG State of Florida Political Action Committee.

**Frank Conidi, D.O.**

*Clinical associate professor  
Fort Pierce Regional Campus*

Was elected vice chair of the American Academy of Neurology's Sports Neurology Section. Also served on a Sports Concussion subcommittee of the Florida High School Athletic Association's Sports Medicine Advisory Committee, developing an education program for parents, players and coaches and concussion guidelines pertaining to return to play.

**Kimberly Driscoll, Ph.D.**

*Assistant professor  
Department of Medical  
Humanities and Social Sciences*

Received a \$655,000, four-year National Institutes of Health grant to study ways to improve insulin pump

adherence in adolescents with Type 1 diabetes. The grant includes an opportunity for training on mining data through memory chips attached to blood glucose monitoring devices and insulin pumps; Also received a career development award from the National Institute of Diabetes and Digestive and Kidney Diseases.

**Heather Flynn, Ph.D.**

*Associate professor  
Vice chair for research  
Department of Medical Humanities and Social Sciences*

Became a 2012 scholar of the Harvard Macy Program for leading innovations in health care and education. Received the Doctoral Graduate Award of Distinction from the Florida State University Department of Psychology.

**John P. Fogarty, M.D.**

*Professor  
Family Medicine and Rural Health  
Dean  
College of Medicine*

Was named chair-elect of the Section on Medical Schools for the American Medical Association.



**Ricardo Gonzalez-Rothi, M.D.**

*Professor and chair  
Department of Clinical Sciences*

Was invited to serve on the national board of directors for the Hispanic-Serving Health Professions Schools. Served as keynote speaker for the FSU Oscar Arias Sanchez Hispanic Honor Society induction in April.

**Lisa Granville, M.D.**

*Professor and associate chair  
Department of Geriatrics*

Completed a six-year term on the American Board of Internal Medicine's test writing committee for geriatric medicine. Served as geriatrics section leader for the scientific program subcommittee responsible for planning the education program of the American College of Physicians' annual meeting. Also was appointed to the Senior Falls Prevention Coalition of the Florida Department of Health Injury Prevention Program.

**Steven Halbreich, M.D.**

*Clinical associate professor  
Sarasota Regional Campus*

Was named Physician of the Year for 2012 at Doctors Hospital of Sarasota.

**Manning Hanline, M.D.**

*Clinical associate professor  
Pensacola Regional Campus*

Received the Key Contact award from the Florida Chapter of the American College of Physicians for exceptional efforts to support the ACP's state and federal advocacy programs.

**Washington Hill, M.D.**

*Clinical associate professor  
Sarasota Regional Campus*

Received the Sarasota Memorial Health System 2012 Lifetime Achievement Award. After 20 years with Sarasota Memorial he retired in January and joined his wife, Pauline, in Rwanda to help build a high-quality and sustainable health system.

**Myra Hurt, Ph.D.**

*Senior associate dean for research and graduate programs  
Professor  
Department of Biomedical Sciences*

The Hurt lab developed a marker for cell division commercially viable as a research reagent.

**Suzanne Johnson, Ph.D.**

*Distinguished Research Professor  
Department of Medical Humanities and Social Sciences*

Completed her term as president of the American Psychological Association. Received the Distinguished Alumni Award from Stony Brook University.

**Marshall Kapp, J.D., MPH**

*Director  
Florida State University Center for Innovative Collaboration in Medicine and Law*

Was awarded, as co-principal investigator with **Ken Brummel-Smith, M.D.**, a Retirement Research Foundation POLST Innovative States Award. The grant and accompanying recognition is expected to help Kapp and the Medicine and Law Center in the effort to promote POLST (Physician Orders for Life-Sustaining Treatment) in Florida. The POLST vision is to ensure that seriously ill people's wishes regarding life-sustaining treatments are known, communicated and honored across all health-care settings. Kapp also in 2012 was recognized by the FSU College of Law as its sixth "Most Cited



Hill



Hurt



Johnson



Kapp



S. Kumar



Laird



Levenson



Littles



Maitland



Mayeaux



Meek



Megraw

## SHINING STARS

Sharing the methods behind our success is an important goal for the College of Medicine. In particular, other medical schools both inside and outside of the United States have inquired about how we manage the education of third- and fourth-year medical students who are at regional campuses a long way from Tallahassee. Our success in doing so was noted as a strength by the Liaison Committee on Medical Education during our recent eight-year extension of accreditation.

In 2012 the College of Medicine's efforts were honored by the Association of American Medical Colleges with the Shining Star of Educational Innovation. The award was presented by the AAMC Group on Regional Medical Campuses Steering Committee.

The award is in recognition of a project developed by faculty members Dennis Baker, Greg Turner and Marshall Kapp: "Humanizing the Legal Risk Management Education of Medical Students: A Collaborative Project of Central and Regional Medical Campuses."

The official letter said the award recognized the "exceptional collaboration among the Florida State University College of Medicine Office of Faculty Development, Florida State University Center for Innovative Collaboration in Medicine and Law, and all six of your regional medical campuses."

Baker, Ph.D., is the now-retired (December) associate dean for faculty development; Turner, Ph.D., is associate dean for faculty development and associate professor in the Department of Geriatrics; and Kapp, J.D., MPH, is director of the Florida State University Center for Innovative Collaboration in Medicine and Law.

Scholar" in *Brian Leiter's Law School Rankings: Top 70 Law Faculties in Scholarly Impact, 2007-2011*.

**Ajoy Kumar, M.D.**

*Clinical associate professor  
Sarasota Regional Campus*

Received the Young Leader

Award from the Florida Academy of Family Physicians and was elected as an alternate delegate to the American Academy of Family Physicians.

**Sanjay Kumar, Ph.D.**

*Assistant professor  
Department of Biomedical Sciences*

Discovered a new type of brain receptor whose physiological properties had previously been overlooked. "The FSU Receptor," as he calls it, influences learning and memory. His findings were published in *Neuroscience*.

**Rosemary Laird, M.D.**

*Clinical associate professor  
Orlando Regional Campus*

Named Clinician of the Year in the United States by the American Geriatrics Society. The award honors clinicians who have made outstanding contributions to the delivery of quality health care to older people, who communicate well with patients and their families, and who make generous contributions to community health-care efforts.

**Cathy Levenson, Ph.D.**

*Professor of biochemistry and genetics  
Department of Biomedical Sciences*

Received a 2012-2013 multidisciplinary support award from the Florida State Council on Research & Creativity. The award is for her research project, "Drug Resistant Cancers: Identification of Biomarkers to Enhance Diagnosis and Treatment."

**Alma Littles, M.D.**

*Senior associate dean for medical education and academic affairs*

Was named to the American Medical Association's

Section on Medical Schools governing council. Also was featured among North Florida notables in Tallahassee Community College's 2012 African-American History Calendar, which highlighted the achievements of African-Americans in Leon and surrounding counties. Was re-elected as a delegate to the American Academy of Family Physicians. Was appointed vice chair of the Florida Medical Association Council on Medical Education.

**Mario Madruga, M.D.**

*Clinical associate professor  
Orlando Regional Campus*

Received the Outstanding Teacher of the Year Award from the Florida Chapter of the American College of Physicians for demonstrating outstanding leadership and dedication to medical education.

**Gerry Maitland, M.D.**

*Professor  
Department of Clinical Sciences*

Was named to the Council of Aging 2011-12 Falls Prevention Hall of Fame for

demonstrating a significant impact in falls prevention in Florida. Was inducted into the Alpha Omega Alpha National Honor Medical Society.

**Dennis Mayeaux, M.D.**

*Family medicine clerkship director  
Pensacola Regional Campus*

Received the Exemplary Part-Time Educator Award from the Florida Academy of Family Physicians for his dedication and expertise in providing high-quality instruction to physicians in all phases of their medical training and practice.

**Joan Meek, M.D.**

*Associate dean for graduate medical education  
Pediatric clerkship director  
Orlando Regional Campus*

Represented the American Academy of Pediatrics at the World Breastfeeding Conference in New Delhi, India, in December. More than 800 participants from 82 countries attended. Meek spoke about the link between breastfeeding and decreased risk of obesity and diabetes.



Mulrooney



Olcese



Overton



Parsley



Pinto



Pomidor





Quintero



Rizkallah



Rodriguez



Sain



Singh



Stefanovic

**Tim Megraw, Ph.D.**

*Associate professor  
Department of Biomedical Sciences*

Presented a paper of note at the American Society of Cell Biology annual meeting based on discoveries explained in an article published in the August issue of *Developmental Cell*.

Was promoted to a tenured position effective in July.

**Suzanne Minor, M.D.**

*Associate clinical professor  
Orlando Regional Campus*

Was named Full-time Educator of the Year in Florida by the Florida Academy of Family Physicians.

**Chris Mulrooney, Ph.D.**

*Assistant professor  
Department of Geriatrics  
Assistant dean for GME  
Chief operating officer  
Florida Medical Practice Plan*

Was appointed to the Professional Council of the Florida Pioneer Network, dedicated to developing person-centered culture change in long-term care.

**James Olcese, Ph.D.**

*Professor  
Department of Biomedical Sciences*

Was awarded a Planning Grant by the Florida State University Council on Research & Creativity for his proposal to test his hypothesis that melatonin, acting as a neuroprotective agent, slows or prevents the development of neuropathology and cognitive deficits in two mouse models of Alzheimer's disease. The hypothesis is linked to recent studies establishing a correlation between traumatic brain injury early in life and high risk of Alzheimer's disease.

**Mike Overton, Ph.D.**

*Professor and vice chairman  
Graduate program director  
Department of Biomedical Sciences*

Received GAP funding for his project "Putative Therapeutic Agents to Treat Obesity in Animal Models."

**Lea Parsley, M.D.**

*Assistant professor  
Department of Clinical Sciences*

Chosen by the American Academy of Pediatrics to serve on the National Editorial Advisory Board for the Genetics in Primary Care Institute. The

board has been working for six months on the new integrative website for the Genetics in Primary Care Institute. Was invited to give a platform presentation at the David W. Smith Workshop on Malformations and Morphogenesis in Buford, Ga.

**Jose Pinto, Ph.D.**

*Assistant professor  
Department of Biomedical Sciences*

Received a First-year Assistant Professor Award from the Florida State Council on Research & Creativity. Was selected to serve on the American Heart Association Cardiac Biology Basic Science 4 committee for 2012.

**Alice Pomidor, M.D.**

*Professor  
Department of Geriatrics*

Was named vice chair of the American Geriatrics Society's Public Education Committee and medical advisor for the newly revised AGS/Health in Aging website. Also was named to the Council of Aging 2011-12 Falls Prevention Hall of Fame for

demonstrating a significant impact in falls prevention in Florida. Presented a session for the webinar series on "Physician Education in Developmental Disabilities," a free, 12-hour series sponsored by the Florida Developmental Disabilities Council.

### **Steve Quintero, M.D.**

*Assistant professor  
Department of Family Medicine  
and Rural Health*

Was honored by Tallahassee Memorial Hospital as a "model of compassion" for his work as medical director of the Transition Center, a joint effort of TMH and the FSU College of Medicine.

### **Raed Rizkallah, Ph.D.**

*Assistant scholar scientist  
Department of Biomedical Sciences*

Received a GAP Award from the Florida State University Research Foundation for his project "Production of Monoclonal HpTGEKP Antibody as a Mitotic Marker."

### **José Rodríguez, M.D.**

*Associate professor  
Department of Family Medicine  
and Rural Health*

Was recognized by the Florida State University *Transformation Through Teaching* program for intellectual, inspirational and integrative impact on the lives of students. He was one of 16 FSU faculty selected based on student nominations through the FSU Spiritual Life Project and the Office of Faculty Recognition.

### **Christie Sain, M.D.**

*Class of 2005  
Adjunct assistant professor*

Completed the Florida Medical Association's 10-month Emerging Leader Program. The program provides training in core areas of business, organized medicine, medical staffing, group practices and public policy. Sain teaches first- and second-year medical students in the doctoring course.

### **Dennis Saver, M.D.**

*Clinical associate professor  
Fort Pierce Regional Campus*

Was one of 82 physicians invited to the White House in June to be recognized as leaders in health information technology and to

attend information technology events hosted by the U.S. Department of Health and Human Services.

### **Rakesh Singh, Ph.D.**

*Senior postdoctoral fellow  
Department of Biomedical Sciences*

Was awarded the Ramanujan Fellowship by the Department of Science and Technology of the Government of India. The highly competitive fellowship, one of 35 awarded in a country of 1.2 billion people, recognizes Singh as one of India's bright young minds. Singh, a postdoc in the lab of College of Medicine Assistant Professor Akash Gunjan, will use the funding to supplement his independent research on the role of ubiquitin ligases in genome stability at an Indian institute or university of his choosing.

### **Branko Stefanovic, Ph.D.**

*Associate professor  
Department of Biomedical Sciences*

Received GAP funding for his project "Evaluation of the efficacy of novel anti-fibrotic drugs targeting Type I collagen."



Stine



Suchak



Sutin



Terracciano



Tsilinggras



Turner



Van Wingen



Van Landingham



Watson



Wetherby



Zhu

**Curtis Stine, M.D.**

*Professor and associate chair  
Department of Family Medicine  
and Rural Health*

Presented a session for the webinar series on “Physician Education in Developmental Disabilities,” a free, 12-hour series sponsored by the Florida Developmental Disabilities Council.

**Niharika Suchak, M.D.**

*Associate professor  
Department of Geriatrics*

Was named Clinician of the Year by the American Geriatrics Society. She received the award at the group’s annual scientific meeting.

**Angelina Sutin, Ph.D.**

*Assistant professor  
Department of Medical  
Humanities and Social Sciences*

Received a First-year Assistant Professor Award from the Florida State Council on Research & Creativity. Sutin, who joined the College of Medicine faculty in August, also had multiple research projects result in publications that garnered national and international interest. In one study

analyzing more than 10,000 reports on well-being, health and other factors, she found interesting links between happiness and age and between birth year and overall sense of well-being. She published the findings in *Psychological Science*.

**Antonio Terracciano, Ph.D.**

*Associate professor  
Department of Geriatrics*

Was invited to become a member of the *Journal of Gerontology: Psychological Sciences* editorial board. Completed and published results of a four-year study comparing personality traits to peak energy rates. His findings, outlined in “Personality, Metabolic Rate and Aerobic Capacity,” were published in *PLOS ONE*, a peer-reviewed, open-access journal. Terracciano, who joined the College of Medicine faculty in August, also had his article – “Personality and resilience to Alzheimer’s Disease neuropathology: A prospective autopsy study” – accepted for publication in *Neurobiology of Aging*.

**Dennis Tsilimingras, M.D.**

*Director, Center on Patient Safety  
Division of Health Affairs*

At the request of the Council of Florida Medical School Deans, formed a state committee on patient safety curriculum activities. The committee encourages and promotes collaboration in the development of a patient safety curriculum for Florida medical schools and fosters research collaboration among Florida medical schools on patient safety curriculum activities. Also was invited to serve as a reviewer for Agency for Healthcare Research and Quality National Research Service Award institutional research grants.

**Jacob VanLandingham, Ph.D.**

*Assistant professor  
Department of Biomedical Sciences*

Served as faculty sponsor for the student organization Hands of Hope, which was named by Florida State University as its Service Organization of the Year. Hands of Hope combines FSU medical students with undergraduate premed students at FSU with a mission to help those with neurological disabilities.

**John Van Wingen, Ph.D.***Assistant dean for information management*

Was named chair of the New Medical School Special Interest Group. The group, comprising representatives of all new AAMC-member medical schools since 2000, aims to create virtual and face-to-face forums to meet the needs of members, identify common areas of interest and collaboratively develop approaches to address challenges and opportunities.

**Howard Voss, M.D.***Clinical associate professor  
Fort Pierce Regional Campus*

Received the Laureate Award from the Florida Chapter of the American College of Physicians for distinguished service to the chapter and community. Was inducted into the Gold Humanism Honor Society.

**Robert Watson, M.D.***Executive associate dean for administrative affairs*

Authored a commentary, "Discovering a Different

Model of Medical Student Education," for the December 2012 issue of *Academic Medicine*, the journal of the Association of American Medical Colleges. Co-authored, along with several others from the College of Medicine, an "Institutional Issues" article in the same issue, "Florida State University College of Medicine: From Ideas to Outcomes."

**Richard Weisberg, D.O.***Clinical associate professor  
Fort Pierce Regional Campus*

Was elected chairman of family practice for Martin Health System for 2012-2013.

**Amy Wetherby, Ph.D.***Distinguished Research Professor and executive director of the Autism Institute  
Department of Clinical Sciences*

Led the Autism Institute's successful application to take part in an \$8.3 million National Institutes of Health grant to measure risk and resilience factors for autism in infants and toddlers. The Autism Centers of Excellence

grant is one of three in the United States. Wetherby's team is collaborating with researchers from Emory University, the Marcus Autism Center at Children's Healthcare of Atlanta, the Emory University School of Medicine and the Emory University Yerkes National Primate Research Center.

**Bernd Wooschlaeger, M.D.***Clinical associate professor  
Orlando Regional Campus*

Was named Family Physician of the Year in Florida by the Florida Academy of Family Physicians.

**Jinmin Zhu, M.D.***Assistant professor  
Department of Biomedical Sciences*

Was awarded the transfer of a \$200,000 National Institutes of Health grant for his project "Methylphenidate, Opioid Receptors and Addiction." Zhu originally received the grant at Massachusetts General Hospital/Harvard Medical School.



## A SAMPLING OF FACULTY PUBLICATIONS IN 2012

**John Agens, Gail Galasko and Amol Purandare**, "Awareness of vitamin D deficiency states and recommended supplementation doses: Survey of faculty and staff at a medical school," *e-Journal of the European Society of Parenteral and Enteral Nutrition*.

**Dennis Baker**, "Teacher-student relationships in medical education: Boundary considerations," *Medical Teacher*, named article of the month for December 2011 by the University of Saskatchewan.

**Les Beitsch**, "For the Public's Health: Investing in a Healthier Future," Committee on Public Health Strategies to Improve Health, Institute of Medicine of the National Academies.

**Les Beitsch**, "From Practice to Policy: The Intersection of Government and Law (What's in a Name?)," *American Journal of Public Health*.

**Les Beitsch et al.**, "Public Health Department Accreditation: Setting the Research Agenda," *American Journal of Preventive Medicine*.

**Les Beitsch et al.**, "Using Resource Dependency Theory to Measure the Environment in Health Care Organizational Studies: A Systematic Review of the Literature," *Health Care Management Review*.

**Les Beitsch with Henry Carretta et al.**, "The Quantitative Story Behind the QI Storyboards (and other MLC Data): A Synthesis of 162 QI Projects Conducted by 234 Health Departments," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Change Resisters: People Who Block Change Initiatives and 5 Tips to Overcome Resistance," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Revenue Sources for Essential Services in Florida: Findings and Implications for Organizing and Funding Public Health," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Environmental Factors and Quality Improvement in County and Local Health Departments," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Quality Improvement and Accreditation Readiness in State Public Health Agencies," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Why Don Berwick Is Almost Right: How Public Health Quality Improvement Operates within Complex Systems," *Journal of Public Health Management Practice*.

**Les Beitsch et al.**, "Legal Frameworks Supporting Public Health Department Accreditation: Lessons Learned from Ten States," *Journal of Public Health Management Practice*.

**Les Beitsch and co-author**, "The PDCA Cycle for Change Leaders," *Quality Management Forum*.

**Debra Bernat et al.**, "Cigarette use among young adults: Comparisons between two-year college students, four-year college students, and those not in college," *Journal of American College Health*.

**Pradeep Bhide et al.**, "Does exposure to maternal smoking during pregnancy affect the clinical feature of ADHD? Results from a controlled study," *The World Journal of Biological Psychiatry*.

**Pradeep Bhide and Jinmin Zhu**, "Examining the nature of the comorbidity between pediatric attention deficit/hyperactivity disorder and post-traumatic stress disorder," *Acta Psychiatrica Scandinavica*.

**Pradeep Bhide et al.**, "The E3 ubiquitin ligase protein associated with Myc (Pam) regulates mammalian/mechanistic target of rapamycin complex 1 (mTORC1) signaling in vivo through N- and C-terminal domains," *The Journal of Biological Chemistry*.

**Jinmin Zhu, Pradeep Bhide et al.**, "Prenatal Nicotine Exposure Mouse Model Showing Hyperactivity, Reduced Cingulate Cortex Volume, Reduced Dopamine Turnover, and Responsiveness to Oral Methylphenidate Treatment," *Journal of Neuroscience*.

**Deirdre McCarthy and Pradeep Bhide**, "Neurogenesis and Neuronal Migration in the Forebrain of the TorsinA Knockout Mouse Embryo," *PubMed*.

**Deirdre McCarthy, Amber Brown and Pradeep Bhide**, "Regulation of BDNF Expression by Cocaine," *Yale Journal of Biology and Medicine*.

**Xue Xi, Joseph Babcock, Sachiko Blaber, Michael Blaber et al.**, "Pharmacokinetic properties of the 2nd-generation fibroblast growth factor-1 mutants for therapeutic application," *PLOS ONE*.

**Hyesook Yoon, Sachiko Blaber and Michael Blaber**, "Kallikrein 6 Regulates Early CNS Demyelination in a Viral Model of Multiple Sclerosis," *Brain Pathology*.

**Michael Blaber et al.**, "Substrate recognition mechanism of a glycosyltrehalose trehalohydrolase (GTHase) from *Sulfolobus solfataricus* KM1," *Protein Science*.

**Michael Blaber et al.**, "A structural mechanism for dimeric to tetrameric oligomer conversion in *Halomonas* sp. Nucleoside diphosphate kinase," *Protein Science*.

**Michael Blaber et al.**, "An empirical phase diagram approach to investigate conformational stability of 'second-generation' functional mutants of acidic fibroblast growth factor (FGF-1)," *Protein Science*.

**Liam Longo, Jihun Lee and Michael Blaber**, "Experimental Support for the Foldability-Function Tradeoff Hypothesis: Segregation of the Folding Nucleus and Functional Regions in FGF-1," *Protein Science*.

**Michael Blaber et al.**, "Kallikrein 6 is a Novel Molecular Trigger of Reactive Astroglia," *Biological Chemistry*.

**Hyesook Yoon, Sachiko Blaber, Michael Blaber et al.**, "Activation Profiles of Human Kallikrein-related Peptidases by Matrix Metalloproteinases," *Biological Chemistry*.

**Michael Blaber**, "Structure and Function of Delta1-Tetrahydrocannabinolic Acid (THCA) Synthase, the Enzyme Controlling the Psychoactivity of Cannabis sativa," *Journal of Molecular Biology*.

**Jihun Lee, Liam Longo and Michael Blaber**, "Emergence of symmetric protein architecture from a simple peptide motif: evolutionary models," *Cellular and Molecular Life Sciences*.

**Liam Longo and Michael Blaber**, "Protein design at the interface of the pre-biotic and biotic worlds," *Archives of Biochemistry and Biophysics*.

**Sachiko Blaber and Michael Blaber**, "Pseudo-peptides derived from isomannide as new class inhibitors for human kallikrein 7," *Journal of Molecular Biology*.

**Ed Bradley, Alma Littles and Lynn Romrell**, "The surgical clerkship: A contemporary paradigm," *Journal of Surgical Research*.

**Ed Bradley**, "Atlanta redux: Revisiting the severity stratification system for acute pancreatitis," *Annals of Surgery*.

**Jeff Buchalter**, co-author of textbook "Diagnosis, Management and Treatment of Discogenic Pain."

**Henry Carretta et al.**, "Malpractice paid-losses and financial performance of nursing homes," *Health Care Management Review*.

**Kimberly Driscoll, Suzanne Bennett Johnson, Larry Deeb et al.**, "Does Blood Glucose Monitoring Increase Prior to Clinic Visits in Children with Type 1 Diabetes?," *Diabetes Care*.

**Kimberly Driscoll et al.**, "Supporting CF disease management during adolescence: The role of family and friends," *Child: Care, Health and Development*.

**Bruce Fleegler**, co-author, "Descriptive Characteristics of Severity of Illness of ICU Patients Discharged to and Subsequently Readmitted from Long-Term Acute Care," supplement to *Critical Care Medicine*.

**Joseph M. Gabriel**, "Damage," book chapter in "Rethinking Therapeutic Culture," Trysh Travis and Timothy Aubry, eds. (forthcoming).

**Karen Geletko, Les Beitsch** and co-author, "Impact of the Florida Birth-Related Neurological Injury Compensation Association (NICA) on Attorney and Obstetrician Practices," *Florida Public Health Review*.

**Mary Gerend** et al., "The multidimensional nature of perceived barriers: Global versus practical barriers to HPV vaccination," *Health Psychology*.

**Rob Glueckauf** et al., "A meta-analysis of web-delivered, tailored health behavior change interventions," *Journal of Health Communication*.

**Rob Glueckauf** et al., "Telephone-based, cognitive-behavioral therapy for African-American dementia caregivers with depression: Initial findings," *Rehabilitation Psychology*.

**Rob Glueckauf** et al., "Telehealth for persons with severe functional disabilities and their caregivers: Facilitating self-care management in the home setting," *Psychological Services*.

**Rakesh Kumar Singh, Marie-Helene Kabbaj** and **Akash Gunjan**, "Novel E3 Ubiquitin Ligases That Regulate Histone Protein Levels in the Budding Yeast *Saccharomyces cerevisiae*," *PLoS ONE*.

**Rakesh Kumar Singh, Marie-Helene Kabbaj, Dun Liang, Sarah Burkhart** and **Akash Gunjan**, "Histone dosage regulates DNA damage sensitivity in a checkpoint-independent manner by the homologous recombination pathway," *Nucleic Acids Research*.

**Suzanne Harrison**, "Intimate Partner Violence," Florida Academy of Family Physicians, *eBYTES*.

**Suzanne Harrison** and **Lauren Engelmann**, "Second-Generation Anti-Psychotics in the Primary Care Setting," Florida Academy of Family Physicians, *eBYTES*.

**Nancy Hayes, Richard Nowakowski** and co-author, "Regionalization of the ventricular zone by cell cycle dynamics in the developing mouse hippocampus," *Cerebral Cortex*.

**Sarah Rimam, Raed Rizkallah, Ari Kassardjian, Beth Alexander, Myra Hurt** and co-author, "Phosphorylation of the Transcription Factor YY1 by CK2 Prevents Cleavage by Caspase 7 during Apoptosis," *Molecular and Cellular Biology*.

**Nicole Carrier** and **Mohamed Kabbaj**, "Sex Differences in Social Interaction Behaviors in Rats are Mediated by Extracellular Signal-Regulated Kinase 2 Expression in the Medial Prefrontal Cortex," *Neuroscience*.

**Mohamed Kabbaj**, "Effective Depression Meds Find a Target: Testosterone therapy may counter depression in certain region of the brain," *dailyRx*.

**Marshall B. Kapp**, book chapter, "Legal Issues in Aging Families," in "Handbook of Families and Aging," Rosemary Blieszner and Victoria H. Bedford, eds.

**Marshall B. Kapp, Dennis Baker** and **Gregory Turner**, "Teaching Medical Students How to Reconcile Law and Ethics in Practice: A Faculty Development Model," *Annals of Health Law*.

**Marshall B. Kapp**, "Health Reform and the Affordable Care Act: Not Really Trusting the Consumer," *Stetson Law Review*.

**Marshall B. Kapp**, book review of "The Law of Life and Death," by Elizabeth Price Foley, in *Care Management Journals*.

**Marshall B. Kapp**, book-review essay of "Poverty, Health and Law: Readings and Cases for Medical-Legal Partnership," by Elizabeth Tobin Tyler, Ellen Lawton, Kathleen Conroy, Megan Sandel and Barry Zuckerman, in *Journal of Law, Medicine and Ethics*.

**Marshall B. Kapp**, "Legal and Ethical Approaches to Older Lives: Reconciling Rules and Relationships," book-review essay in *The Gerontologist*.

**Marshall B. Kapp**, "How to Fix Nursing Homes," *The Atlantic*.

**Jyotsna Pilli** and **Sanjay Kumar**, "Triheteromeric NMDARs Differentiate Synaptic Inputs into Pyramidal Neurons in Somatosensory Cortex: Involvement of the GluN3A Subunit," *Neuroscience*.

**Jyotsna Pilli, Saad Abbasi, Max Richardson** and **Sanjay Kumar**, "Diversity and Excitability of Deep Layer Entorhinal Cortical Neurons in a Model of Temporal Lobe Epilepsy," *Journal of Neurophysiology*.

**Joan Y. Meek**, "Pediatric Lifestyle Medicine," *American Journal of Lifestyle Medicine*.

**Tim Megraw** et al., "Assembly and Persistence of Primary Cilia in Dividing *Drosophila* Spermatocytes," *Developmental Cell*.

**Michael Nair-Collins** and co-author, "Justice, profound neurological injury, and brain death," book chapter in "Medicine and Social Justice, Volume 2," Rhodes, Battin and Silvers, A., eds. (forthcoming).

**Jose Pinto** et al., "A Mutation in TNNC1-encoded Cardiac Troponin C, TNNC1-A31S, Predisposes to Hypertrophic Cardiomyopathy and Ventricular Fibrillation," *Journal of Biological Chemistry*.

**Jose Pinto** et al., "Collagen XIV is important for growth and structural integrity of the myocardium," *Journal of Molecular and Cellular Cardiology*.

**Stephen Quintero** and co-author, "The Disability Evaluation and Low Back Pain," book chapter for "Primary Care: Clinics in Office Practice."

**José E. Rodríguez**, "Working with Pain Clinics and Other Consultants Concerning Low Back Pain," book chapter for "Primary Care: Clinics in Office Practice."

**Russell Samson**, "Can Pharmacologic Agents Slow Abdominal Aortic Aneurysm Growth?," *Seminars in Vascular Surgery*.

**John Sylvester**, "First Report on Seed Migration to the Lung with the Use of a Thinner I-125 Radioactive Seed Within 20 Gauge Needles for Permanent Seed Prostate Brachytherapy," *International Journal of Radiation Oncology\*Biophysics*.

**Azariyas Challa, Milica Vukmirovic, John Blackmon** and **Branko Stefanovic**, "Withaferin-A Reduces Type I Collagen Expression In Vitro and Inhibits Development of Myocardial Fibrosis In Vivo," *PLoS ONE*.

**Zarko Manojlovic** and **Branko Stefanovic**, "A novel role of RNA helicase A in regulation of translation of type I collagen mRNAs," *RNA*.

**Angelina Sutin** et al., "Depressive symptoms are associated with weight gain among women," *Psychological Medicine*.

**Angelina Sutin, Antonio Terracciano** et al., "Cohort effect on well-being: The legacy of economic hard times," *Psychological Science*.

**Antonio Terracciano, Angelina Sutin** et al., "Personality and resilience to Alzheimer's Disease neuropathology: A prospective autopsy study," *Neurobiology of Aging*.

**Dennis Tsilimingras** and **Les Beitsch**, "The Challenges of Developing a Patient Safety Curriculum for Medical School," *Medical Science Educator*.

**Cynthia Vied** et al., "Regulation of Stem Cells by Intersecting Gradients of Long-Range Niche Signals," *Developmental Cell*.

**Fengzhi Jin, Hong Liu, Yanchang Wang** et al., "Loss of function of the Cik1/Kar3 motor complex results in chromosomes with syntelic attachment that are sensed by the tension checkpoint," *PLoS Genetics*.

**Michael Wein**, co-author, "Outdated Epinephrine Autoinjectors: Ejection Volume Integrity and Epinephrine Content and Dose," *The Journal of Allergy and Clinical Immunology*.



### FAMILY PHYSICIANS FOR QUINCY

Students at the College of Medicine's main campus get a remarkable amount of attention – because their teachers aren't operating full-fledged medical practices. That doesn't mean, however, that full-time faculty members don't occasionally don white coats.

In 2012, about 30 of them routinely saw patients. Often those faculty members brought expertise no one else had, or served in areas of great medical need.

"It's not our goal to hire 50 doctors to compete with the practices that are already out there," said Senior Associate Dean Alma Littles, M.D. "What we want to do is look for opportunities to partner, so that we become an enhancement to what's already happening, as opposed to replacing it."

New faculty members Lisa Johnson and Jo Brown, for example, share a family-physician job at Tallahassee Memorial Hospital Physician Partners, Quincy. They each spend half their week teaching at the main campus and half their week seeing patients in Gadsden, one of Florida's poorest counties.

"We basically approached TMH," according to Littles, "and said, 'Can we work together on this? What you do there fits our mission.'"

Part of that mission is responding to community needs through service to the elderly, rural, minority and underserved – all of whom are well represented at the Quincy clinic. Brown, who did her undergraduate work at Florida A&M University in Tallahassee, lists underserved medicine as one of her special interests. She completed a Maternal Child Health Fellowship serving a medically and socially high-risk population on the west side of Chicago.

Both doctors love the blend of teaching students and seeing patients.

"I think it's great," said Johnson, who said she'd missed seeing patients as medical director of the state Department of Juvenile Justice the past three years. "Now when I'm teaching, I'm able to pull real-life scenarios into my small-group discussions."



**Full-time faculty providing patient care in the Tallahassee area:****John Agens, M.D.**

TMH Transition Center (geriatrics)

**Jonathan Appelbaum, M.D.**Jefferson County Health Department  
Bond Community Health Center  
FSU College of Medicine Int. Med. Res. Program at TMH**Maggie Blackburn, M.D.**

Gadsden County School-based Health Centers

**John Blackmon, M.D.**

Digestive Disease Clinic

**Joedrecka Brown, M.D.**

TMH Quincy Family Medicine

**Ken Brummel-Smith, M.D.**Geriatric Assessment Center at Westminster Oaks  
TMH Transition Center (geriatrics)**Kendall Campbell, M.D.**

Neighborhood Medical Center

**Robert Campbell, M.D.**

Madison County Health Department

**Jose Diaz, M.D.**

Digestive Disease Clinic

**John P. Fogarty, M.D.**

Neighborhood Medical Center

**John Giannini, M.D.**

Southern Medical Group

**Ricardo Gonzalez-Rothi, M.D.**

FSU College of Medicine Int. Med. Res. Program at TMH

**Meredith Goodwin, M.D.**

FSU Health &amp; Wellness Center

**Lisa Granville, M.D.**

Geriatric Assessment Center at Westminster Oaks

**Suzanne Harrison, M.D.**FSU Health & Wellness Center  
Refuge House**Ron Hartsfield, M.D.**

Big Bend Hospice

**Lisa Johnson, M.D.**

TMH Quincy Family Medicine

**Susan LaJoie, ARNP**

Gadsden County School-based Health Centers

**Kathy Lee, M.D.**

Colonial Management Group (psychiatric services)

**Jacqueline Lloyd, M.D.**

Medical director, RiverChase Care Center

**Joan Meek, M.D.**

Orlando Health

**Karen Myers, ARNP**

Patients First

**Kristin Parsley, M.D.**

TMH Genetics Clinic

**Alice Pomidor, M.D.**

TMH Wound Healing Center

**Stephen Quintero, M.D.**

Medical director, TMH Transition Center

**José E. Rodríguez, M.D.**

Neighborhood Medical Center

**Curtis Stine, M.D.**

FSU Health &amp; Wellness Center

**Niharika Suchak, M.D.**

TMH Transition Center (geriatrics)

**Daniel Van Durme, M.D.**

Madison County Health Department

These faculty members traveled with our students on service-learning trips to Nicaragua and/or the spring-break sites of Immokalee, Panama or the Texas/Mexico border: Jon Appelbaum, M.D., Angel Braña, M.D., Jo Brown, M.D., Ken Brummel-Smith, M.D., Rob Campbell, M.D., Christina Cavanagh, M.D., Kim Driscoll, Ph.D., John Fogarty, M.D., Suzanne Harrison, M.D., Elena Reyes, Ph.D., Mark Stavros, M.D., Daniel Van Durme, M.D.



Appelbaum



Meek



Brown



Myers



K. Campbell



Parsley



R. Campbell



Quintero



Hartsfield



Stine



Johnson



Suchak



LaJoie



Van Durme





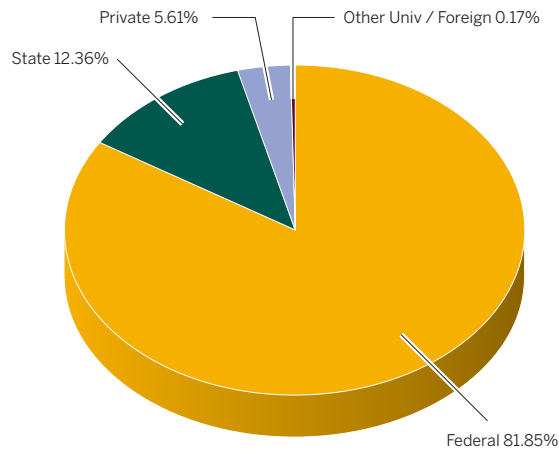
### IN SEARCH OF BETTER OUTCOMES

Saving lives, improving quality of life and training tomorrow's scientists are the aims of the Florida State University College of Medicine's growing research program. The college's research has many faces. Outside the laboratory, medical school faculty members are involved in numerous research projects to help Floridians lead healthier lives. State agencies often turn to the College of Medicine for expertise to tackle difficult questions of how to best manage public health. An example is the work being done by Assistant Professor Henry Carretta and featured on these pages.

Other examples of research being done outside the laboratory (some of which are listed on Pages 14-23) include:

- Discovering more about developmental trajectories in children with autism to improve early detection, intervention and outcomes. A current research project at the Autism Institute has the potential to identify autism spectrum disorders before an obvious disability has emerged – as early as the first year of life.
- Working to improve the way adolescents with diabetes stick to their prescribed treatment regimen.
- Developing the statewide Clinical Research Network to better harness advances in science for improved clinical care in our communities.
- Helping clinicians more readily identify depression in pregnant women, leading to interventions that can head off numerous health problems that arise when it goes undetected.
- Helping patients, especially those who live in rural areas farther away from medical care, transition from a hospital stay to home life without experiencing adverse events that often lead to readmission.
- Studying in a hospital setting whether melatonin, a protein naturally produced in the human brain, can be utilized to stem preterm labor during pregnancy. If so, it could be a more cost-effective alternative with fewer side effects than drugs currently in use.

### Funded grants and contracts by type (2012)



### 2012 Impact of FSU College of Medicine research in Florida



- **\$38.1 million** (funded contracts and grants – 2012).
- **\$99.1 million** (economic impact in Florida – 2012).

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

## RESEARCH TO HELP US ALL BREATHE A LITTLE EASIER

In 2010, there were nearly 122,000 hospitalizations or emergency room visits in Florida with asthma listed as the primary diagnosis. The total charges associated with those visits were slightly less than a billion dollars.

Nearly all of those visits were preventable.

More than 2,000 Floridians died as a result of asthma from 2000 to 2010. Nearly all of those deaths also were preventable.

Proper clinical treatment, medication adherence and patient education are the key. To get a better grip on why something so preventable still inflicts such a burden on the health-care system in Florida, the state's Department of Health sought help from the College of Medicine.

**Henry Carretta**, Ph.D., assistant professor in the Division of Health Affairs, analyzed the way 10 Florida hospitals and emergency rooms manage asthma patients. He compared what he found to national guidelines on asthma management promoted by the National Heart Lung and Blood Institute (NHLBI).

The results of his research were published on the DOH website in December and will serve as the basis for efforts to reduce costs and morbidity associated with asthma cases in Florida. Unfortunately, Florida has followed the national

trend with dramatic increases in asthma prevalence, deaths and associated costs since 1980.

"Clinical guidelines for asthma care published by the NHLBI have been around since the early '90s. The difficulty is in integrating these guidelines into the complex hospital environment," Carretta said. "These 10 hospitals appear to have succeeded in doing that for their inpatient care, but are still struggling on how to implement the guidelines in the very different environment and challenges faced in the emergency department setting.

"The good news is that these hospitals recognize the problem and are interested in working with other hospitals, physicians and outside stakeholders to improve care for patients seen in the emergency room for asthma."

Carretta's research is an example of how the College of Medicine contributes expertise to benefit all Floridians, including those not directly impacted by asthma but still experiencing the effects of rising health-care costs.

While educating students to become competent and compassionate physicians is an obvious goal, the College of Medicine is equally interested in research that leads to optimal patient care by all physicians.

Carretta's report is available on the DOH website.



## THE SCIENCE OF OPPORTUNITY

**Ari Kassardjian**, Ph.D., migrated from Beirut to Tallahassee in August 2007 not entirely sure about his long-range plans, but certain that earning his Ph.D. in molecular biophysics at Florida State University would open up a world of possibilities. He chose to complete his research and dissertation in the College of Medicine lab of Myra Hurt, senior associate dean for research and graduate programs and an accomplished scientist.

After he completed his Ph.D. in December 2012, everything came into focus.

Kassardjian in January started medical school as part of a 15-person inaugural class in a new M.D. program for scientists at Tulane University. The compressed (3½-year) program admits only students who already possess a Ph.D. “The timing was perfect – the year that I got my Ph.D. they opened up this brand-new program,” Kassardjian said. “I always had in the back of my mind that I wanted to go to medical school after I finished. There’s just so much science now, so much research, and I wanted to get this additional training to become a physician-scientist.”

Kassardjian is one example of how the Ph.D. programs in the biomedical sciences at Florida State prepare the highly trained scientists needed to work in advanced fields of science and medicine.

“There are wonderful opportunities to be found,” said Hurt, who was Kassardjian’s faculty advisor. “Ari’s path is an example of the career options open to students who earn a Ph.D. in the biomedical sciences. There is a great need for new clinician researchers who are able to translate basic biomedical research into the clinical treatments that are needed for curing diseases.

“There probably has never been a better time to be a scientist involved in translational research.”

After completing medical school Kassardjian, 28, intends to work in organ transplantation, combining his love of research with direct patient care.

“That field is growing tremendously now,” he said. “I felt that I needed a Ph.D. to really be able to understand all the things I will need to know to work in this field and to excel in it.”

Kassardjian joined Hurt’s lab at the College of Medicine in 2008, drawn by the effort there to identify potential molecular targets for cancer treatment. He said the contrast between the open design of the medical school’s labs and those found at the American University of Beirut, where he earned undergraduate and graduate degrees in biology, was striking.

“It is a great atmosphere for collaboration,” he said. “The space looks bigger because it’s open. You are able to move around and ask questions of any professor. Everyone is very friendly and I really loved the atmosphere here.”



The College of Medicine graduated its first Ph.D. in Biomedical Sciences in 2008. Here is a look at the program's alumni as of December 2012:

Name (Year completed)	Faculty sponsor	Currently
<b>Mindy Brown</b> (2008)	David Balkwill	Patent examiner with the U.S. Patent and Trademark Office in Alexandria, Va.
<b>Le Cai</b> (2010)	Branko Stefanovic	Sales account manager with GenScript USA, a biological research firm in Piscataway, N.J.
<b>Nicole Carrier</b> (2012)	Mohamed Kabbaj	Postdoctoral fellow with the National Institute of Child Health & Human Development Section of Endocrine Physiology in Bethesda, Md.
<b>Azariyas Challa</b> (2011)	Branko Stefanovic	Postdoctoral associate with the Yale University Department of Internal Medicine (cardiology) in New Haven, Conn.
<b>Rikki (Somers) Corniola</b> (2010)	Cathy Levenson	Assistant professor of biochemistry and nutrition at California Northstate University College of Medicine in Elk Grove, Calif.
<b>Xiaoqian Fang</b> (2011)	Xian-Min Yu	Postdoctoral research associate in pediatrics nutrition with the Baylor College of Medicine in Houston, Texas.
<b>Dillon Fritz</b> (2008)	Branko Stefanovic	Global collaborative researcher with King Abdullah University of Science and Technology in Jeddah, Saudi Arabia
<b>Ugander Gajjalaiahvari</b> (2012 – fall)	Johanna Paik	Applying for postdoctoral positions to continue his research training.
<b>Bradley Groveman</b> (2011)	Xian-Min Yu	Postdoctoral research fellow in the Laboratory of Persistent Viral Diseases at the National Institutes of Health Rocky Mountain Lab in Hamilton, Mont.
<b>Fiona Hollis</b> (2011)	Mohamed Kabbaj	Postdoctoral researcher in the Laboratory of Behavioral Genetics in Lausanne, Switzerland.
<b>Hyeong-Min Lee</b> (2010)	Choogon Lee	Postdoctoral fellow in the University of North Carolina Department of Pharmacology in Chapel Hill, N.C.
<b>Dun Liang</b> (2011)	Akash Gunjan	Postdoctoral fellow at SAIC-Frederick in Frederick, Md.
<b>Melissa Pflueger</b> (2011)	Xian-Min Yu	Postdoctoral fellow at the Emory University Department of Pathology and Laboratory Medicine in Atlanta.
<b>Daniel Richmond</b> (2012 – summer)	Yanchang Wang	Applying for postdoctoral positions to continue his research training.
<b>James Sharkey</b> (2009)	James Olcese	Adjunct professor in anatomy & physiology and microbiology at ITT Technical Institute in Tallahassee.
<b>Holly Sikes Resuehr</b> (2009)	James Olcese	Research associate/postdoctoral fellow in the biomedical sciences department of Silvia Conte Neuroscience Research Center at Vanderbilt University in Nashville, Tenn.
<b>Sarah Riman</b> (2011)	Myra Hurt	Postdoctoral researcher at the University of Minnesota in Minneapolis.
<b>Zhe Xu</b> (2012 – summer)	Yi Zhou	Applying for postdoctoral positions to continue his research training.





## THE POWER OF OUR CAMPUSES

The first time you learn about the College of Medicine's "distributed model," it's sort of like a geography quiz: "Can you name the six Florida cities where we have regional campuses?" You view them as dots on a map, distant stops on a student's journey to an M.D. degree. Daytona Beach. Fort Pierce. Orlando. Pensacola. Sarasota. Tallahassee.

Then time passes, and you see something more. Those little dots on the map now resemble little planets, each with its own gravitational field. In their orbits are the medical facilities that host our students, the hundreds of physicians who become mentors, the thousands of patients who allow our students to learn from them.

More recently, hundreds of alumni also have been drawn in by this gravitational pull. They're in residency training or in practice near these communities that played such a huge role in their medical education. They're the physicians that Florida needs, and one of our communities now is their home.

On the next few pages are updates from our six regional campuses.

## DAYTONA BEACH REGIONAL CAMPUS

**Becoming a compassionate physician**

Lessons learned in medical school are not always easy. For Zac Tyser, Class of 2013, one of the toughest experiences involved a patient in his late 30s who had complications from metastatic gastrointestinal cancer that would ultimately be terminal.

"He was difficult to treat," Tyser said. "For one thing, he was immunosuppressed because of chemo. For another, he would never say when anything hurt. Not a chance. He would rather endure the pain than risk inconveniencing a hospital employee to ask for relief from it." What's more, this patient was suffering from a condition that Tyser previously had seen only in much older patients. Yet, despite it all, the patient remained positive.

The two of them had a lot to talk about. For one thing, they were both from Daytona Beach. In fact, Tyser had been buddies with the patient's cousin in high school.

Nice guy, bad break.

"All I could think," Tyser said, "was: Not him. Not this young. No one deserves this, but especially not this guy."

Then Tyser saw something that made him feel even worse.

"The next time I walked in, I had to walk back out of the room before I could speak," he said. "There were his two children, 3 and 4 years old, and his wife. He'd never mentioned a family. I'd never thought about it or didn't want to think of that possibility.

"I'll never forget that feeling I had when I realized the quality of person that family would be left without."

**Great students, great team**

For the Daytona Beach campus, 2012 was a rewarding year. The highlight was the graduation of our fourth class of students. Five students from the Class of 2012 were inducted into the Alpha Omega Alpha Honor Medical Society, along with one inducted into the Gold Humanism Honor Society. Not to be overshadowed, the Class of 2013 has two AOA and two Gold Humanism inductees of its own.

Our latest alumni from the Class of 2012 are attending residencies right here in Florida or as far away as Hawaii, with two-thirds going into primary care. From our first two graduating classes, nine out of 22 alumni have been selected as chief residents, an honor signifying leadership skills, hard work and academic prowess. Other graduates have excelled in competitive fellowships.

While these achievements highlight the training and education our faculty provide, perhaps the most significant sign of our success is the close contact many alumni maintain with our faculty mentors. Several alumni are actively seeking to return to our area to practice medicine.

The beat goes on. Our stellar third-year students are impressed with the exemplary physicians they work with daily. Through the

generosity of the Halifax Health medical staff and the Bert Fish Foundation, four current students have received scholarship support to reduce their medical school debt.

While I celebrate the tremendous success of our graduates and campus, it is really the hard work of our staff, our clerkship directors and our clinical faculty that makes the Daytona Beach campus so special.

— Luckey Dunn, campus dean

**Daytona Beach by the numbers, as of Dec. 31, 2012**

Fourth-year students at Daytona Beach campus:	18
Third-year students at Daytona Beach campus:	23
College of Medicine graduates who trained at Daytona Beach campus:	66
Physician/faculty members at Daytona Beach campus:	273

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For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu)



## FORT PIERCE REGIONAL CAMPUS

**Garnet-and-gold birth team**

Like many memorable medical stories, this one takes place late at night. Cory Duncan (above) is in his fourth year, in his emergency-medicine rotation at Martin Hospital South in Stuart. He isn't expecting any babies this November night. Neither, apparently, is the worried migrant woman who comes to the hospital with severe vaginal bleeding.

She isn't pregnant, she tells the doctors in the emergency room. Duncan and his supervisor, clerkship faculty member Yvette Wirta-Clarke, D.O., begin to assess the patient. In no time at all, they find an undeniable clue: a tiny foot is peeking out. The woman is indeed pregnant, and the baby is preparing to enter the world feet first instead of head first.

Duncan and Wirta-Clarke confirm by ultrasound that the baby is viable. Unfortunately, no operating room is available. Since time is of the essence, it's decided to take her to nearby Martin Medical Center North, where an OB team is ready and waiting. So Duncan accompanies the woman in an ambulance on the 10-minute trip. The baby is delivered by C-section. She's only 26 weeks old, but after delivery both mother and baby are doing well.

To make the story even better, the physician who delivers her also has a College of Medicine connection. She's Sasha Siassipour, M.D., a graduate of the Florida State University OB-GYN residency program at Sacred Heart Health System in Pensacola.

It's not unusual for College of Medicine students to help deliver dozens of babies, but usually that takes place during the obstetrics-gynecology rotation in their third year.

"This episode proved to me the value of the hands-on education I have received at Florida State University," Duncan says. "Dr. Wirta-Clarke performed admirably instructing me and including me as a member of the medical team. Thanks to the excellent OB-GYN rotation during third year, I was better prepared to handle a situation such as this. It's not every day you get to help save a life – or two."

**Five fruitful years**

Here at Fort Pierce, we recently celebrated our fifth anniversary as one of the FSU College of Medicine's newest regional campuses. So far, 54 students who spent Years 3 and 4 with us have graduated from the College of Medicine, and we anticipate seeing 17 additional stu-

dents from our campus graduate in May. We already have 21 students from the Class of 2014, and we're expecting 20 more students from the Class of 2015.

We have a faculty of nearly 250, with a key group of clerkship directors who oversee the day-to-day learning experience at the local level. Our students and faculty forge ahead on learning clinical medicine but also are leading the effort on research and service to the profession.

As part of our ongoing philanthropy effort, we awarded four merit scholarships of \$5,000 to members of the graduating Class of 2012.

Most exciting of all is that some of the first grads who did their rotations here in Fort Pierce are finishing their residencies. Before long, we hope to see them return to our area to practice medicine, serve on our faculty and help create even more Florida physicians.

— Randall Bertolette, campus dean

**Fort Pierce by the numbers, as of Dec. 31, 2012**

Fourth-year students at Fort Pierce campus:	17
Third-year students at Fort Pierce campus:	21
College of Medicine graduates who trained at Fort Pierce campus:	54
Physician/faculty members at Fort Pierce campus:	247

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For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu)



## ORLANDO REGIONAL CAMPUS

**Sarah Weaver, one of our best**

If you want to know what we aspire to here at the College of Medicine's Orlando campus, get to know Sarah Weaver (front row, green shirt). She has been consistently praised for patient-centered care, boundless energy and an insatiable drive to make a difference in the community.

Her dedication has been nothing short of amazing. As the defined leader of community volunteerism for the Orlando Regional Campus, she organized projects for students that benefited a wide array of Floridians. Since 2003, no student has been more productive in this regard. Her community projects were directed to fulfill the College of Medicine's mission with respect to rural and elder care and attention to underserved and minority populations.

She was inducted into the Gold Humanism Honor Society. We predict with great confidence that Sarah Weaver will be a leader, an innovator and a champion for those less fortunate and in need.

**Ten triumphant years**

The FSU College of Medicine uses a distributed, community-based model of clinical education at regional campuses for the last two years of its curriculum. Around the state, that design is bringing great benefits to local communities where we have a presence.

Since we opened our inaugural regional campuses in 2003, the growth and effect have been impressive. The Orlando campus alone boasts more than 560 regional, community-based teaching faculty members whose influential connection to students in the real world has resulted in an educational relationship that is hard for a traditional medical school to match. More than 60 percent of FSU medical graduates are returning to Florida to practice, including 17 to Central Florida.



Our presence has had an economic impact approaching \$10 million, our IT methods provide cutting-edge materials to local practices, and our clinical research network is bringing the latest medical advances to their patients.

It has been an amazing 10 years of accomplishment.

— Michael Muszynski, campus dean

**Orlando by the numbers, as of Dec. 31, 2012**

Third-year students at Orlando campus:	<b>24</b>
Fourth-year students at Orlando campus:	<b>24</b>
College of Medicine graduates who trained at Orlando campus:	<b>142</b>
Physician/faculty members at Orlando campus:	<b>561</b>

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For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu).

## PENSACOLA REGIONAL CAMPUS



### Learning from a family's sorrow

"I was sitting in a room filled with grieving family members, a translator, chaplain, social worker, child life specialist, nurse and the attending physician," wrote Amanda Garnett, Class of 2013 (above). "The look on the mother's face as she hesitatingly said that her family had come to the decision to withdraw life support from their 15-year-old daughter was heart-wrenching."

"It was Hospital Day 14 after the daughter attempted to commit suicide by hanging herself. She suffered cardiopulmonary arrest and remained in a persistent vegetative state."

"This 15-year-old girl was one of the patients I followed while doing a rotation in the Pediatric Intensive Care Unit. The complexity of her case medically, ethically and emotionally is what I love about medicine. Helping the family to make what was by far the hardest decision they had to make in their lives was a challenging yet rewarding opportunity."

### Perfect partnerships

Without our community partners, the Pensacola Regional Campus wouldn't be the success it is today. While regional hospitals and physician practices provide the backbone of our medical education model, many other partners play vital roles as well:

- The University of West Florida has been a strong supporter from the start. Our students enjoy many programs offered to UWF students, and we have collaborated with the School of Allied Health and Life Sciences and the Department of Biology for years. The Argo-Noles Medical Mentors Program is a direct result of the relationship between our third- and fourth-year students and UWF undergraduates interested in a career in medicine. Pensacola State College is also a partner with our campus.
- The Medical Education Council of Pensacola certifies all the CME faculty development sessions that enrich our Pensacola faculty as well as faculty at our other regional campuses.

- The Escambia County Medical Society exposes our students to organized medicine, allows them to participate in meetings and has provided a generous scholarship to students with an interest in organized medicine.
- Many agencies assist with our three-week Community Medicine Course, designed to broaden students' understanding of how community agencies promote health and prevent disease. Among the participants have been Favor House, Children's Medical Services, United Cerebral Palsy of NW Florida, American Cancer Society, Gulf Coast Kids' House and Covenant Hospice.

We are blessed to have such a giving and inclusive community.

—Paul McLeod, campus dean

### Pensacola by the numbers, as of Dec. 31, 2012

Third-year students at Pensacola campus:	17
Fourth-year students at Pensacola campus:	21
College of Medicine graduates who trained at Pensacola campus:	115
Physician/faculty members on Pensacola campus:	305

**Pensacola Regional Campus**  
**8880 University Parkway, Suite A**  
**Pensacola, FL 32514-4911**  
[med.fsu.edu/pensacola](http://med.fsu.edu/pensacola)

**Paul McLeod, M.D., campus dean**  
[paul.mcleod@med.fsu.edu](mailto:paul.mcleod@med.fsu.edu)  
**Jennifer Rine, campus administrator**  
[jennifer.rine@med.fsu.edu](mailto:jennifer.rine@med.fsu.edu)  
**850-494-5939**

For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu).

## SARASOTA REGIONAL CAMPUS

**Healing, wherever they are**

Our clerkship faculty members teach by example. Many use their healing skills in their free time, benefiting communities and countries where competent medical care is scarce.

Dr. Washington Hill, our recently retired clerkship director for OB-GYN, has traveled annually to Africa to work with patients and is spending this year in Rwanda. Dr. John Kieffer, our psychiatry clerkship director, recently volunteered to help soldiers fresh from the battlefield with Post-Traumatic Stress Disorder. Dr. Tearikirangi Benioni, clerkship director in emergency medicine, worked late last year in the Cook Islands to help plan a free clinic. Dr. Diego Ramos-Rivera participates in Saline Solution, which gives medical care to the homeless in Sarasota every Sunday afternoon.

There are dozens of similar stories at each of the College of Medicine's six campuses. Our students notice, and often they have stories of their own.

Take Lindsay Martin, for example (M.D., '12, on right in photo above). Last year she spent two and a half weeks in Panama with the group Floating Doctors. Here is a compelling excerpt from her journal:

"A patient who made it all worthwhile was a 12-year-old girl who came as a part of her entire family. After taking everyone's histories, I asked her, 'Cual es tu problema?' Her mom told me that she had a rock in her ear that had been there for six years.

"I barely believed her, but I took a look with my otoscope and, sure enough, she had a rock in her right ear. We didn't bring the typical tools with us, such as a metal irrigation syringe or an ear curette, but I managed to find a large plastic syringe and some metal tweezers. I filled the syringe with bottled water and took my first try spraying the water into her ear.

"The rock didn't budge and I got nervous, so I went to ask one of the volunteer doctors who is a pediatrician at home. Carl tried a few times with no results, so I asked if I could try again. I tried two more times, determined to get the darn rock out, and finally on my third squirt the 10mm rock [about three-eighths of an inch] floated out of her ear!

"I grabbed it and showed her family, and they immediately started screaming and crying, SO happy that the rock was finally out of her ear. It was so emotional that I almost started to cry! They wanted to take pictures with me and we celebrated for a few minutes, but soon it was time to get back to my table because waiting patients were increasing by the minute."

Our faculty and students reach out to underserved communities in other countries as well as right here in Florida. It's part of our mission, but it's also part of what makes them tick.

— Bruce Berg, campus dean

**Sarasota by the numbers, as of Dec. 31, 2012**

Third-year students at Sarasota campus:	<b>20</b>
Fourth-year students at Sarasota campus:	<b>21</b>
College of Medicine graduates who trained at Sarasota campus:	<b>91</b>
Physician/faculty members at Sarasota campus and Immokalee site:	<b>319</b>

**Sarasota Regional Campus**

**201 Cocoanut Ave.**

**Sarasota, FL 34236**

[med.fsu.edu/sarasota](http://med.fsu.edu/sarasota)

**Bruce Berg, M.D., campus dean**

[bruce.berg@med.fsu.edu](mailto:bruce.berg@med.fsu.edu)

**Darlene Sparks, campus administrator**

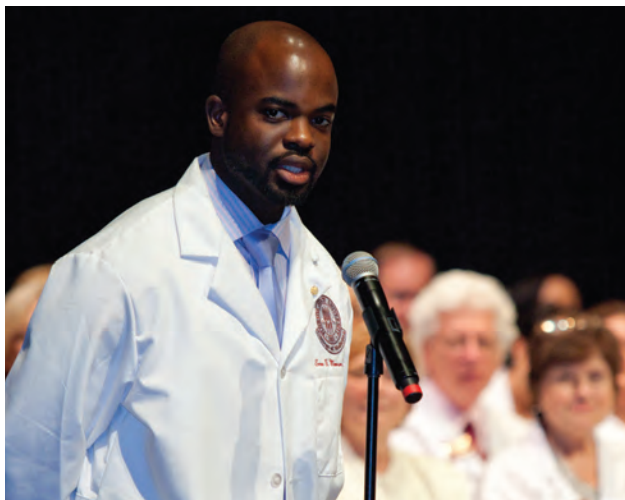
[darlene.sparks@med.fsu.edu](mailto:darlene.sparks@med.fsu.edu)

**941-316-8120**

For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu).



## TALLAHASSEE REGIONAL CAMPUS



### The road back to Tallahassee

Because of the shortage of residency slots in Florida, you've heard a lot about alumni who leave the state to continue their training. Lately, you're beginning to hear more about the ones who come back afterward.

Take Matt and Stephanie Lee (M.D., '06, above right). Both had residency training at Shands-Jacksonville – she in OB-GYN, he in orthopedic surgery. But then he moved to Johns Hopkins for a spine-surgery fellowship. In fact, the whole family moved. Some people worried they were gone for good. So the Tallahassee campus is rejoicing that the Lees have returned – and joined our faculty.

In fact, 25 College of Medicine alumni are practicing in the Tallahassee area as of early 2013. (It's 26 if you count Elving Colon, who's just across the state line in Thomasville, Ga.)

With each year that goes by, our alumni give us more reasons to celebrate.

### Fulfilling our mission

The coming expansion of health-care services to an increasingly diverse patient population, coupled with the graying of America, makes the need for College of Medicine graduates more acute than ever. Shrinking public dollars and the necessary investment in community physicians are challenges we face.

Take heart: We are exceeding expectations in the kinds of doctors we are producing as judged by their board performance, acceptance into competitive residency programs, character, bedside manner, leadership, practice location and specialty type. Specifically for the Tallahassee Regional Campus:

- 100 percent of the Class of 2012 matched into sought-after residency programs.
- Overall, 75 percent of our graduates have entered primary care training programs.
- About 30 of our graduates are currently practicing in our region.

- Prestigious awards have been bestowed on our clinical faculty and students. For example, the Gold Humanism Honor Society has inducted Dr. Mike Forsthoefel, Jason Boothe, Amy Haddock, Austin Henkel and Jennifer Owen.
- Nearly \$1.5 million annually is being paid in faculty stipends to our practicing community physicians.

Many of you have stepped forward and taken your game to new heights of dedication and excellence. I trust that the past year has continued to demonstrate that the FSU College of Medicine is a worthy and capable partner in our vital mission together.

— Ron Hartsfield, campus dean

### Tallahassee by the numbers, as of Dec. 31, 2012

Fourth-year students at Tallahassee campus:	13
Third-year students at Tallahassee, Thomasville and Marianna:	20
College of Medicine graduates who trained at Tallahassee campus:	97
Physician/faculty members at Tallahassee campus, Thomasville and Marianna:	434

3331 Capital Oaks Drive

Tallahassee, FL 32308

[www.med.fsu.edu/Tallahassee](http://www.med.fsu.edu/Tallahassee)

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Elaine Geissinger, campus administrator

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850-645-1232

For detailed information on all six of the College of Medicine's regional campuses, including a list of faculty members, visit "Campuses at a glance" at [med.fsu.edu](http://med.fsu.edu).



**COMMUNITY-BASED: Better access, more involvement**

As a community-based medical school, the College of Medicine provides its students with unparalleled clinical training opportunities during the third and fourth years of school.

Instead of working with residents, who are the newest and least experienced physicians, our students complete rotations working directly with veteran physicians in the community.

The difference has led to outcomes that can be measured in many ways. First, as seen on these pages, our students are exposed to more clinical opportunities and are more personally involved in patient care.

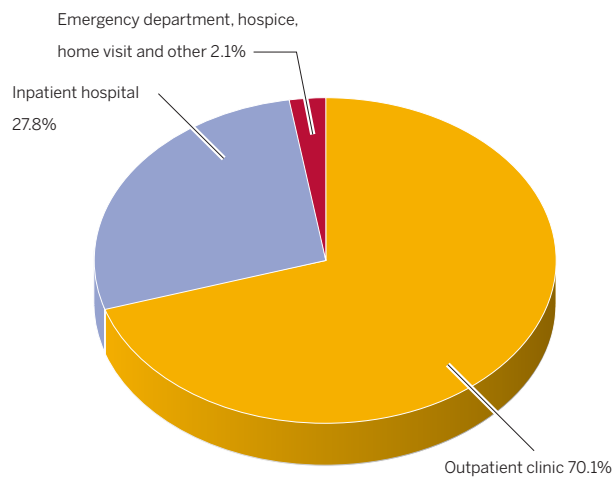
As seen on the pages that follow, that leads to strong outcomes on the United States Medical Licensing Exam, interesting comparisons to students from other medical schools on the annual Graduation Questionnaire and – most important – strong results on Match Day.

## DURING THE THIRD YEAR

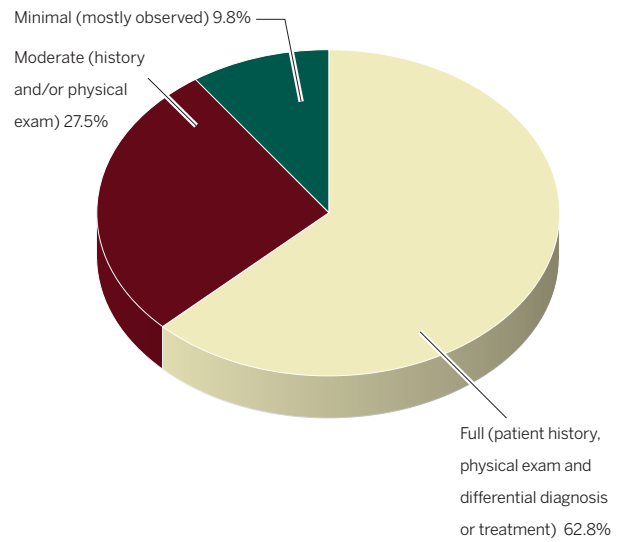
(Class of 2013)

Third-year students in the Class of 2013 participated in 124,025 patient encounters over the course of an entire academic year. Here are data from those patient encounters collected using the hand-held computer device students receive upon admission to the College of Medicine:

### WHERE THEY SAW PATIENTS



### LEVEL OF CARE



### PATIENT ENCOUNTERS

Clerkship	Number of students	Avg. encounters per student	Total encounters
Surgery	115	219	25,214
Internal medicine	114	179	20,419
Ob-gyn	111	166	18,414
Family medicine	116	153	17,755
Psychiatry	112	155	17,387
Pediatrics	113	139	15,714
Doctoring 3 (longitudinal)	118	77	9,122
Total (all courses)	120	1,033	124,025

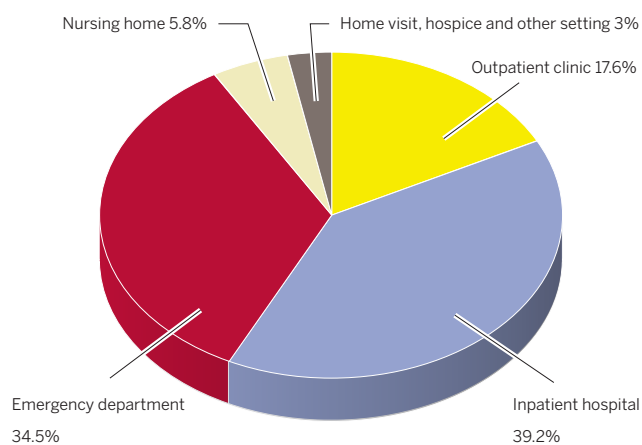


### DURING THE FOURTH YEAR

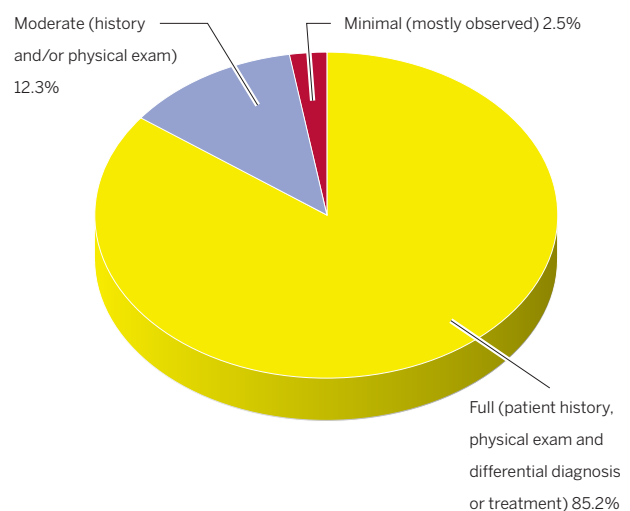
(Class of 2012)

Fourth-year students in the Class of 2012 participated in 38,081 patient encounters over the course of an entire academic year. Here are details about those encounters:

### WHERE THEY SAW PATIENTS



### LEVEL OF CARE







Match Day 2012

### PATIENT ENCOUNTERS

Clerkship	Number of students	Avg. encounters per student	Total encounters
Emergency medicine	113	111	12,514
Advanced family medicine	114	92	10,462
Advanced internal medicine	118	77	9,105
Geriatrics	116	52	6,000
Total (all courses)	118	323	38,081





### A COMPARISON: academic performance

All students at M.D. programs in the United States and Canada are required to take the standardized United States Medical Licensing Exam (USMLE), given at the end of the second year of medical school (Step 1) and early in the fourth year (Step 2).

The College of Medicine recruits students with a heavier emphasis on personal attributes that help to predict who

has the potential to become a competent and compassionate physician. However, our students compare favorably in USMLE performance with students at medical schools where MCAT scores and grade-point averages take higher priority in the admissions process.

The charts on these pages also demonstrate how MCAT scores for incoming students are not good measures for predicting academic performance.

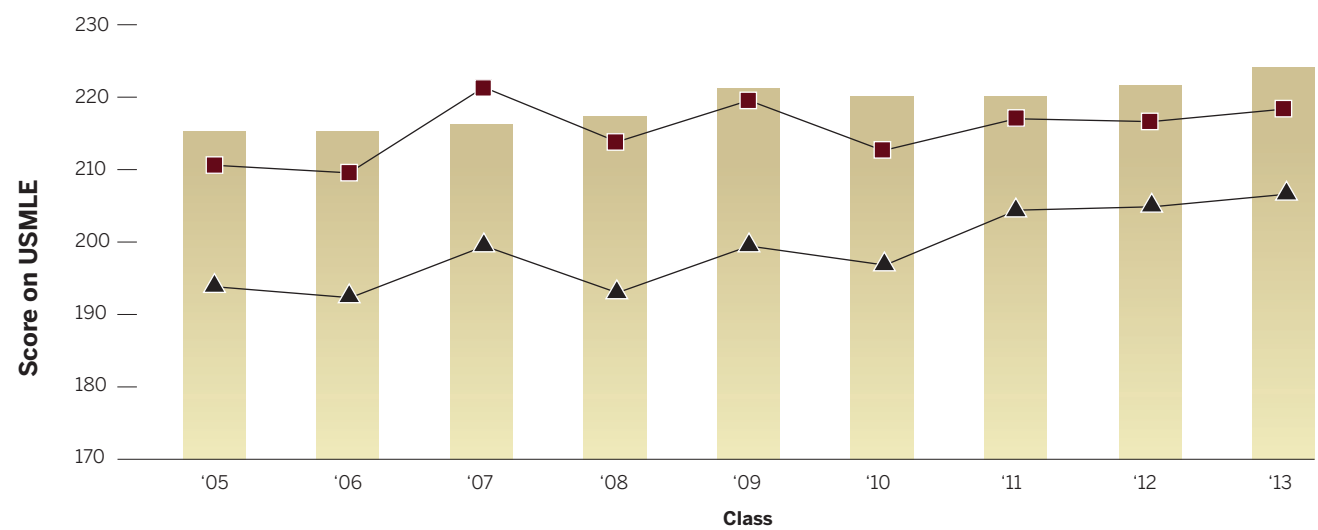
FIRST-TIME TAKERS	CLASSES									AVERAGE
	'05	'06	'07	'08	'09	'10	'11	'12	'13*	
National Step 1	216	216	217	218	222	221	221	222	224	219.7
National Step 2	220	221	225	226	229	230	233	237	237	227.6
FSU Step 1	<b>211</b>	<b>210</b>	<b>222</b>	<b>214</b>	<b>220</b>	<b>213</b>	<b>218</b>	<b>217</b>	<b>218</b>	<b>215.9</b>
FSU Step 2	<b>215</b>	<b>224</b>	<b>230</b>	<b>227</b>	<b>231</b>	<b>230</b>	<b>235</b>	<b>236</b>	<b>236</b>	<b>229.8</b>
National Increase Step 2 vs Step 1	4	5	8	8	7	9	12	15	13	9.0
FSU Increase Step 2 vs Step 1	<b>4</b>	<b>14</b>	<b>8</b>	<b>13</b>	<b>11</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>18</b>	<b>13.6</b>

\* Reflects scores available as of January 2013

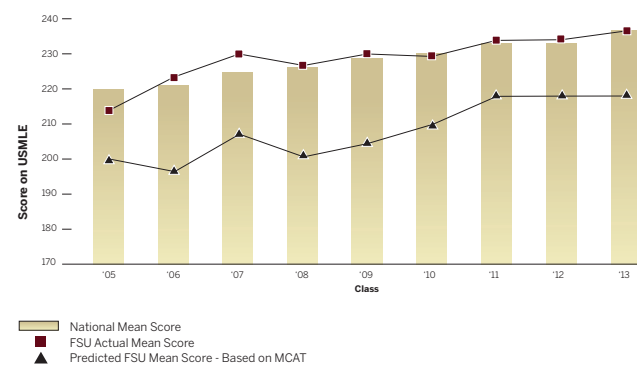
U.S. MEDICAL LICENSING EXAM

MEAN OVERALL SCORE FOR FIRST-TIME TAKERS

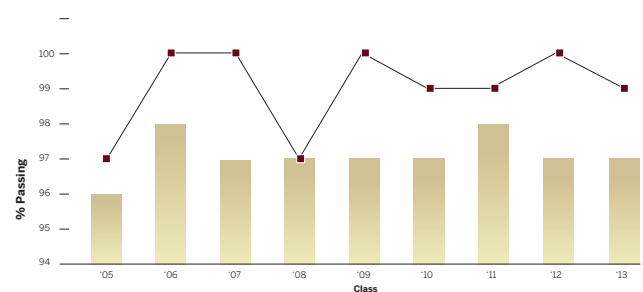
**USMLE Step 1**  
(given at the end of the second year of medical school)  
**Pass rate**  
**FSU: 93.3 percent**  
All other U.S. and Canadian: 92.8 percent



**USMLE Step 2 Clinical Knowledge (first-time takers)**  
(given early in the fourth year of medical school)  
**Pass rate**  
**FSU: 98.3 percent**  
All other U.S. and Canadian: 95.9 percent

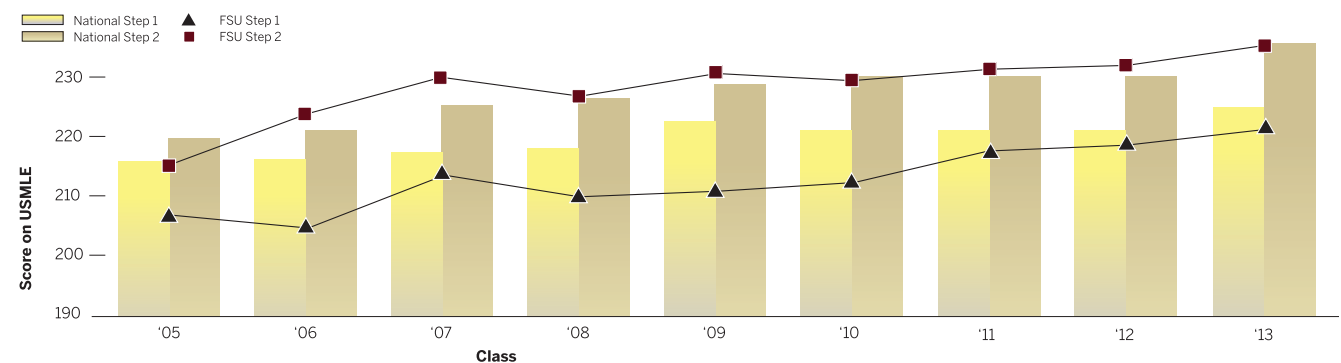


**USMLE Step 2 Clinical Skills (first-time takers)**  
(given early in the fourth year of medical school)  
**Pass rate**  
**FSU: 99.1 percent**  
All other U.S. and Canadian: 97.1 percent



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

COMPARING USMLE STEP 1 VS 2 – CLINICAL KNOWLEDGE



## THE REPORT CARD

Approximately 18,000 students graduate from M.D.-granting medical schools in the United States and Canada each year. All are invited to complete an in-depth (some might say *long*) survey designed to assess the quality of education they received.

It's called, appropriately, the Graduation Questionnaire. Better known as *The GQ*.

The GQ was introduced in 1978 as a tool for program evaluation. Sometimes the results identify problem areas, allowing medical schools to turn criticism into a first step toward making improvements. The Florida State University College of Medicine isn't immune.

At the same time, the survey results provide an effective way to compare how one medical school measures up to others. More important, it's a great way for medical schools to find out how well students think they have been prepared to start caring for patients.

In 2012, nearly 14,000 graduating medical students participated, representing 79 percent of eligible survey takers at 126 schools accredited by the Liaison Committee on Medical Education with current-year graduates.

The GQ includes questions related to pre-clinical experiences, clinical experiences, general medical education, student services, medical school experiences, diversity, special topics, financial aid and indebtedness, career intentions (specialty choice) and strengths and weaknesses.

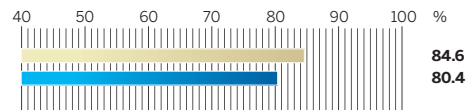
Because the educational model at the FSU College of Medicine is so different from almost all other medical schools, the GQ offers some particularly interesting feedback.

Overall, compared with graduates of all other U.S. and Canadian medical schools, FSU College of Medicine students consider themselves more prepared for residency, better supported in areas such as personal counseling, more informed about relationships with industry, better prepared in basic sciences (from Years 1 and 2) for the clinical training years (3 and 4) and happier about the quality of educational experiences during the third and fourth years.

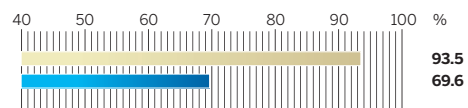
For the College of Medicine, here are the highlights:

- FSU med school graduates — agree or strongly agree
- Other med school graduates — agree or strongly agree

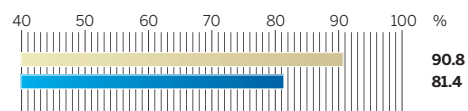
#### A faculty member personally observed me taking a patient history during the internal medicine clerkship



#### A faculty member personally observed me performing physical exams during the obstetrics-gynecology clerkship

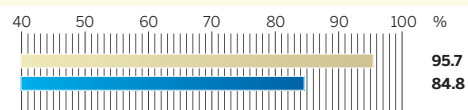


#### A faculty member personally observed me performing mental health exams during the psychiatry clerkship

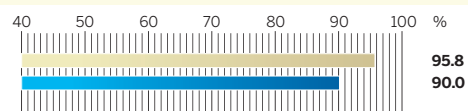


#### I am confident I have the knowledge and skills to:

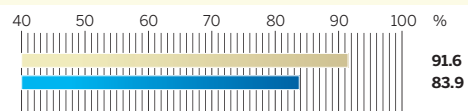
##### ■ Discuss a prescription error I made with the patient



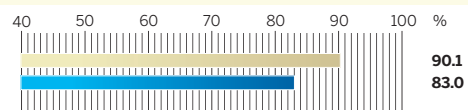
##### ■ Provide safe sex counseling to a patient whose sexual orientation differs from mine



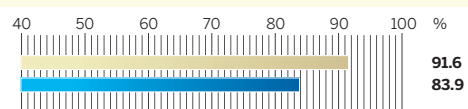
##### ■ Discuss treatment options with a patient with a terminal illness



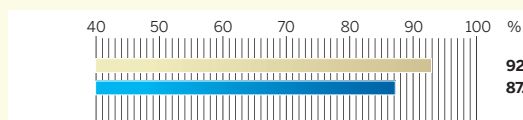
##### ■ Discuss 'do not resuscitate' orders with a patient or family member



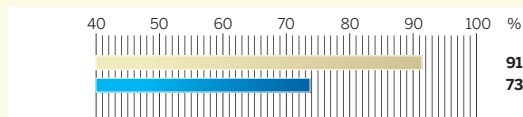
##### ■ Discuss treatment options with a patient with a terminal illness



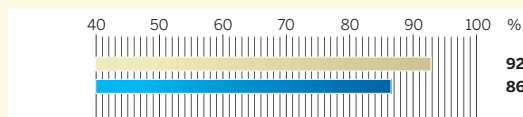
■ **Negotiate with a patient who is requesting unnecessary tests or procedures**



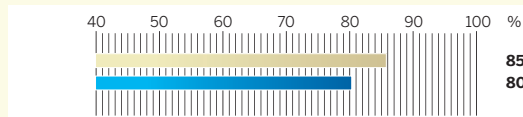
■ **Assess the health practices of a patient using alternative therapies**



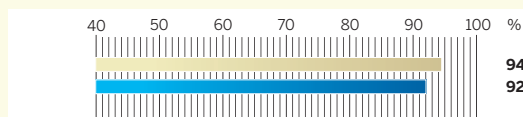
**Carry out sophisticated searches of medical information databases**



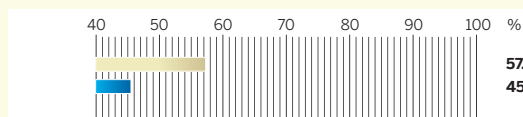
■ **Critically review published research**



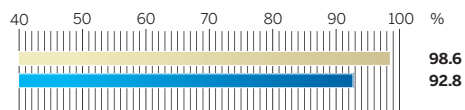
■ **Use a computer-based clinical record keeping program for finding and recording patient-specific information**



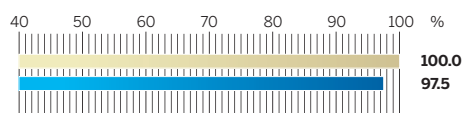
■ **Use telemedicine**



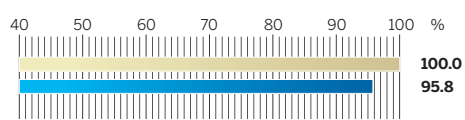
**I have a fundamental understanding of the issues in social sciences of medicine (ethics, humanism, professionalism, organization and structure of the health-care system)**



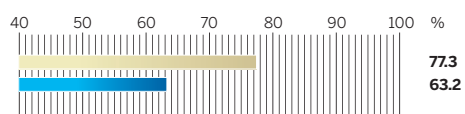
**I understand the ethical and professional values that are expected of the profession**



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



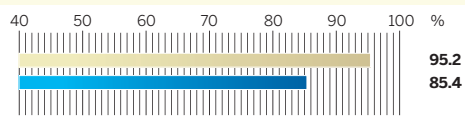
**I was educated about professional relationships with industry**



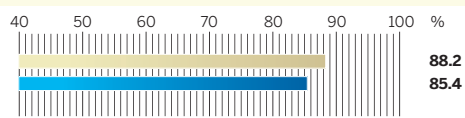
**Rate the quality of your educational experiences in the following clinical clerkships:**

- FSU med students – answering good or excellent
- Other med school graduates – answering good or excellent

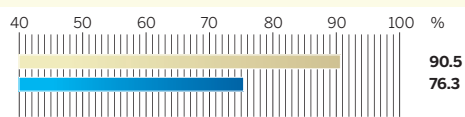
**Emergency medicine**



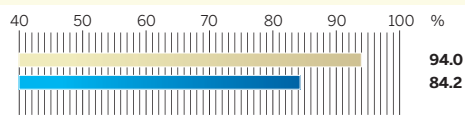
**Family medicine**



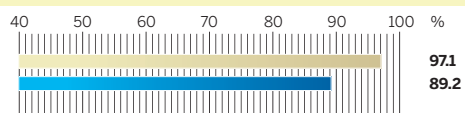
**Obstetrics-gynecology**



**Surgery**



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







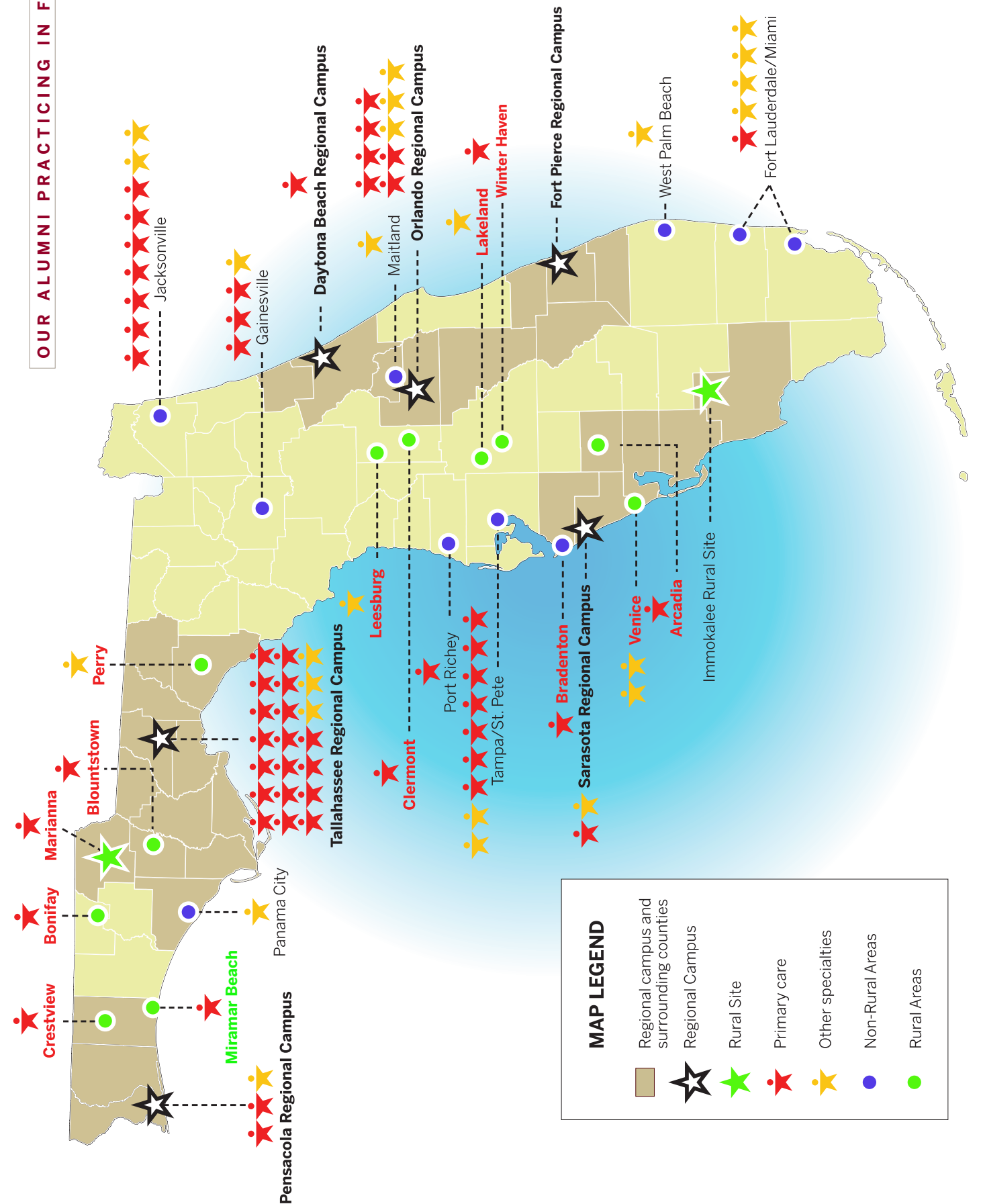


## COLLEGE OF MEDICINE ALUMNI PRACTICING IN FLORIDA (AS OF DECEMBER 2012)

NAME	LOCATION	SPECIALTY
Kerry Bachista (M.D., '2005)	Jacksonville	Emergency medicine
Julie Barre' (M.D., '05)	Orange Park	Orthopedic surgery
David Bojan (M.D., '05)	West Palm Beach	Emergency medicine
Natosha Canty (M.D. '05)	Tallahassee	Family medicine
Garrett Chumney (M.D., '05)	Tallahassee	Family medicine
Fawn Grigsby Harrison (M.D., '05)	Arcadia	Pediatrics
Michael Hernandez (M.D., '05)	Jacksonville	Internal medicine
Alex Ho (M.D., '05)**	Tallahassee	Emergency medicine
Joda Lynn (M.D., '05)	Perry	Emergency medicine
Javier Miller (M.D., '05)	Orlando	Urology
Jason Rocha (M.D., '05)	Pensacola	Orthopedic surgery
Chris Rodgers (M.D., '05)	Leesburg	Emergency medicine
Christie Sain (M.D., '05)**	Tallahassee	Family medicine
Lorna Stewart (M.D., '05)**	Tallahassee	Internal medicine
Jason Acosta (M.D., '06)	Maitland	Anesthesiology
Sandra Brafford (M.D., '06)	Tallahassee	Family medicine
Kara Brooks (M.D., '06)	Crestview	Family medicine
Brian Gibson (M.D., '06)	Panama City	Otolaryngology
Manny Herrera (M.D., '06)	Clermont	Ob-gyn
Victor Hultstrand (M.D., '06)	Pensacola	Ob-gyn
Melissa Launder (M.D., '06)	Port Richey	Family medicine
Matthew Lee (M.D., '06)	Tallahassee	Orthopedic surgery
Stephanie Lee (M.D., '06 )	Tallahassee	Ob-gyn
Shannon Price (M.D., '06) **	Tallahassee	Ob-gyn
Stelio Rekkas (M.D., '06)	Miami	General surgery
Regan Rostorfer (M.D., '06)	Orlando	Hematology/oncology
Chris Sundstrom (M.D., '06)**	Tallahassee	Ob-gyn
Luc Tran (M.D., '06)	Sarasota	Psychiatry
Esther Vildor-Dazil (M.D. '06)	Jacksonville	Internal medicine
Robin Albritton (M.D., '07)**	Marianna	Family medicine
Sady Armada Alpizar (M.D., '07)	Clearwater	Internal medicine
John Beach (M.D., '07)	Fort Lauderdale	Emergency medicine
Sandy Calle (M.C., '07)	Miami	Pediatrics
Shani-Kay Chambers (M.D., '07)	Winter Haven	Pediatrics
Rosemary Garcia Getting (M.D., '07)	Tampa	Anesthesiology
Adam Langley (M.D., '07)	Ocoee	Family & sports medicine
Nishita Patel (M.D., '07)**	Winter Park	Ophthalmology
Bina Patel-Elío (M.D., '07)	Tampa	Family medicine
Josef Plum (M.D., '07)	Tallahassee	Family medicine
Kristen Shepherd (M.D., '07)**	Sarasota	Ob-gyn
Gary Visser (M.D., '07)	Ocoee	Family & sports medicine
Brandy Willis (M.D., '07)	Tallahassee	Family medicine

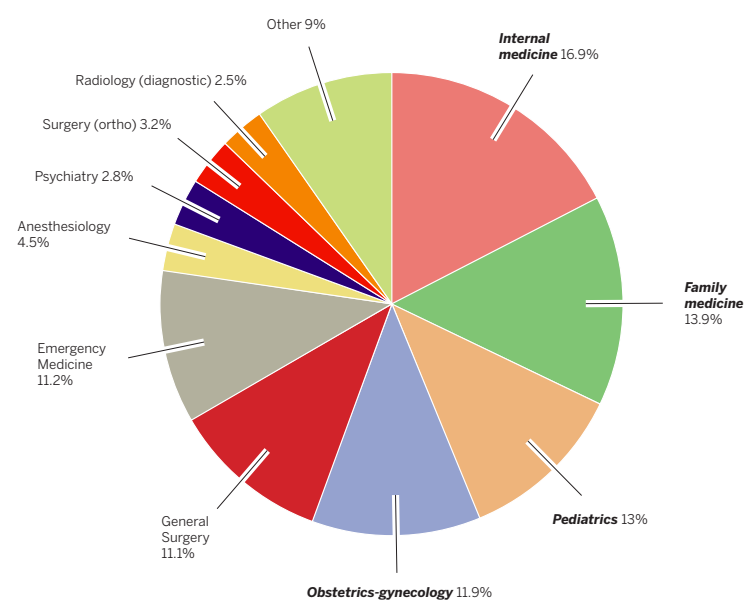
NAME	LOCATION	SPECIALTY
George Amyradakis (M.D., '08)	Winter Park	Ob-gyn
Jessica Auffant (M.D., '08)	Orlando	Ob-gyn
Murray Baker (M.D., '08)	Tallahassee	Emergency medicine
Todd Besnoff (M.D., '08)	Clearwater	Ob-gyn
Kristin Burns (M.D., '08)	Jacksonville	Ob-gyn
Ashley Cauthen (M.D., '08)	Tampa	Dermatology
Paola Dees (M.D., '08)	St. Petersburg	Pediatrics
Tanya Evers (M.D., '08)	Tallahassee	Ob-gyn
Ashley Fox (M.D., '08)	Fort Lauderdale	Emergency medicine
Nathanael Hawkins (M.D., '08)	Blountstown	Family medicine
Patrick Hawkins (M.D., '08)	Bonifay	Family medicine
Lindsay Hinson-Knipple (M.D., '08)	Tampa	Ob-gyn
Marie Jeoboam (M.D., '08)	St. Petersburg	Family medicine
Amy Neal (M.D., '08)	Tallahassee	Family medicine
Michelle Norden (M.D., '08)	Lake Mary	Pediatrics
Nehali Patel (M.D., '08)	Gainesville	Internal medicine
Randa Perkins (M.D., '08)	Tallahassee	Family medicine
Anne-Marie Piantanida-Whitlock (M.D., '08)	Miramar Beach	Ob-gyn
Ivan Porter (M.D., '08)	Jacksonville	Internal medicine
Sarah Ritchie (M.D., '08)	Gainesville	Pediatrics
Amanda Shearer (M.D., '08)	Tallahassee	Family medicine
Seth Smith (M.D., '08)	Gainesville	Family medicine
John Streacker (M.D., '08)**	Tallahassee	Family medicine
Marla Mickel Trapp (M.D., '08)**	Jacksonville	Geriatrics
Cody VanLandingham (M.D., '08)	Tallahassee	Family medicine
Nikita Wilkes (M.D., '08)	Jacksonville	Ob-gyn
Jeremy Williams (M.D., '08)	Lakeland	Emergency medicine
Leslie Davis-Singletary (M.D., '09)	Jacksonville	Internal medicine
Irmanie Eliacin (M.D., '09)	Daytona Beach	Family medicine
Amy Harrison (M.D., '09)	Tallahassee	Family medicine
Alisa Holland (M.D., '09)	Tampa	Internal medicine
Jonathan Journey (M.D., '09)	Gainesville	Emergency medicine
Steele Lancaster (M.D., '09)	Tallahassee	Internal medicine
Langdon Morrison (M.D., '09)	Venice	Emergency medicine
Stephanie Prada (M.D., '09)	Orlando	Internal medicine
Shannon Roberts (M.D., '09)	Venice	Emergency medicine
Richard Rodriguez (M.D., '09)	Miami	Emergency medicine
Chelsea Tehan (M.D., '09)	Bradenton	Pediatrics
Jennifer Walker (M.D., '09)	Pensacola	Pediatrics
(Bold are considered primary care)		
** - College of Medicine faculty member		

**OUR ALUMNI PRACTICING IN FLORIDA**



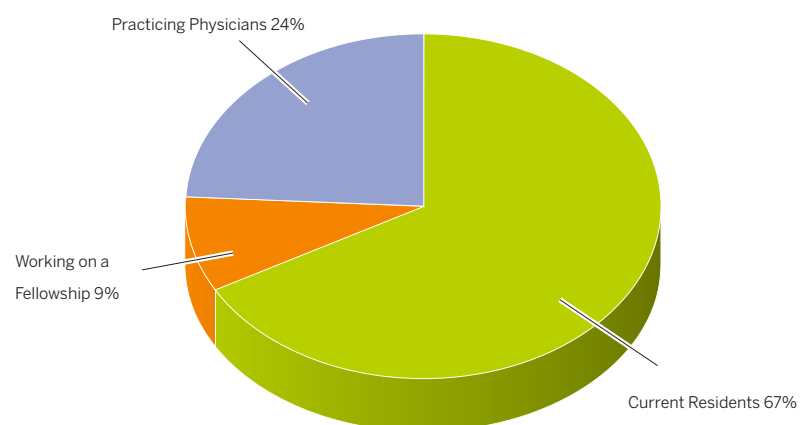


## MATCH DAY RESULTS, 2005-2012



(Bold italics denote primary care specialties)

## COLLEGE OF MEDICINE ALUMNI



## College of Medicine graduates – At a glance

- First class graduated - 2005
- 133 current practicing physicians (of 567 alumni)
- 66 percent of those in primary care
- 81 practicing in Florida (61 percent)
- 58 practicing primary care in Florida (71 percent)
- 13 physicians (16 percent) practicing in rural, medically underserved areas of Florida
- 15 caring for mostly rural patients in areas outside of Florida
- 22 percent of all grads in practice in rural areas
- 65 of the 82 practicing in Florida completed graduate medical education in Florida
- 60 chief residents through Class of 2010 (18 percent)
- 74 of those practicing in Florida are in or near one of our regional campus communities
- 14 alumni in practice have joined the College of Medicine clinical faculty
- 67 percent of the 567 alumni (classes of 2005-2012) are in residency training
- 9 percent are completing a fellowship



JUNO LEE







JUNO LEE

### HONORED TO SERVE

Creating a well-rounded and diverse student body is a critically important step in the College of Medicine's effort to achieve its mission. Carefully designed outreach programs help to increase the number of qualified applicants among students from backgrounds considered to be underrepresented in medicine.

While the college's outreach programs each follow a unique approach, they all share a common goal: to identify students who are a good fit for the college's mission.

The Honors Medical Scholars Society (HMSS) is geared toward recruiting students who excel academically, have demonstrated leadership skills and are interested in becoming a physician who will care for patients in a rural or underserved community. More than a third of the current HMSS participants describe themselves as hailing from a rural part of Florida.

Florida State University undergraduate student Tatianna Pizzutto went to high school in Palm Harbor near Clearwater. She said she was drawn to Tallahassee because of HMSS, a shift from her original plan to attend Duke University.

"I've always been really dedicated to service. That's where my passion was growing up," Pizzutto said. "I didn't know exactly how that would play out until I got connected here with the medical school."

Through a conversation with **Elizabeth Foster**, Ph.D., director of student research opportunities at the College of Medicine, Pizzutto made a discovery. She could take the service opportunities she participated in during high school and extend them to include FSU honors students.

In December, Pizzutto led a group of 22 medical honors students on a two-day trip to support the families of migrant farmworkers in Ruskin, a rural community south of Tampa where nearly half of children under age 18 live below the poverty line.

"Many college students, and premeds in particular, are eager to take international mission trips to help others in need," Foster said. "This trip – within 300 miles of Tallahassee – gives them an even more profound experience to help others."

"They work together to raise the donations, they drive together in their own cars, work side-by-side at the site, reflect on their shared experience and have a chance to do it all again within a few months. They learn that there are unmet needs nearby, and they have an experience that allows them to help."

The students, most of whom will one day be admitted into medical school at Florida State, donated clothing, grocery gift cards, small gifts and a message of compassion.

"One of the big goals was for our students to recognize the blessings we have," Pizzutto said. "A lot of them have never been many places outside their hometown, and it can be a shock to see that not everybody lives as well as we do."

"It gives you a different perspective. I personally have made up my mind that I want to come to this medical school, and I'm hoping trips like these will open some eyes for students who maybe still are on the fence about the mission statement, or about being a doctor who cares for patients in a rural or underserved community."

Medical honors student Laura Morales will lead the mission trip next year. She and Pizzutto both hope that the trip will be an annual event for the honors program and that it will expand to include honors students already enrolled in the medical school.

The College of Medicine hopes such trips will help to ensure a good fit: new shoes for children in Ruskin and the right medical school for honors students.

## HONORS MEDICAL SCHOLARS SOCIETY – at a glance

<b>Program began:</b>	<b>2006</b>
<b>Number of applicants:</b>	<b>453</b>
<b>Number accepted:</b>	<b>73</b>
<b>Matriculated to medical school at Florida State:</b>	<b>19</b>
(3 in the Class of 2014, 8 in the Class of '15 and 8 in the Class of '16)	
<b>Number admitted to date for the Class of 2017:</b>	<b>8</b>

### From a recent survey of HMSS students:

- More than a third of HMSS members say they are from a rural part of Florida
- One-third of respondents expect to specialize in family medicine after medical school (tied with surgery as the top choice of specialty)
- Including pediatrics, 50 percent plan to specialize in primary care
- 97 percent agree or strongly agree that the program has provided sufficient community volunteering opportunities
- 91 percent say the program has helped to cultivate leadership skills
- 62 percent believe the primary mission of HMSS is to attract high-achieving students who want to practice medicine in rural or underserved communities
- 18 percent believe the primary mission is to give HMSS students opportunities to be mentored by College of Medicine faculty



JUNO LEE





## NOW CARING

The College of Medicine and Tallahassee Memorial HealthCare opened an internal medicine residency program in August with an initial group of 10 interns and five second-year residents. The new residency program is located at Tallahassee Memorial Hospital and is under the direction of **Gregory Todd, M.D.** Plans for the new primary care residency had been in the works for more than two years and the Accreditation Council for Graduate Medical Education (ACGME) provided initial accreditation starting July 1. The initial accreditation period runs through July 1, 2014, and allows for as many as 36 residents at capacity.

The Florida State University College of Medicine Internal Medicine Residency Program at Tallahassee Memorial HealthCare will participate in the National Residency Matching Program for the first time in March 2013.

### SUNSHINE FELLOW

In addition to opening a new residency program in 2012, the College of Medicine is partnering with Dermatology Associates of Tallahassee to sponsor a procedural dermatology fellowship. The program received ACGME accreditation (effective July 1, 2013) to accept one fellow per year for training with Dermatology Associates physicians.

Graduate medical students eligible for the fellowship will have completed a primary dermatology residency program and will have obtained board certification. The new fellowship is one of 60 approved in the United States where dermatologists can acquire advanced training to deal with cases of complex skin cancer.

"The 'Sunshine State' certainly is the right place to do this as we care for a population that was not warned about sun exposure decades ago," said **John P. Fogarty, M.D.**, dean of the FSU College of Medicine.

### SEEING PATIENTS

The college's new family medicine residency program in Fort Myers is seeking to get a decision from the ACGME about initial accreditation in late spring or early summer.

The program opened a new Family Medicine Center at Lee Memorial Hospital, allowing Program Director **Gary Goforth, M.D.**, and his staff to begin seeing patients. The ACGME, which conducted a site visit shortly after the new center opened, requested additional documentation and is expected to review the college's application for accreditation at its review committee hearing in May.

In addition to Goforth, the program in 2012 hired four family physician faculty members, a nurse practitioner and a clinical psychologist. The Family Medicine Center opened for patients in July, allowing Goforth to begin building the clinical practice with the goal of welcoming residents either in fall 2013 or 2014.

Meantime, fourth-year FSU College of Medicine students now have the option of completing an advanced family medicine or other elective clerkships at Lee Memorial Hospital. Medical students at FSU already had options for clerkships at the college's Isabel Collier Read Medical Campus in nearby Immokalee.

The new residency program will be the first to open in Southwest Florida south of Tampa. It will accommodate up to 36 residents.

### ALSO IN 2012

**Julie DeCesare, M.D.**, program director of the College of Medicine's obstetrics and gynecology residency program at Sacred Heart Health System in Pensacola, was named chair of the Committee on Healthcare for Underserved Women for the American College of Obstetrics and Gynecology (District XII). The committee identifies problems in access to women's health care, in particular obstetric and gynecologic services, and develops and implements solutions that involve the College and obstetrician-gynecologists at the national, state, and community level.

The ob-gyn residency program also received a continuation of accreditation from the ACGME for a maximum five-year cycle and was approved to increase its number of residents from three to four a year.







Ryan Baker (M.D., '09) is one of nine College of Medicine alumni so far who have done all or part of their residency training at Florida Hospital.

### CRUCIAL GIFT FROM A KEY PARTNER

Florida Hospital, a longtime partner in the education of our Orlando Regional Campus students, now is also one of our most generous donors. Using a \$2 million gift from the hospital, the College of Medicine is establishing The Florida Hospital Endowed Fund for Medical Education.

The gift will ensure much-needed private support for attracting and maintaining the faculty of Orlando

community physicians who provide one-on-one training to our students.

"A medical school with our unique, community-based curricular design requires outstanding, dedicated clinical partners if excellence in educating the next generation of Florida's physicians is to be assured," said Dr. Michael J. Muszynski, dean of FSU's Orlando Regional Campus. "In



Marla Mickel Trapp (M.D., '08), left, discussing a case with Dr. Ariel Cole, completed both her residency and a fellowship in geriatrics at Florida Hospital.

2002, Florida Hospital joined that partnership, believing in the FSU mission and formula for 21<sup>st</sup>-century medical education. It is in the same spirit and altogether fitting that their generous gift will advance the FSU mission to train physicians for Florida for decades to come.”

Rich Morrison, a regional vice president for Florida Hospital, said the hospital had supported the FSU College of Medicine since the Legislature created it.

“We found the mission of the College of Medicine, to produce physicians who would focus upon primary care and seek to increase access for citizens who live in underserved areas, to be very compatible to our own history and mission,” Morrison said. “Finally we were intrigued and remain engaged in the teaching model

established by the FSU College of Medicine of having the last two years of medical education done mostly in the field, working with community physicians. This model is efficient and in our view a very effective way to train practicing physicians who get to experience medicine outside the walls of a hospital.”

Of this medical school's six regional campuses across Florida, the Orlando campus has the largest group of third- and fourth-year students and by far the largest group of community physician/faculty members who take turns teaching them (more than 560). Florida Hospital is one of the campus's nearly 20 community partners. So far, nine College of Medicine alumni have done all or part of their residency there. In addition, two alumni now work in



facilities owned by Florida Hospital and have joined the College of Medicine faculty.

"I am delighted to have helped facilitate the relationship between FSU and Florida Hospital," said FSU Trustee Mark Hillis. "Both are fully dedicated to the pursuit of medical excellence. This new collaborative opportunity supports not only the state of Florida but also the two medical communities on which we rely so heavily."

Said Dr. John P. Fogarty, dean of the College of Medicine: "Now that we are celebrating the 10<sup>th</sup> anniversary of our Orlando campus, we appreciate this generous gift as an acknowledgment of that relationship and a great help to us to support and sustain the quality leadership, faculty and programs there in the future."

## OTHER GIFT-MAKERS IN 2012

### SCHOLARSHIP ENDOWMENT FUNDS

#### Garry Adel and Terry Linn Cole, M.D.

Their ongoing support of the Terry Linn Cole, M.D. Endowed Scholarship provides increased scholarships for students at the College of Medicine.

#### Sammie Wade

She created a fund in memory of her aunt and uncle, Samuel and Irene Harris, to honor their commitment to health care and medical education. Her gift will give high school seniors a preview of medical school through the SSTRIDE Summer Institute. SSTRIDE (Science Students Together Reaching Instructional Diversity & Excellence) is a year-round program that provides a focused math and science curriculum for middle and high school students. Like SSTRIDE in general, this summer program targets prospective medical students from rural, underserved and minority populations – because they often lack the financial resources necessary to attend the program. But those students also are most likely to return to practice medicine for such populations.



### RESEARCH SUPPORT

#### John P. Sisson

He has made planned gifts to establish the John P. Sisson Medical Research Fund, which will provide money for geriatric research in honor of Dr. Ken Brummel-

Smith and traumatic brain injury research at the College of Medicine's Center for Brain Repair. "I made this gift largely because of Dr. Ken Brummel-Smith and his understanding of geriatrics and the impact traumatic brain injury has on older adults," Sisson said. "I am pleased to partner with the FSU College of Medicine. The advances going on there in medical research are stupendous."

Sisson, who has long supported excellence in medical research, has a personal passion to improve the quality of life for victims of traumatic brain injury. In 1989, after he made his mark in the worlds of entrepreneurship and social justice, among others, a speeding car ran a red light and changed everything. "The Traumatic Brain Injury (TBI) I suffered in that accident," Sisson writes in the prologue to "Jack's Book: A Journey in Progress," "stole from me my memory, some of my senses, whole swatches of personal history, and, eventually, my marriage." But rather than simmer in self-pity, Sisson focused his considerable energy and ability on improving life for TBI survivors. In 2006 FSU honored him for his ongoing financial support. You can access his book, his blog and other information on his website, [www.sossisson.com/](http://www.sossisson.com/).

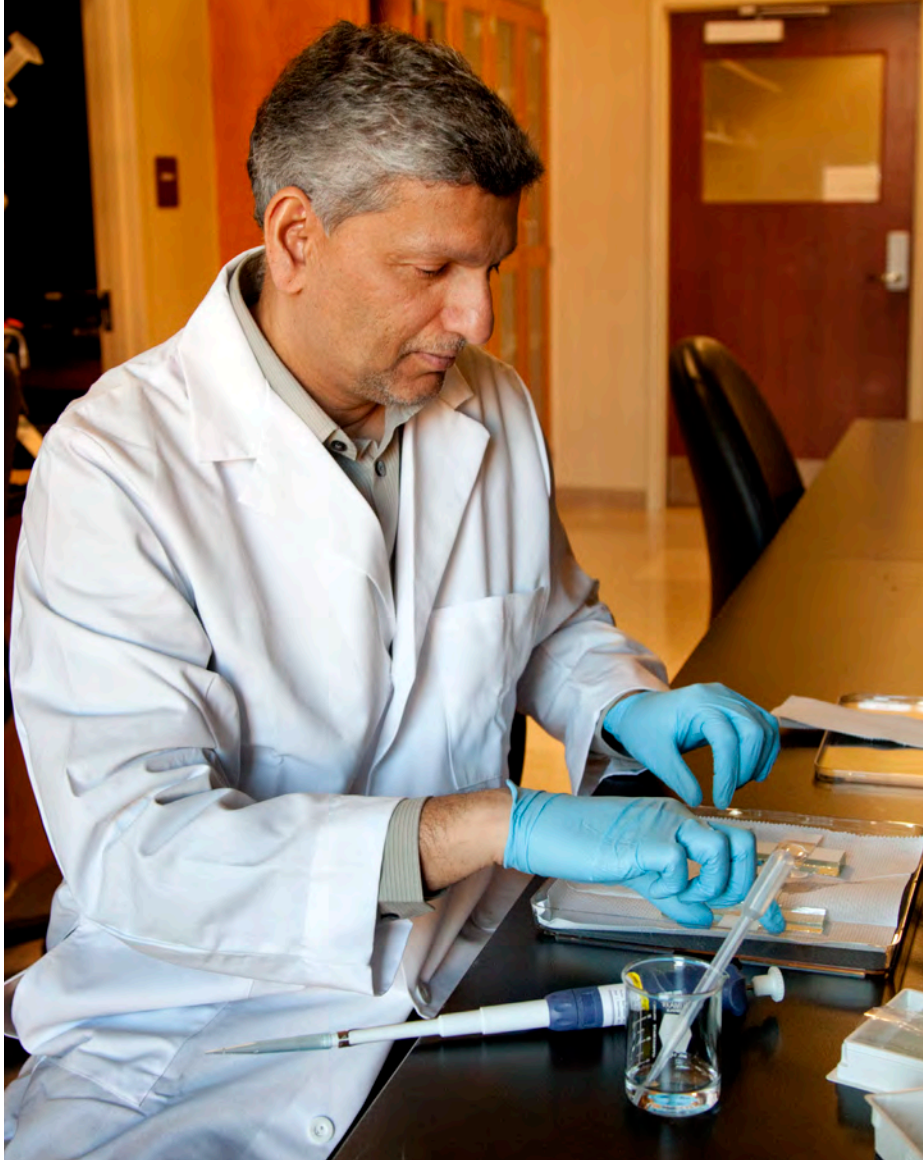


### FAREWELL TO A FRIEND

#### Laurie Dozier Jr.

In 2012 the College of Medicine lost one of its most generous supporters, when this longtime Tallahassee cardiologist and philanthropist died. In 2007 he gave a planned gift of \$2 million to be equally divided between Tallahassee Memorial and the medical school, which established the Laurie L. Dozier Jr., M.D. Professorship. "His legacy and memory will live on here," Dean John Fogarty said, "through the professorship in internal medicine that he established to support teaching our next generation of future physicians their clinical skills."





Professor of Biomedical Sciences Pradeep Bhide in the Center for Brain Repair at the College of Medicine.

#### FROM A THANKFUL FAMILY

Stefanie and Erwin Jackson watched in agony as a neurological disorder twisted their son Brian's body – then later watched with relief as treatments born of research tamed his symptoms. But watching is not what the Jacksons do best. They prefer action. And now, through their \$1 million donation, they're taking action to support College of Medicine research into dystonia.

In an agreement that also involves Tallahassee Memorial HealthCare and the TMH Foundation, the Jacksons are establishing The Brian Jackson Fund for Dystonia Research and Discovery in the medical school's Center for Brain Repair. "This is exactly the kind of opportunity the College of Medicine is always looking for," said Dean John Fogarty.

"It's a chance to move promising research from the lab to the community, where it can make a real difference in how people live their lives. We're grateful for this generous partnership with the Jackson family."

About seven years ago, when Brian Jackson was 15, his back muscles began to contract. His condition got so bad that he spent eight months in a wheelchair. There's no cure for dystonia, but what alleviated his symptoms was implanting electrodes in his brain. That's the kind of discovery that comes through painstaking research. "We don't want anyone else's child to go through what our son did," Erwin Jackson said. "If this donation can give researchers the momentum they need to find a cure for dystonia, it will be the best money we ever spent."



#### **Mollie and Paul Hill**

The new Mollie and Paul Hill Annual Writing Competition will be administered by the Center for Innovative Collaboration in Medicine and Law. Open to current medical students, medical residents and law students nationwide, this will be the first student writing competition explicitly focusing on the importance of medical and legal practitioners working together. The goal is to foster thoughtful reflection on the topic and promote Florida State University as the focal point for study and action concerning innovative collaboration in medicine and law. Mollie Hill is director of community clinical relations in the College of Medicine, and Paul Hill is general counsel of the Florida Bar.

#### **Joan Y. Meek, M.D., and Paul D. Meek**

They pledged funds to support the Orlando Regional Campus Discretionary Fund. Their gift will greatly enhance the campus's ability to meet its most pressing needs, including funds for faculty recruitment and unexpected operational expenses. It also may provide assistance for medical students in their third year as they transfer from the main campus in Tallahassee to the Orlando campus.

#### **Scott D. Warren, M.D., and Beth Warren**

For 30 years before the College of Medicine was instituted, the Program in Medical Sciences led FSU students through the first year of medical school, before they transferred to the University of Florida. The College of Medicine's philosophy to seek students from rural and other backgrounds underrepresented in medicine, and to consider character and motivation to serve others in the

admissions process, came directly from PIMS. Among those PIMS alumni is Scott Warren, who – after playing football for legendary Coach Bobby Bowden – pursued a career in medicine. Thanks to a generous donation from the Warrens, a display upstairs from the atrium tells the PIMS story and lists every class member from 1972 through 2001.



#### **John R. Van Wingen, Ph.D., and Marcia S. Van Wingen**

As assistant dean of information management, John Van Wingen knows firsthand the value of a finely tuned IT expert – and the importance of continuous learning. He and his wife, Marcia, have pledged funds for additional training in IT management and further professional development.

#### **Betty Ann Shelfer Rodgers and Jim Rodgers, DDS**

The latest gifts from these longtime friends of the medical school are going to support both the Department of Medical Humanities & Social Sciences and the Dean's Discretionary Fund.

#### **Richard Sheridan, M.D.**

Another alumnus of PIMS (Program in Medical Sciences), the forerunner of the College of Medicine, he has enriched the Dean's Discretionary Fund.

#### **Pamela Michelle Grier-Hall, M.D.**

Her pledged gift is designed to be used in support of the faculty members at the Pensacola Regional Campus.







## PROGRAM SUPPORT

### Dance Marathon

Amid all the changes that make each year a surprise, one thing remains constant: Come springtime, you know that the Dance Marathon participants will be dancing – and that somehow, incredibly, they'll raise more money than they did the year before. It's still the largest student-run philanthropy at Florida State. And the College of Medicine has a particular reason to be grateful for the dancers' energy: We get roughly half of the total. Much of that sum goes toward our school-based health program in Gadsden County. In 2012, the dancers' efforts resulted in a check to the College of Medicine for \$268,103.81.

### First Commerce Credit Union

Its support of the Center for Innovative Collaboration in Medicine and Law helped make possible the conference titled "Health Care Reform: Legal and Ethical Questions About Where We Go From Here."

## STUDENT SUPPORT



### Michael A. Fabian, M.D.

He pledged money to the discretionary fund of the Daytona Beach Regional Campus, which provides ongoing support for academic programs as needed.

### Steven Miles, M.D.

In memory of R.M. Miles, this gift funds a vital scholarship endowment for students at the Daytona Beach Regional Campus.

### Fort Pierce Regional Campus Clerkship Directors

Two clerkship directors just completed their first \$10,000 pledge: Kenneth Bridges, M.D., surgery director, and Juliette Lomax-Homier, M.D., OB-GYN director. They signed up for the Presidents Club in 2007 and completed their pledge through payroll deductions in fall 2012. Both have signed up for another \$10,000 pledge through payroll deductions over the next five years. Other clerkship directors at this and other regional campuses have done the same, and for all of them we are most grateful.

### Pensacola Regional Campus Clerkship Faculty Scholarship Endowment for Medical Education

Our appreciation to those from our clerkship faculty who have been instrumental in this endeavor: Maurice Bouchard, M.D.; Donald Dewey, M.D.; Daniel Doty, M.D.; Henry Doenlen III, M.D. Pamela Michelle Grier-Hall, M.D.; Donna Jacobi Pruett, M.D.; Dennis Mayeaux, M.D.; Paul McLeod, M.D.; Lawrence Edward Mobley, M.D.; Saul Ullman, M.D.; and Robert Wilson, M.D.

### Elvin Coy Irvin, M.D., and Angela Irvin

Given in the name of Michael Redmond, M.D., this endowment will provide scholarships for third- and fourth-year medical students at the Pensacola Regional Campus demonstrating a commitment to one of the following specialties: ophthalmology, pediatrics or organized medicine.

### Anonymous

One donor made a generous gift to support the Gold Humanism Honor Society. The organization honors medical students, residents, physician teachers and other role models for "demonstrated excellence in clinical care, leadership, compassion, and dedication to service." We are fortunate to have the support of this and several other anonymous donors whose contributions add immeasurably to the education of our students.

## 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 the top gift-makers from 2012. 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.

*Wayne Munson, assistant dean for development, wayne.munson@med.fsu.edu, 850-644-4389*

### NEW PLANNED GIFTS

John A. Blackmon, M.D., and Dorian T. Blackmon  
Katherine L. Rogers  
Ms. Sammie Wade

### NEW DONORS IN 2012 (\$1,000 or more)

Addiction Research Institute  
Aesculapian Management Co.  
Alliant National  
American International Group Matching Gifts Program  
James A. Ball III and Katherine W. Ball  
Blue Cross and Blue Shield of Florida Foundation  
Hal W. Brown, M.D.  
M. Louise Cason, M.D.  
Jeffrey M. Cohen, M.D.  
Comcast  
Degnan Family Medicine  
Francis O. Dwyer  
Florida Keys Area Health Education Center  
Gulf Power Foundation  
Gary Heller, D.O.  
The Immokalee Foundation  
Francille M. MacFarland, M.D.  
McLeod Health  
Jay Nilson and Rae Lynn Nilson  
Northwest Florida Surgery Center  
One Eighty Consulting  
Patsy J. Palmer and Talbot "Sandy" D'Alemberte  
Brett L. Parra, M.D.  
Peterson Bernard Attorneys at Law  
Procter & Gamble Co.  
Sarasota Medical Foundation  
Joseph F. Savona, M.D.  
SGA Class of 2012  
Shands HealthCare  
Ruth F. Taylor  
TD Bank  
June A. Vanderpool

### PREVIOUS DONORS WHO ALSO MADE A GIFT IN 2012 (\$1,000 or more)

The Archbold Medical Center  
Paul T. Baroco, M.D., and Lorraine A. Baroco  
Bruce H. Berg, M.D.  
The Bert Fish Foundation  
Gregory F. Boron and Suzanne M. Boron  
Kenneth Brummel-Smith, M.D., and Amrita Brummel-Smith, M.D.  
Suzanne Y. Bush, M.D., and G.E. Bush  
Carlos F. Caballero, M.D., and Eve M. Caballero  
Capital Medical Society  
Prasad V. Chalasani, M.D.  
Florina C. Cimpean, M.D., and Gelu A. Cimpean  
Suzanne D. Cognetta and Armand B. Cognetta Jr., M.D.  
Dermatology Associates of Tallahassee  
Escambia County Medical Society  
First Presbyterian Church  
Florida Heart Center  
Florida Medical Association  
Florida Medical Practice Plan  
Dean John P. Fogarty, M.D., and Diane T. Fogarty  
Michael R. Gilels, M.D.  
Meredith A. Goodwin, M.D.  
Edwin D. Groves Jr. and Margaret B. Groves  
Ronald C. Hartsfield, M.D., and Sally M. Hartsfield  
Rudolf J. Hehn, M.D., and Susan J. Hehn  
Paul F. Hill and Mollie H. Hill  
Julian E. Hurt, M.D., and Myra M. Hurt, Ph.D.  
Mark E. Ignatz, M.D., and Holly Ignatz  
Indian River Medical Center  
Donna J. Jacobi Pruett, M.D., and Dr. Henry F. Pruett Jr., DDS  
Floyd R. Jaggars Jr., M.D., and Melissa M. Jaggars  
Marshall B. Kapp, J.D., and Susan C. Kapp  
Lawnwood Regional Medical Center  
Martin Health System  
James E. Martin, M.D., and Melissa B. Martin, M.D.  
Dennis Mayeaux, M.D.  
Douglas G. Meuser, M.D., and Carole J. Meuser

Lawrence E. Mobley III, M.D.

Paula D. Mueller, M.D.

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

Jack I.H. Obeid, M.D.

Ormond Beach Memorial Hospital Doctors Fund

Keith B. Paredes, M.D., and Elizabeth L. Paredes

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

Professional Benefits

Pulmonary & Sleep Clinic

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

Jacob A. Samander, M.D.

Cynthia S. Samra, M.D.

Sarasota Memorial Hospital

George A. Smith, M.D., and Janett M. Smith

Scott Snedeker, M.D.

Jeremy R. Sobon

Mounzer Soued, M.D.

Southeastern HealthCare Foundation

Carl G. Speer, M.D., and Pamela G. Speer

St. Lucie Medical Center

Mark G. Stavros, M.D.

Curtis C. Stine, M.D., and Linda C. Stine

SunTrust Bank

Ullman Eye Consultants

Saul Ullman, M.D., and Nancy J. Ullman

Daniel J. Van Durme, M.D., and Patricia L. Van Durme

John R. Van Wingen, Ph.D., and Marcia S. Van Wingen

Venice Regional Medical Center—Medical Staff

Scott D. Warren, M.D., and Karen E. Warren

Robert K. Wilson Jr., M.D., and Charlie Faye Wilson

Youthful Aging Home Health

Dale T. Zorn, M.D.





### EXPENDITURE SUMMARY 2011-12

(\$72.5 million from all sources)

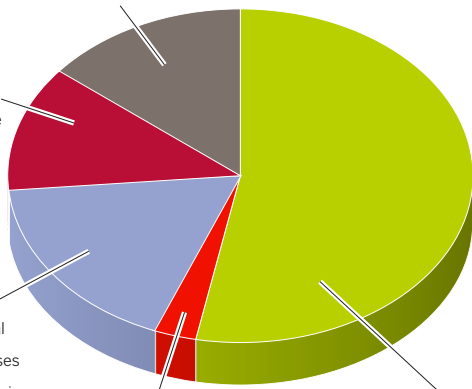
Research (Sponsored Projects) 14%

GME &  
Faculty  
Practice  
12%

Regional  
Campuses  
and Training  
Site 18%

Medical Library 3%

Main Campus Expenses 53%



### 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
- Robert Watson, M.D., Executive Associate Dean for Administrative Affairs
- Les Beitsch, M.D., J.D., Associate Dean for Health Affairs
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- John Van Wingen, Ph.D., Assistant Dean for Information Management

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