

2011 | a n n u a l r e p o r t



THE FLORIDA STATE UNIVERSITY
COLLEGE OF MEDICINE

On the cover: Dr. Anne-Marie Piantanida-Whitlock (Class of 2008), chief resident at the FSU College of Medicine/Sacred Heart Hospital OB-GYN residency program, takes time to get to know a patient.

MISSION

The Florida State University College of

Medicine will educate and develop exemplary

physicians who practice patient-centered

health care, discover and advance knowledge,

and are responsive to community needs,

especially through service to elder, rural,

minority, and underserved populations.

In 2011 the Florida State University College of Medicine celebrated a series of distinct events that combined to remind us how far the nation's youngest fully accredited medical school has come in a short time.

Our annual report gives us the opportunity to chronicle some of those events and share them with you. My hope is that reading this report will foster in you a sense of pride in all this medical school has become. Maybe you'll decide to join us by supporting the College of Medicine for all that it is about to become during the next 10 years of our growth.

In these pages you'll read about some of our highlights during 2011. The long list includes:

- A maximum eight-year reaccreditation by the Liaison Committee on Medical Education. We're the first new medical school of the 21st century to undergo this process. The spectacular results affirm our model and our outcomes.
- Successful institutional reaccreditation by the Accrediting Council for Graduate Medical Education, which reviewed our role in sponsoring residency programs across the state.
- The May graduation of the first full class in the school's history.
- More than two dozen new doctors entering practice in 2011, many of them in communities with a great need for more physicians. More than 70 percent of our graduates who are practicing in Florida are doing so in primary care specialties, the strongest indication that we are producing more of the kinds of doctors Florida needs most.



- Our successful recruitment of outstanding directors for affiliated partner residency programs at Tallahassee Memorial and Lee Memorial hospitals, reflecting our momentum in building graduate medical education (GME) capacity across the state. To monitor these relationships we have built up our GME office with outstanding associate and assistant deans.

- Growth and development in our statewide Clinical Research Network with leadership, staffing and new targeted studies getting under way in several sites.

- Great work by our faculty in representing the college well with awards, grants, publications and service on national committees.

- Community outreach efforts. Whether by clinical care in underserved areas, research in minority populations, or special education programs to our elders, the College of Medicine is a strong presence in our community. Similar programs are taking place in each of our regional campus communities across Florida.

I take great pride in publicly acknowledging a highly productive, event-filled year. I'm extremely proud of our faculty, staff and students, and I hope you enjoy reading about them as much as I enjoy working with them.

John P. Fogarty, M.D.

Dean, Florida State University College of Medicine



Commencement 2011

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 2011, more than 55 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. Of course, alumni in other specialties 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: 474

- Number of those who are minorities underrepresented in medicine: 110 (66 Hispanic/Latino, 37 Black/African American, 2 American Indian or Alaskan, and 5 of two or more races)
- All minorities (including Asian): 188
- Florida residents: 469
- Women: 230
- Men: 244

Bridge students: 12

Ph.D. students: 43

- 32 in biomedical sciences
- 1 in biochemistry
- 10 in autism, research and interdisciplinary leadership at the Autism Institute

Postdocs: 10



NOTES ABOUT ENROLLMENT

The college received nearly 4,000 applications for the M.D. Class of 2015, which began its first year in June 2011. It marked the second consecutive year in which there were more male than female students in the new class. Overall, there were more females than males (246 to 231) enrolled in 2010. The College of Medicine issued only 183 acceptance letters to reach the 120-person Class of 2015, an indication that more students are making Florida State their top choice in the application process.

ALUMNI

450, including the 114-person Class of 2011. A total of 85 of those graduates have completed residency and, in some cases, fellowship training and are now practicing physicians. (Read about the impact they are having starting on page 47.)

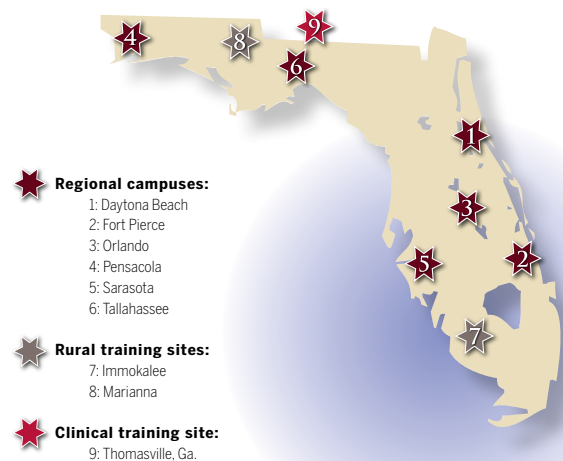
FACULTY

Full-time: 138

Part-time: 2,097

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 nearly 2,100 physicians to provide clinical training to our students.



CONTACT US

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ADMINISTRATION

'GUIDED BY ITS PRIMARY MISSION'

When the College of Medicine was reaccredited in October, few remarks in the announcement letter meant more than this:

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

That was the first of several areas of strength cited by the Liaison Committee on Medical Education (LCME) in its Oct. 12 letter to Florida State University President Eric Barron.

For nearly two years, the College of Medicine worked to prepare for the all-important LCME site visit, which took place in early April. "The goal was to be able to clearly demonstrate the strength of the educational program and to share the remarkable outcomes achieved through innovative approaches," said John P. Fogarty, dean of the medical school.

With the favorable ruling from the LCME – the sanctioning body of U.S. medical schools – Florida State became the first new medical school of the 21st century to be reaccredited. Though 11 years old now, Florida State remains the youngest fully accredited medical school in the country.

"The superb LCME result truly validates that the model of medical education developed here is working very well," Fogarty said.

"While many schools, both new and established, have regional campuses or multiple affiliated hospitals, most still focus the majority of their experiences in hospital-based rotations," he said. "Our students are in an apprenticeship during the third year, primarily in office settings, one-on-one with practicing, board-certified physicians in their specialty. It's wholly consistent with our patient- and mission-focused curriculum.

"We will continue to emphasize that model as the solution to our health-care and workforce crisis in the future."

LCME accreditation ordinarily occurs every eight years as part of a painstaking process that includes

a rigorous self-study by the applying institution and a thorough inspection from the LCME site visit team.

The survey team was made up of representatives from six medical schools (all of them from outside Florida) and included two deans, a professor of internal medicine, a fourth-year medical student, a vice dean for academic affairs and an associate dean for medical education.

Their report served as the basis for the LCME's decision regarding Florida State's compliance with accreditation standards in five areas: institutional setting, educational program for the M.D. degree, medical students, faculty and educational resources. Only LCME-accredited institutions may receive federal grants for medical education and participate in federal loan programs.

In addition, attendance at an LCME-accredited program is required for U.S. allopathic medical students before they can take the U.S. Medical Licensing Exam or enter residency programs approved by the Accreditation Council for Graduate Medical Education.

In its notification letter, the LCME also cited other areas of strength:

- "... a long-standing, well-organized and successful program for pipeline development and recruitment of students of diverse backgrounds."
- "The community faculty apprenticeship model 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."
- "The college should be commended for an impressive faculty development program, particularly for the diverse nature of the offerings and the sheer volume of effort expended to support the development of faculty on an ongoing basis."
- "The retention rate for community faculty is high, creating a stable educational platform for the clinical program."



Alma Littles, M.D.



Florida State began formal preparations for its LCME site visit in November 2009, conducting an exhaustive self-study involving more than 100 faculty, staff, administrators and students. The study took more than 18 months to complete.

Since first gaining full accreditation status in 2005, the Florida State University College of Medicine has opened new regional campuses in Sarasota, Fort Pierce and Daytona Beach and rural clinical training sites in Marianna and Immokalee; graduated seven classes; and grown from around 170 medical students to a full enrollment of 480. The new regional campuses are in addition to previously opened campuses in Orlando, Pensacola and Tallahassee.

LCME site-visit committee members indicated they were impressed by how well Florida State administers its community-based program, which allows students to directly interact with patients and take part in the types of cases they are most likely to encounter as practicing physicians.

The model is credited with helping Florida State produce a greater percentage of graduates entering primary care residency programs than any other medical school in the state since 2005.

The LCME is a joint committee of the American Medical Association and the Association of American Medical Colleges.

LEADING THE WAY

Completing the required self-study and preparing for reaccreditation was no small task. More than 100 faculty, staff, administrators and students were involved in the nearly two-year process.

Directing the effort was **Alma Littles**, senior associate dean for medical education and academic affairs. She gives most of the credit to **Cathy Bell**, executive support assistant for academic affairs.

Serving as committee chairs (name of committee in parentheses) during the self-study were **Lynn Romrell**, associate dean for medical education, evaluation and assessment (Courses/Clerkships); **Myra Hurt**, senior associate dean for research and graduate programs, and **Paul McLeod**, senior associate dean for regional campuses (Institutional Setting); **John Van Wingen**, assistant dean for information management, and **John Beidler**, associate director of facilities and operations (Educational Resources); **Alice Pomidor**, professor, Department of Geriatrics (Faculty); **Chris Leadem**, associate dean for student affairs (Medical Students); and **Robert Watson**, executive associate dean for administrative affairs (Educational Program). Dr. Littles and College of Medicine Dean **John P. Fogarty** served as co-chairs of the self-study steering committee.

FACULTY OF NOTE 2011

1: Jonathan Appelbaum, M.D.

Associate professor in the Department of Clinical Sciences Education director, internal medicine

Played a key role in a report on the first clinical treatment strategy for managing older HIV patients. The purpose of the report, released on the eve of World AIDS Day in December, is to provide best-practice guidance for HIV practitioners and other health-care providers who treat, diagnose and refer older patients with HIV disease.

Appelbaum, a member of the American Academy of HIV Medicine, served as co-leader of the study.

2: Andréé Aubrey, LCSW
Director, Area Health Education Center

Successfully applied for the College of Medicine AHEC program to become one of five nationally accredited programs for the training of smoking cessation specialists. The accreditation comes through the Association for the Treatment of Tobacco Use and Dependence. It's the first and only such accredited program in Florida.

3: Dennis Baker, Ph.D.
Associate dean for faculty development

Directs a faculty development program responsible for the nearly 2,100 physicians who

teach College of Medicine students across the four years of the curriculum. The program faces unique challenges in a community-based program with six regional campuses spread across Florida and teaching in the third and fourth years coming directly from community physicians.

When the College of Medicine received word in November of its maximum eight-year reaccreditation from the Liaison Committee on Medical Education (LCME), the faculty development program received significant praise. The LCME letter of accreditation stated: "The College of Medicine should be commended for an impressive faculty development program, particularly for the diverse nature of the offerings and the sheer volume of effort expended to support the development of faculty on an ongoing basis."

4: Les Beitsch, M.D., J.D.
Associate dean for health affairs

Completed two years of service on an Institute of Medicine committee charged with studying the public health system in a post-health reform world. The committee in 2011 published the first two of three reports: "For the Public's Health: The Role of Measurement in Action and Accountability," and "For the Public's Health: Revitalizing Law and Policy to Meet New Challenges."

5: Gail Bellamy, Ph.D.

Professor in the Department of Family Medicine and Rural Health

Was elected chair of the Intersection Council of the American Public Health Association. Also elected to a second term as chair of the Editorial Board of the *Journal of Rural Health*.

6: Debra Bernat, Ph.D.

Assistant professor in the Department of Medical Humanities and Social Sciences

Took part in a study appearing in the *Journal of Adolescent Health* that was widely cited in news reports based on its findings about parents' preferred source of sex education for their children. The study involved more than 1,600 parents of school-aged children. While 98 percent of parents said they preferred to have their children learn sex education at home, 78 percent said they believed that information already had been picked up through conversations with friends. Sixty percent said they believed their children had garnered that information through the media.

7: Ewa Bienkiewicz, Ph.D.

Research assistant professor in the Department of Biomedical Sciences

Was awarded a university GAP grant for a therapeutic agent that can neutralize the effect of

toxic hemin release following a stroke. The funding will help move the project ("A Novel Approach to Treating Stroke Victims") closer to commercial viability.

8: Michael Blaber, Ph.D.

Professor in the Department of Biomedical Sciences

Was recognized by Florida State University for three patents issued during the fiscal year ending June 2011 and for an additional patent application. His patents, part of five issued to his lab in the past two years, are related to work on fibroblast growth factor mutant proteins.

Authored along with Jihun Lee, former postdoctoral researcher in the Blaber Lab, an article in the *Proceedings of the National Academy of Sciences*. The article describes development of a novel method to identify a useful peptide "building block" for protein design. Results of the Blaber Lab research open up a new avenue to the design of synthetic proteins.

A related article was chosen as the cover story for the April issue of the *Journal of Molecular Biology*.

9: Harold Bland, M.D., and 10: Debra Danforth, ARNP

Professor and associate professor in the Department of Clinical Sciences

Together developed an Objective Structured Clinical

Exam (OSCE) to test medical students' knowledge of obtaining a patient history and physical in a simulated week-old infant who is ill. Such testing has been limited in the past due to the difficulty of finding infants to serve as standardized patients.

The innovation involves the use of the College of Medicine's simulation center and its high-tech infant manikins.

11: Ed Bradley, M.D.

Professor in the Department of Clinical Sciences

Received the Lifetime Achievement Award from the International Pancreatic Society. Dr. Bradley, who serves as education director for surgery at the College of Medicine, also was named to Who's Who Among America's Teachers in 2011.

12: Henry Carretta, Ph.D.

Assistant professor in the Division of Health Affairs

Was selected for Junior Investigator funding from the Robert Wood Johnson Foundation as part of the nonprofit organization's New Connections and Public Health Law Research program.

13: Kimberly Driscoll, Ph.D.

Assistant professor in the Department of Medical Humanities and Social Sciences

Received a Junior Faculty Award of \$406,000 from the

American Diabetes Association for her three-year study (*Pump It Up!*) to improve insulin pump adherence by providing intervention to adolescents with Type 1 diabetes. One aim is to develop a standardized assessment protocol to ensure accurate insulin pump knowledge and skills. The study will provide three intervention sessions with individualized feedback and recommendations to correct misuse of the insulin pump and to assist with the development of problem-solving skills to improve insulin pump use.

Pump It Up! takes place in conjunction with the routine diabetes clinic visit in the pediatric endocrinologist offices of **Dr. Larry C. Deeb** and **Dr. Nancy Wright**.

14: Joseph Gabriel, Ph.D.

Assistant professor in the Department of Medical Humanities and Social Sciences

Along with Florida State professors David Houle and Michael Ruse, hosted an international conference in evolutionary medicine at the College of Medicine in February. "Evolutionary Medicine: Contributions to the Study of Disease and Immunity" attracted, among others, noted expert speakers Dr. Randolph Nesse (University of Michigan) and Paul Ewald (University of Louisville).



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**15: Lisa Granville, M.D.**

Professor and associate chair of the Department of Geriatrics

As principal investigator, completed the final phase of a five-year, \$3 million Donald W. Reynolds Foundation grant to integrate the essential elements of sound geriatric medicine with the College of Medicine curriculum. The intent was to prepare physicians from the College of Medicine to provide the best care for older patients and to incorporate those standards of care in the treatment of all patients, regardless of age. **Suzanne Baker**, program director in the Department of Geriatrics, served as grant coordinator.

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**16: Rob Glueckauf, Ph.D.**

Professor in the Department of Medical Humanities and Social Sciences

Was awarded a three-year (\$670,000) National Institute of Mental Health grant for "Novel Dissemination of a Group Intervention for HIV+ Women via Web Conferencing." One of his former students is principal investigator and Glueckauf is principal investigator of the telehealth core of the project.

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**17: Myra Hurt, Ph.D.**

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

Received the Jim King Leadership Award, presented by Florida's Center for Universal Research to Eradicate Disease (FL CURED). The award honors outstanding efforts to expand and enhance

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Florida's biomedical research enterprise and expedite cures.

Was honored at the Office of Intellectual Property Development and Commercialization's Seventh Annual Inventors Reception for submitting several disclosures in 2011 and has a pending patent application for a discovery developed with her postdoctoral student **Raed Rizkallah**, Ph.D.

18: Suzanne Johnson, Ph.D.

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

Was elected president of the American Psychological Association in 2011. Her term as president began Jan. 1, 2012.

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**19: Mohamed Kabbaj, Ph.D.**

Associate professor in the Department of Biomedical Sciences

Was one of six Florida State University faculty members chosen to receive a 2011 Developing Scholar Award. The award was based on an evaluation of Kabbaj's scholarly work while at FSU. He was nominated by peers and selected by the University Council on Research and Creativity.

Dr. Kabbaj's research is in the area of stress and drug addiction, and he is working with a \$1.8 million NIH grant to research sex differences in anxiety. He has produced

evidence that higher levels of testosterone could explain why men are less afflicted by anxiety than women.

20: Marshall Kapp, J.D., MPH

Director, Center for Innovative Collaboration in Medicine & Law

Received a one-year grant to develop the POLST Paradigm in Florida. POLST (Physician Orders for Life-Sustaining Treatment) increases the likelihood that patient wishes for end-of-life care will be followed in the event of a life-threatening emergency. The grant comes from the Retirement Research Foundation and the Oregon Health & Science University Center for Ethics in Health Care.

Created the Medical-Legal Partnership to help medical and law students at Florida State work together in understanding that health problems sometimes are caused or exacerbated by an underlying legal issue. Addressing one without addressing the other does not provide the optimal health outcome.

Completed a 15-month project to develop, demonstrate and evaluate a strategy for improving the education of medical students regarding the relationship between legal risk management and humanistic patient care. Kapp will include Humanizing Risk Management results as part of an article to be published in spring 2012.

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21: Susan LaJoie, ARNP

Faculty and nurse practitioner with the Department of Family Medicine and Rural Health

Was the first Tallahassee health-care provider to gather baseline and incident concussion data as part of an FSU/UF Clinical Translational Research Network pilot study on sports-related concussion among adolescents. LaJoie collects data using the assessment tool developed at the 2008 International Consensus Meeting on Concussion in Sport. The effort will help Florida as it considers toughening return-to-play guidelines for young athletes who sustain head injuries.

22: Cathy Levenson, Ph.D.

Professor in the Department of Biomedical Sciences

Was promoted to professor with full tenure in 2011 and continues to excel in teaching, service and research, where she is an internationally recognized expert on trace metals and the brain. She serves on the Institute of Medicine/ National Academy of Sciences Committee on Nutrition, Trauma and the Brain, meeting three times a year to write recommendations for nutritional approaches to the treatment of traumatic brain injury.

23: Tim Megraw, Ph.D.

Associate professor in the Department of Biomedical Sciences

Created and licensed polyclonal antibodies against

a critical protein in cellular pathways regulating human brain size. Dr. Megraw was recognized for his technology (which has been commercialized by the Millipore Corp.) at the annual Office of Intellectual Property Development and Commercialization Innovators Reception.

24: Kristin Parsley, M.D.

Assistant professor in the Department of Clinical Sciences

Completed a two-year Clinical Genetics and Metabolism Fellowship at the University of Colorado Anschutz Medical Campus in Denver. She returned to the FSU College of Medicine in 2011 as the only postnatal clinical geneticist in North Florida. In addition to her teaching duties with first- and second-year medical students, Dr. Parsley serves as medical director of the Tallahassee Memorial HealthCare Clinical Genetics Center.

25: Alice Pomidor, M.D.

Professor in the Department of Geriatrics

Completed her term as president of the Florida Geriatrics Society and was promoted to professor of geriatrics. She also was recognized in *Academic Medicine*, the journal of the Association of American Medical Colleges, for developing a video game for teaching geriatric concepts to medical students. In addition, she co-edited a new book – “Exercise for Older Adults.”

26: Lynn Romrell, Ph.D.

*Professor in the Department of Biomedical Sciences
Associate dean for medical education, evaluation and assessment*

As part of his work in curriculum development, has spent several years organizing a database for the College of Medicine to track medical students' performance. Among other things, the data he has accumulated and interpreted through statistical analysis have provided concrete evidence illustrating the success of the College of Medicine's mission-based admissions policy. He has provided clear data to refute the notion that MCAT scores and grade-point averages are the best predictor of success in medical school.

During the LCME site visit leading to reaccreditation, Dr. Romrell's statistical analysis was central to the College of Medicine's demonstration of the remarkable outcomes found in its community-based model.

27: Javier Rosado, Ph.D.

Clinical assistant professor in the Department of Medical Humanities and Social Sciences

Published the first brief from a pilot research project funded through *Salud America!* The Robert Wood Johnson Foundation Research Network to Prevent Obesity among Latino Children.

“A Measurement of Obesity: BMI Screenings Across Two Settings” assesses how much



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weight-related medical attention children receive during well-child visits at a pediatric health center in a rural, predominantly Latino, migrant farm-worker community. Dr. Rosado teaches and sees patients at the College of Medicine's rural clinical training site in Immokalee.

28: Charles Saunders, Ph.D.
Assistant professor in the Division of Health Affairs

Received a New Investigator Award from the James and Esther King Biomedical Research Program, one of 17 such grants awarded and the only one given to a Florida State University researcher. The \$370,000 grant will be used for a three-year longitudinal study of tobacco product use among Florida's adolescent population.

29: Dennis Tsilimingras, M.D.
Assistant professor in the Department of Family Medicine and Rural Health

Received a two-year, \$900,000 grant from the federal Agency for Healthcare Research and Quality (AHRQ) to learn more about the frequency of adverse events in the critical weeks after discharge from the hospital. The study is unique in that it specifically looks at patients from rural areas. The goal of the study is to recommend ways to reduce post-discharge problems, which often involve medications. His award (an RO1, the top tier of grants provided by the agency) is one of only four given in 2011 by the AHRQ.

30: Daniel Van Durme, M.D.
*Chair, Department of Family Medicine and Rural Health
Director, College of Medicine Center on Global Health*

Traveled to Karaganda, Kazakhstan, along with faculty from UCLA, the University of South Florida and Virginia Commonwealth University to teach a course for faculty from several medical institutes and medical schools in Kazakhstan. The weeklong course focused on research methods, grants and medical writing.

31: Jacob Van-Landingham, Ph.D.
Assistant in medicine in the Department of Biomedical Sciences

Received financial support for his funding gap proposal – "Use of Progesterone and its Enantiomer to Better Outcomes Associated with Concussion." He also received a commitment for continued support from the Office of Intellectual Property Development and Commercialization toward efforts to commercialize his work.

32: Yanchang Wang, Ph.D.
Associate professor in the Department of Biomedical Sciences

As part of a National Science Foundation (NSF) grant, helped organize a series of events designed to better educate the public about the health benefits of biomedical research. The NSF is urging researchers nationwide to do a better job of explaining to nonscientists the significance

of their work and its public health benefits.

Through the Osher Lifelong Learning Institute at Florida State University, the series of talks at a Tallahassee retirement community paired one basic scientist/researcher and one physician/clinician. Together, they provided perspective from differing viewpoints in the effort to keep people healthy. (See: "Service: Sharing what we've learned," pages 19-20.)

33: Amy Wetherby, Ph.D.
*Professor in the Department of Clinical Sciences
Executive director of the Autism Institute*

Helped design a checklist to assist pediatricians in identifying delays that can indicate autism spectrum disorders (ASD). That checklist was the subject of a comprehensive study completed in 2011. Researchers at the University of California, San Diego, used the checklist to screen more than 10,000 infants during their one-year checkup. Results of the study were published in *The Journal of Pediatrics*.

The California study validated Wetherby's checklist as a valuable tool for increasing the likelihood of an earlier intervention for infants diagnosed with ASD. Research has shown that an earlier intervention increases chances for a better long-term outcome.

NEW FACULTY

34: Michelle Arbeitman, Ph.D.*Associate professor in the Department of Biomedical Sciences*

Dr. Arbeitman, a summa cum laude graduate of the University of California at Berkeley, and her colleagues at the University of Southern California were pioneers in using large-scale genomic approaches for the study of animal development and behavior.

At the FSU College of Medicine she continues to address one of the frontier questions in biology: How are complex behaviors specified by genes? This question asks how neural circuits that drive sex-specific behaviors are specified and how genes and their products within these neural circuits function to elaborate such behaviors. Understanding these questions will someday have important implications for our understanding of human neurological diseases and behaviors.

35: Pradeep Bhide, Ph.D.
Professor in the Department of Biomedical Sciences

Dr. Bhide has five active grants totaling \$4 million from the NIH related to his study of the brain, its development and regulatory mechanisms, including the effects of opioid receptors and better understanding of addiction. He is director of the new Center for Brain Repair at the College of Medicine.

Dr. Bhide joined the College of Medicine in the fall of 2011 after 20 years as an instructor, assistant professor and associate professor at Harvard Medical School and as an associate neuroscientist at Massachusetts General Hospital. Bhide is the first occupant of the Betty Ann and Jim Rodgers Eminent Scholar Chair of Developmental Neuroscience. Bhide and assistant professor Jinmin Zhu are conducting research into the ADHD drug Ritalin with the potential to produce a major change in the drug's addictive qualities, which have led to its abuse. They've discovered an anti-opiate that cancels the addictive qualities of Ritalin and currently have a combination drug in clinical trials.

36: Kendall Campbell, M.D.*Associate professor in the Department of Family Medicine and Rural Health*

Dr. Campbell is a new member of the College of Medicine faculty, but has a longer history with the program than almost all others. In 1997, he graduated from the Program in Medical Sciences (precursor to the new medical school at Florida State) and prior to that served as a mentor in the SSTRIDE outreach program. Dr. Campbell also completed his family medicine residency program training at Tallahassee Memorial Hospital.

Dr. Campbell spent six years teaching at the University of Florida College of Medicine prior to joining the Department of Family Medicine and Rural Health at Florida State in 2011.

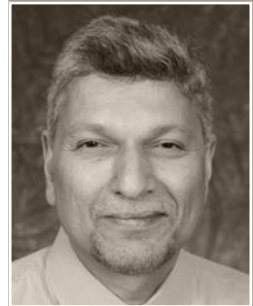
37: Heather Flynn, Ph.D.*Associate professor and vice chair for research in the Department of Medical Humanities and Social Sciences*

Dr. Flynn's research interests include psychological interventions to better detect, treat and improve outcomes for depression in women around the time of childbearing. Flynn is co-principal investigator for a National Institute of Mental Health-funded study ("Targeted Research on Mental Health Disparities") that aims to shed more light on perinatal depression by building a large national, collaborative team. She is the P.I. for an Agency for Healthcare Research and Quality grant by which she hopes to establish the feasibility of transforming clinical databases into clinical research registries for higher impact clinical research on perinatal depression.

Dr. Flynn earned a B.S., M.S. and Ph.D. in psychology from Florida State before joining the University of Michigan as a postdoctoral fellow. More recently, served as director of the Women's Mental Health and Infants Research Program at Michigan.



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**38: Gary Goforth, M.D.**

*Professor and program director,
FSU College of Medicine/Lee
Memorial Hospital Family
Medicine Residency Program*

Dr. Goforth joins the College of Medicine to develop the new family medicine residency program being established in partnership with the Lee Memorial Health System in Fort Myers. The program hopes to admit its first class of residents in 2013. Goforth previously was program director for a 30-resident and 19-faculty family medicine program in Greenwood, S.C.

Goforth, who was born in Hawaii, earned a degree in physics and later an M.D. from Vanderbilt University. He completed a family medicine residency program with the Tripler Army Medical Center in Honolulu. In addition, he earned a master's in Tropical Medicine & Hygiene at the Uniformed Services University of the Health Sciences in Bethesda, Md.

Dr. Goforth recently helped established a new family medicine residency program in Afghanistan to assist Afghani physicians in meeting their country's health-care needs.

39: Eric Laywell, Ph.D.

*Associate professor in the
Department of Biomedical
Sciences*

Best-known for studies demonstrating that certain astrocytes have the cardinal properties of neural stem cells,

Dr. Laywell lately has been investigating novel therapeutic approaches to treating brain tumors. As the author of more than 40 papers and book chapters, he also is an active grant reviewer for several organizations, including the National Institutes of Health.

Dr. Laywell earned a doctorate in neuroscience from the University of Tennessee College of Medicine and received additional postdoctoral training at the universities of Utah and Tennessee. He received numerous Exemplary Teacher awards as an assistant professor at the University of Florida prior to moving to Florida State. Dr. Laywell, who enjoys teaching gross anatomy and neuroscience to medical students, is assistant course director for clinical human anatomy, embryology and imaging.

He received a 2011 Brain Tumor Research Grant as chosen by a distinguished panel of independent reviewers from Johns Hopkins, Swedish Medical Center, Duke and the University of North Carolina.

40: Joan Meek, M.D.

*Associate dean for graduate
medical education*

Her previous College of Medicine affiliation was in the role of clerkship director for pediatrics with the medical school's Orlando Regional Campus. She will continue in that role, but has accepted the new position of associate dean for graduate medical education.

Dr. Meek, who also previously served as director of the pediatrics residency program at Orlando Health, will be based at the Orlando Regional Campus. In addition to her clerkship director responsibilities, she will serve as designated institutional official for the College of Medicine's four current residency programs plus any programs added in the future. The current programs are obstetrics-gynecology and pediatrics at Sacred Heart Hospital in Pensacola; Internal medicine at Tallahassee Memorial Hospital and family medicine at Lee Memorial Hospital in Fort Myers.

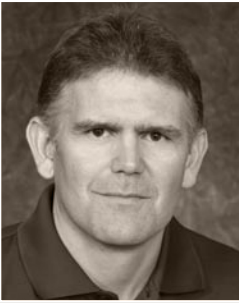
41: Michael Nair-Collins, Ph.D.

*Assistant professor in the
Department of Medical
Humanities and Social Sciences*

Dr. Nair-Collins specializes in bioethics and the philosophy of mind. His research addresses the ethical issues and public policies that surround disorders of consciousness and the nervous system, particularly brain death, the vegetative state and the minimally conscious state. He was recently awarded the First-Year Assistant Professor Grant from the Florida State University Council on Research and Creativity.

Dr. Nair-Collins holds a Ph.D. in philosophy from the CUNY Graduate Center in New York City and was an ethics fellow at the Mt. Sinai School of Medicine prior to accepting his current position at Florida State.

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42: José Pinto, Ph.D.

*Assistant professor in the
Department of Biomedical
Sciences*

Dr. Pinto is in the second year of a five-year, \$950,000 NIH grant studying whether slow skeletal muscle containing certain mutations develops skeletal abnormalities similar to those seen in the heart — and whether the function of skeletal muscle is altered.

Dr. Pinto earned a master's degree and Ph.D. in medical biochemistry at the Federal University of Rio de Janeiro. He was a professor of biochemistry, physiology and pharmacology at Faculdades Sao Jose in Rio de Janeiro for five years. More recently he served as an assistant professor of molecular and cellular pharmacology at the University of Miami Miller School of Medicine.

43: Niharika Suchak, M.D.

*Associate professor in the
Department of Geriatrics*

Less than a year after joining the College of Medicine faculty, Dr. Suchak was named Clinician of the Year by the American Geriatrics Society. She earned her medical degree in India and completed residency and fellowship training at Union Memorial Hospital in Baltimore. Dr. Suchak also earned a master's degree in clinical epidemiology from the Johns Hopkins University School of Hygiene and Public

Health. She is board certified in internal medicine, geriatric medicine and hospice and palliative medicine.

44: Gregory Todd, M.D.

*Associate professor and program
director, FSU College of
Medicine/Tallahassee Memorial
HealthCare Internal Medicine
Residency Program*

Dr. Todd is founding director of the new internal medicine residency program being developed in partnership with Tallahassee Memorial HealthCare. He previously was a physician and assistant professor in the Department of Medicine at State University of New York (SUNY) College of Medicine in Brooklyn. He also served as senior associate program director of the Maimonides Medical Center Internal Medicine Residency Program. Ninety-six residents currently train in that program.

Prior to embarking on a career in medicine, Dr. Todd worked in corporate and securities law.

45: Ed Valenstein, M.D.

*Adjunct professor in the
Department of Clinical Sciences*

In 2011, Dr. Valenstein published (as co-author) the fifth edition of his authoritative book, *Clinical Neuropsychology*. The book examines major neurobehavioral disorders associated with brain dysfunction and injury and is considered to be a vital resource for clinicians, investigators and students

in neurology, psychology, cognitive neuroscience, psychiatry and speech pathology.

46: Jinmin Zhu, M.D., Ph.D.

*Assistant professor in the
Department of Biomedical
Sciences*

A major theme in Dr. Zhu's research is the structure, genetics and function of opioid receptors in the brain. He has worked on cloning opioid receptors as part of research that has led to the development of opioid compounds with higher potency, specificity and reduced side effects.

Dr. Zhu previously was an instructor at Massachusetts General Hospital, Harvard Medical School, in developmental neurobiology. He and new College of Medicine faculty member Pradeep Bhide have discovered an anti-opiate that cancels the addictive qualities of the commonly used ADHD drug Ritalin. The resulting combination drug currently is in clinical trials.



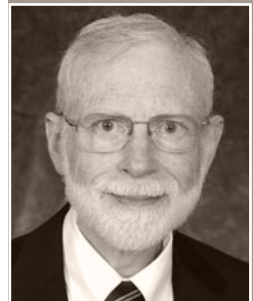
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RESEARCH: CARING (EFFECTIVELY) FOR CAREGIVERS

Not all research projects take place in the laboratory or in a clinical setting. That doesn't change the goal to improve lives.

Rob Glueckauf, Ph.D., professor of medical humanities and social sciences, understands the concept as well as anyone. His research seeks to find the best way to provide skills-building and support for caregivers.

In the United States, an estimated 36 million households have had an informal, unpaid caregiver present within the last year. Seventy percent of caregivers took care of an adult over age 50 for more than 20 hours a week.

Personal caregivers play a crucial role in states such as Florida, where nearly 20 percent of the population is expected to be over age 65 by 2015. Without in-home care provided by a family member or friend, Florida's hospitals, nursing homes and assisted-living facilities would be overwhelmed. Further, many patients do not have access to outside assistance and most often prefer to be at home, with a family member caring for them.

The toll on caregivers is substantial. An estimated 30-50 percent of dementia caregivers have clinically diagnosable levels of depression. Many are socially isolated and unable to get the support they need to protect their own health, so they can continue providing the best possible care for their loved one.

Sometimes, it may be a lack of transportation or inability to find the time to seek help. In other cases, the caregiver is under pressure to maintain privacy and keep family matters within the household.

In his ongoing African-American Alzheimer's Caregiver Training and Support (ACTS) study, funded by the National Institute of Mental Health, Glueckauf measures the most effective method of providing skills-building and support.

Specifically, he measures the effects over time of telephone-based versus face-to-face cognitive-behavioral intervention on depression and health status among African-American dementia caregivers.

Glueckauf's research has shown promising results. Caregivers receiving intervention by telephone reported significant improvements with depression and in their ability to handle challenging tasks, such as managing their loved one's difficult behaviors, including agitation, aggression and wandering. They also reported significant improvement with their own stress-related, physical symptoms and in overall perceptions about their own health.

Furthermore, they showed improvements equivalent to those who met as part of a traditional, face-to-face group. It's an important finding, because cognitive-behavioral counseling is less expensive to deliver over the telephone, and does not require caregivers to arrange for transportation and respite care for their loved ones.

Recently, Glueckauf held a counselors-and-caregivers reunion at the College of Medicine. Many of the participants knew each other, and their counselor, only by voice, having spoken only by phone.

The reunion, in which caregivers and counselors gave personal testimonials, was an emotional one.

"Without this training, I really don't believe I would have been able to help take care of my mom in an effective way," said caregiver Angie Isaac. "I just thank God that he had this program in place, because there are so many of us that just need somebody to talk to about the things that we're going through."



TEACHING: A GRANT THAT ENDURES

Teaching best practices in caring for older patients has been a College of Medicine priority since the beginning. This medical school includes a separate Department of Geriatrics, something found at no other school in Florida, which has the country's highest percentage of residents over age 65.

Yet, teaching concepts of geriatric care took on a new layer of emphasis over the previous five years through the implementation of a \$3 million grant from the Donald W. Reynolds Foundation.

Florida State shares the Reynolds Foundation vision of improving the quality of health care for older people by preparing physicians to address their special needs.

Lisa Granville, M.D., associate chair and professor in the Department of Geriatrics, served as the Reynolds grant principal investigator. Suzanne Baker was the grant coordinator.

The grant called for the medical school to support comprehensive projects meant to strengthen geriatric training for medical students, residents and the physicians who teach our students.

Among the results:

- Additional training provided through the doctoring and medicine and behavior courses for first-, second- and third-year students.
- Additional training provided in basic science courses such as anatomy, microanatomy, microbiology and pharmacology.
- New integrative content and experiences in all required clerkships for third- and fourth-year students.

- Geriatric-related content in objective, structured clinical exams (OSCEs) and formative OSCEs.
- Innovative new projects such as the Hospital Elder Life Program (HELP) to reduce delirium in older patients.
- The Senior Mentor project to connect medical students to elders in the community.
- The Senior Art program to both beautify the campus and demonstrate how staying active and involved fosters vitality and creativity in older members of the community.
- An annual "intergenerational" picnic for students and elders in the community.
- Production and implementation of the first educational video game to teach geriatric concepts.
- Teaching opportunities and seminars to strengthen collaboration with family medicine residents at Tallahassee Memorial Hospital.
- Faculty development programs for the Florida community physicians who teach our students in the clinical setting.
- Numerous elder-life service projects involving area residents and student learning communities.

"A total of 1,195 medical students, 84 residents, 272 faculty and 2,851 practicing physicians were impacted by the Reynolds grant," said Kenneth Brummel-Smith, M.D., chair of the Department of Geriatrics.

The lessons learned and the programs developed will continue to ensure that Florida State's alumni will understand how to address the special needs of older patients. In the process, they'll acquire skills and methods that will benefit patients of all ages.



Yanchang Wang, associate professor in the Department of Biomedical Sciences.

SERVICE: SHARING WHAT WE'VE LEARNED

“Why can’t I get a good night’s sleep anymore?”

“Why are my grandchildren driving me crazy?”

“Is there a pill I can take?”

In six sessions during the fall of 2011, Tallahassee-area seniors heard fascinating answers to these and other questions in a course taught by College of Medicine research and clinical faculty. The course, “In Sickness and in Health: The Marriage of Cell Biology and Medicine,” was part of the Osher Lifelong Learning Institute (OLLI) at Florida State University.

It’s an example of how the College of Medicine shares knowledge in the community beyond the doctor’s office and laboratory.

Service is a core philosophy rooted deep in the medical school’s mission.

It can be found in the mission-based admissions process that seeks to identify students called to the medical profession not because of what being a doctor could do for them. Rather, for what a service-minded student will be able to offer in the way of compassionate care for patients.

Student organizations within the medical school regularly engage in community service projects. Such projects range in scope from local health outreach efforts to the year-round focus of FSUCares, which combines learning and service opportunities in a coordinated attempt to improve the lives of the medically underserved.

Through OLLI and similar sessions, which the College of Medicine hopes to extend to its regional campuses, community members gain a rare opportunity to hear the combined perspectives of both a researcher and a physician/clinician.

One works with cells, the other with patients, and they don’t often interact.

“Getting both perspectives at the same time can be informative and entertaining,” said Yanchang Wang, associate professor in the Department of Biomedical Sciences. Wang helped organize the fall OLLI session, held at Westminster Oaks, a Tallahassee retirement community.

The idea for the course came from Wang and Kerry Maddox,



Ricardo Gonzalez-Rothi, M.D., chair of the Department of Clinical Sciences, introduces the OLLI lecture series.

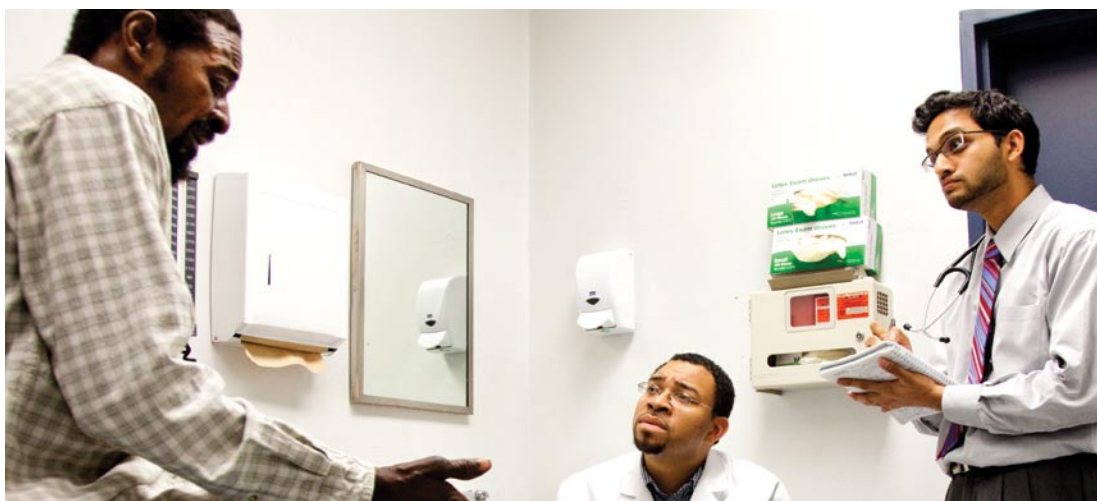
grants liaison in Biomedical Sciences. As Wang prepared a grant for the National Science Foundation and Maddox worked with various grant proposals, they both noticed that the NSF and other organizations are pressing researchers nationwide to do a better job of explaining to nonscientists the significance of their work and its public health benefits.

So they approached the chair of Biomedical Sciences, Richard Nowakowski, and the chair of Clinical Sciences, Ricardo Gonzalez-Rothi, who were both enthusiastic. The four worked together to fashion an interesting course and hit upon the idea of having topics presented by a pair of faculty members, one basic scientist and one clinician.

OLLI courses are taught at various times and locations throughout the year. For the Westminster Oaks session, there were six presentations taught over a six-week period:

- Introduction – Nowakowski and Gonzalez-Rothi.
- “The Man Who Mistook His Wife for a Hat (and Other Neurological Conditions)” – researcher Charles Ouimet and neurologist Ed Valenstein.

- “Help! My Grandchildren Are Driving Me Crazy!” – hyperactivity, drug addiction and the mental health of our youth, with researcher Pradeep Bhide and clinical psychologist Elena Reyes.
- “The Obesity Epidemic: How We Got Fat and What That Means for Our Bodies” – conversation with researcher Mike Overton and family physician J. Fogarty, dean of the College of Medicine.
- “Why Can’t I Get a Decent Night’s Sleep Anymore?” – the nitty-gritty of circadian rhythms, with researcher James Olcese and neurologist George Slade.
- “Is There a Pill I Can Take for This?” – how drugs are developed, with researcher Yanchang Wang and pathologist John Blackmon.



Kendall Campbell, M.D. (center), associate professor of family medicine and rural health, with a patient at Neighborhood Health Services. He's joined by medical student Vishal Dahya.

CARING FOR OUR NEIGHBORS

The people who teach College of Medicine students in the clinical setting are Florida's doctors. In communities across the state, they are the kinds of physicians who provide the majority of health-care services.

At the main campus in Tallahassee, the physicians who serve on our full-time faculty are focused on teaching and research. At the same time, many of them provide medical care in Tallahassee and surrounding communities to maintain their clinical skills, to continue doing what they love to do and for the educational opportunities it sometimes provides for first- and second-year students.

In most cases, full-time faculty members who keep part-time clinical hours are answering a specific community need. Dr. Jonathan Appelbaum, for example, provides medical care to HIV-infected patients at the Bond Community Health Center in Tallahassee and primary care at the Jefferson County Health Department. Appelbaum is a nationally recognized expert on the relatively new phenomenon of aging with HIV/AIDS.



Suzanne Harrison, M.D., teaching first-year medical students Sara Ghayouri (left) and Alexa Buchanan about caring for patients at Refuge House, which serves battered women, their children and sexual assault survivors.

Here is a partial list of where our full-time faculty physicians provide patient care in the Tallahassee area:

1:	<ul style="list-style-type: none"> • John Agens, M.D. • Jonathan Appelbaum, M.D. 	The Transition Center (geriatrics) Jefferson County Health Department Bond Community Health Center
2:	• Maggie Blackburn, M.D.	Gadsden County School-based Health Centers
3:	• John Blackmon, M.D.	Digestive Disease Clinic
4:	• Ken Brummel-Smith, M.D.	Geriatric Assessment Center at Westminster Oaks
	• Kendall Campbell, M.D.	The Transition Center (geriatrics) Neighborhood Health Services
5:	• Robert Campbell, M.D.	Madison County Health Department
6:	• Jose Diaz, M.D.	Digestive Disease Clinic
7:	• John P. Fogarty, M.D.	Neighborhood Health Services
8:	• John Giannini, M.D.	Southern Medical Group
9:	• Meredith Goodwin, M.D.	Thagard Student Health Center
10:	• Suzanne Harrison, M.D.	Thagard Student Health Center Refuge House
	• Susan LaJoie, ARNP	Gadsden County School-based Health Centers
11:	• Kathy Lee, M.D.	Colonial Management Group (psychiatric services)
12:	• Jacqueline Lloyd, M.D.	Medical director, RiverChase Care Center
13:	• 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, The Transition Center
14:	• José E. Rodríguez, M.D.	Neighborhood Health Services
	• Curtis Stine, M.D.	Thagard Student Health Center
	• Niharika Suchak, M.D.	TMH Transition Center (geriatrics)
	• Daniel Van Durme, M.D.	Madison County Health Department



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A team-based approach: the medical and nursing staff, along with licensed clinical social workers, work together to develop the best treatment plan.

FOUND IN TRANSITION: MORE TIME TO LISTEN

Common medical devices and accessories are no match for the old-fashioned telephone when it comes to providing optimal patient care at the Transition Center.

“If they need a health-care provider we will call one and make an appointment for them and give them that appointment before they leave here. That happens with about 99 percent of the cases,” said Dr. Stephen Quintero, assistant professor of family medicine and rural health at the College of Medicine and medical director of the Transition Center.

“Then whenever their appointment is, we have telephone managers who will call the patient and say, ‘What happened? Did you go to your appointment? You didn’t? Why not? No transportation? Okay, we’ll reschedule it for you and we’ll give you a bus voucher.’”

Simple, yet extreme measures in patient care. That’s what the Transition Center is designed to provide.

The center is a joint venture involving the College of Medicine, Tallahassee Memorial HealthCare and Capital Health Plan. It opened in February 2011 for myriad reasons, all of which lead to the same thing: Lots of people from all backgrounds fall through the cracks of the health-care system.

In Florida, more than 18 million residents don’t have health insurance and don’t have a primary health-care provider. When they need medical care, many of them end up in the emergency room.

At TMH, as with most hospitals in the United States, a percentage of patients are frequently readmitted to the hospital not long after being discharged. Often their quick return is predictable.

There has to be a good reason for that. In fact, there are good reasons.

TMH Chief Medical Officer Dean Watson envisioned the Transition Center as a way to address the causes for frequent readmission. Patients seen at the center include adults who were hospitalized at TMH and at discharge met at least one of the following criteria:

- Did not have a primary care provider.
- Did not have health insurance.
- Could not get a follow-up appointment with a physician within seven days.
- Had been hospitalized three or more times over the previous 12 months.

“We go through a big effort in admitting someone to the hospital in America,” Quintero said. “All medical students learn there is a set of orders you write. They have all kinds of acronyms and cute mnemonics to remember them so you don’t forget. It’s very specific.

“But the discharge of a patient? It’s basically, “Discharge to home, follow up with Doctor X.”



Steve Quintero, M.D., assistant professor of family medicine and rural health at the College of Medicine, is the Transition Center's medical director.

That's where problems often begin.

Patients don't always remember the instructions they received about taking medications. They don't make the appointment to go see Doctor X or can't get an appointment soon enough. Maybe they don't have a way to pay for it. Maybe they don't have transportation. Maybe they're afraid of missing another day of work.

The root cause of the hospitalization remains. Without proper follow-up, the problem worsens and it's back to the hospital.

Follow-up is the Transition Center's specialty.

Quintero, a family physician, is joined by Nurse Practitioner Judy Griffin and a team of social workers, whose role is critical to the center's success.

The team makes sure that the patient shows up for the visit, helping to resolve transportation issues when necessary. For example, the start times for appointments at the Transition Center are coordinated with the city's bus schedule.

Once the visit takes place, the team meets to discuss what needs to be done to ensure the best possible health outcome. That could be help getting prescriptions filled, help with lab work and arranging physical therapy and other needed medical services. Or it could mean identifying social service agencies in town that offer the kind of assistance a patient needs to continue recovery.

Sometimes the team finds that an older patient lives alone, has no transportation and isn't able to prepare meals on a regular basis. That might cause problems for someone who is supposed to be taking a medication with meals.

So the Transition Center team might sign the patient up for Meals on Wheels through Elder Care Services in Tallahassee.

In fact, many of the patients who are susceptible to being readmitted not long after hospital discharge are older. For that reason, the College of Medicine established a geriatrics clinic at the Transition Center in April.

Dr. Ken Brummel-Smith, chair of the medical school's Department of Geriatrics, and Dr. John Agens, geriatrics education director, see patients at the Transition Center one day a week. Often, they bring with them fourth-year med students who are working on their geriatrics rotation.

Regardless of age, the patients benefit from the extra attention.

"We're not primary care: we don't see people back over and over and over for the rest of their life, because then we'd be doing what everyone else does, which is to kind of provide a Band-Aid for most of them," Quintero said.

"We see them back as often as we need to and we see a lot of people until they get into the final solution – a medical home in the community and a plan for what to do when they have problems."



EXPLORING NEW BOUNDARIES

After years of planning, the Florida State University College of Medicine Clinical Research Network became a reality in 2011.

It also got a logo so that health-care practitioners across Florida will come to instantly recognize the brand behind the network. “Our hope is they will associate it with the outstanding partnership we’ve developed in building our community-based model of medical education,” said Michael Muszynski, M.D., associate dean for clinical research.

That partnership extends to more than 90 hospitals, clinics and health-care centers, and to nearly 2,100 Florida physicians who have contracted with the College of Medicine for the clinical teaching of our medical students.

So how did we arrive at this logo, featuring a double space station symbol?

The idea came from Myra Hurt, senior associate dean for research and graduate programs at the College of Medicine and a distinguished researcher in her own right. She chose it because, just as the space station symbolizes new frontiers in space exploration, our Clinical Research Network is about breaking through traditional boundaries.

While most medical research takes place in the lab, there is a push behind taking it out into the community setting, where most health care is provided. Already, that’s been the successful strategy for our medical education program, which places students at the front lines of our health-care system.

The larger rings of the logo depict development of the research network in the image of our community-based educational model. The central hub of the network is the College of Medicine’s main campus in Tallahassee, where our new Clinical Translational Research Laboratory opened in 2011.

Collectively, these elements will take translational research from the lab and academic start-ups to medical practices at the community level.

“The approach has amazing potential for bringing new treatments and technologies to where most patients get their care,” Muszynski said. “We anticipate that, as the network gains capacity, studies also will originate at the practice level and will relate to the rest of our network and to translational research programs at our main campus.”

For more information about how community faculty can participate in the FSU Clinical Research Network, visit med.fsu.edu/CRN



A COLLABORATION FOR FLORIDA

The first collaborative effort involving the College of Medicine's Clinical Research Network also began in 2011. Through a formal affiliation with the University of Florida Clinical Translational Science Institute (CTSI), the network began recruiting Florida physicians for two pilot studies.

The first is an adolescent health risk assessment, which uses a survey resource applied to adolescent patients to predict risk behavior. The second study is for sport-related concussion surveillance and management. That study will test the feasibility and applicability of a proven concussion prediction and management tool at the level of the primary care physician and practice.

So far, 68 Florida physicians who teach FSU medical students during pediatrics and family medicine rotations have joined these new studies. Those physicians are located at 30 medical

practices spanning three of the College of Medicine's six regional campus communities.

UF's CTSI is funded by a national Clinical Translational Science Award grant. Together, the FSU College of Medicine and UF received an additional \$600,000 grant through the New Florida 2010 Scholar's Clustering Grant Program by the State University System Board of Governors.

The joint effort with UF is called health IMPACTS.

Additional studies are under consideration for the collaboration. Included is a closer look at how patients utilize emergency departments at Florida hospitals located in the communities where FSU and UF have campuses, diagnosing the socioeconomic factors that lead to emergency room use.

**health
IMPACTS** FOR FLORIDA
A UF-FSU Collaboration Integrating Medical Practice
and Community-based Translational Science



Pradeep Bhide, left, and Jinmin Zhu in their new lab at the College of Medicine.

DISCOVERING COLLEGE OF MEDICINE RESEARCH

The College of Medicine's burgeoning research program had a humble beginning in 2002 with a handful of scientists and temporary lab space. Today, the college is home to some of the best and brightest researchers in the United States and

world. Research at the college now accounts for more than 20 percent of the total research funding at Florida State University. In 2011, the college was fortunate to attract several new dynamic researchers to its faculty. Among them:

Name	Previous institution	Research focus
Michelle Arbeitman, Ph.D.	Univ. of Southern California	How are complex behaviors specified by genes?
Pradeep Bhide, Ph.D.	Harvard Medical School	The brain, its development and regulatory mechanisms
Heather Flynn, Ph.D.	University of Michigan	Depression and disparities in mental health care
Eric Laywell, Ph.D.	University of Florida	Novel approaches to treating brain tumors
Michael Nair-Collins, Ph.D.	Mt. Sinai School of Medicine	Brain death and the vegetative state
José Pinto, Ph.D.	University of Miami	Skeletal muscle mutations
Jinmin Zhu, M.D., Ph.D.	Harvard Medical School	The brain and opioid receptors

Note: The College of Medicine successfully recruited Dr. Bhide with the support of private and state funding that is expected to have a dramatic impact both in the reach of his work and the economic impact of his presence. A 'Boost' grant from the State University System Board of Governors helped, and a private gift allowed for him to become the first occupant of the Betty Ann and Jim Rodgers Eminent Scholar Chair of Developmental Neuroscience. Bhide brings with him a team of researchers from Harvard, including Dr. Zhu, Assistant Scholar Deirdre McCarthy and Lab Assistant Kevin Lee.

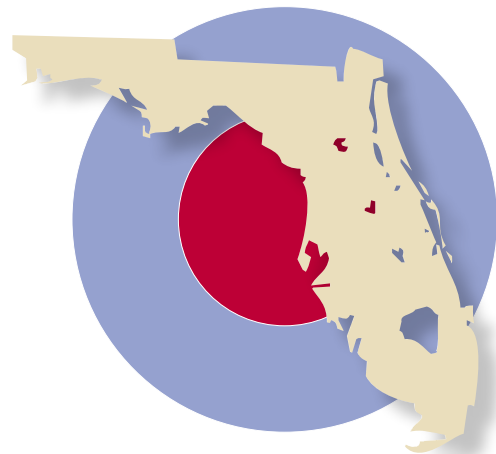


Heather Flynn, Ph.D., discussing her research during a seminar sponsored by the Department of Medical Humanities and Social Sciences.

RESEARCH MAKING AN IMPACT

Saving lives and improving quality of life are the aims of the Florida State University College of Medicine's growing research program. Those objectives bring with them a significant economic impact, both in the productivity of those whose lives are touched by important medical discoveries and by the investment of materials and manpower in the research enterprise. In 2011, the Association of American Medical Colleges enlisted the help of its member schools and hospitals to measure the impact of publicly funded research. The data, analyzed by the consulting firm Tripp Umbach, shows that for every dollar invested in research at medical schools and teaching hospitals, \$2.60 of economic activity occurs. Applying that measure to the College of Medicine's contract and grant activity in 2011 shows the medical school's research program generated \$96.5 million in economic impact.

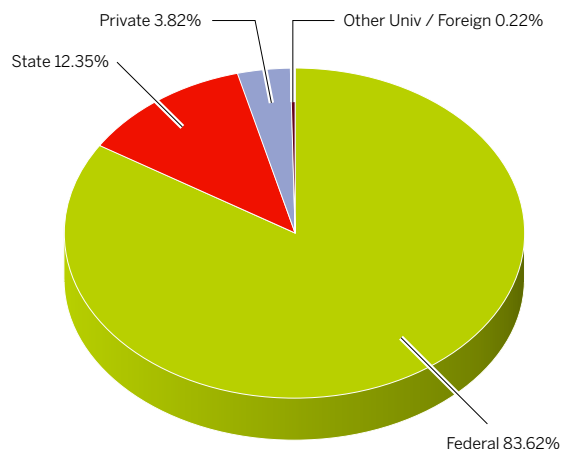
2011 Impact of FSU College of Medicine research in Florida

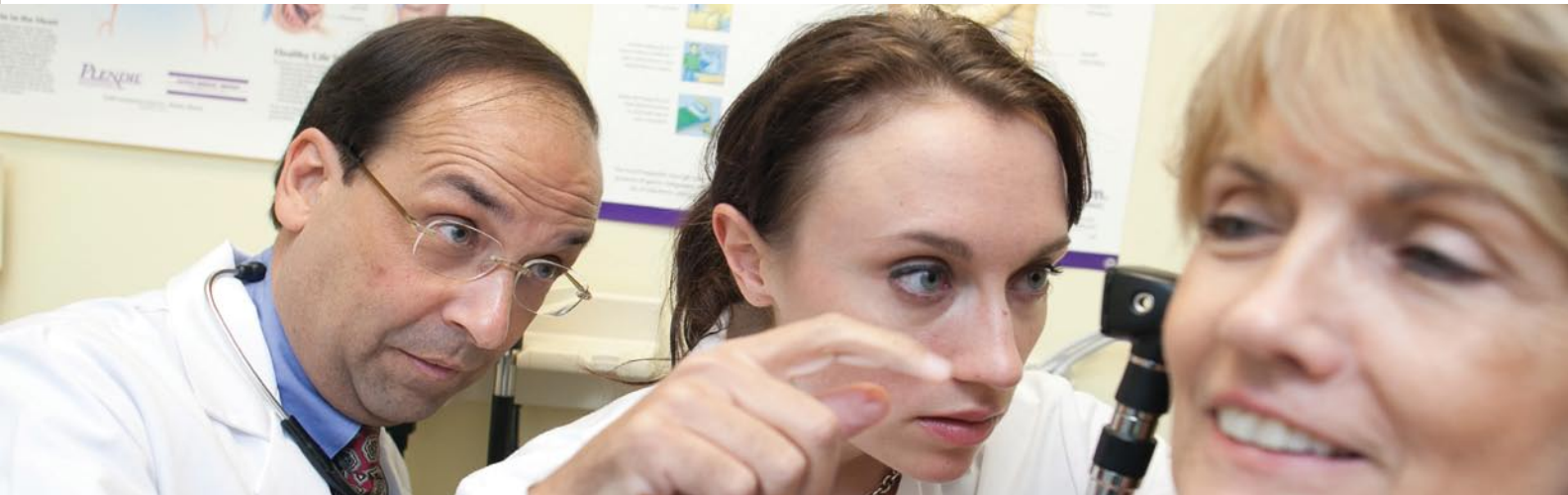


- **\$37.1 million** (funded contracts and grants – 2011).
- **\$96.5 million** (economic impact in Florida – 2011).

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

Funded grants and contracts by type (2011)





One-on-one access to experienced physicians defines the College of Medicine's community-based model. Dr. Paul Gaeta (left) teaching third-year student Diana Marchese at Martin Memorial Medical Group in Stuart, Fla.

COMMUNITY PHYSICIAN/FACULTY

If you ask the deans of the College of Medicine's six regional campuses why this new model for medical education has worked so well, they'll all say the same thing: the faculty.

It was a novel idea: have practicing physicians take on third- and fourth-year students almost as apprentices at their offices, clinics and other venues, giving them the one-on-one wisdom and hands-on opportunities they wouldn't get at a large academic medical center. The only catch, of course, was whether these physicians would have the time.

Amazingly, nearly 2,100 have found the time. More important, they have become excellent teachers during students' required rotations in family medicine, internal medicine, pediatrics, surgery, obstetrics-gynecology, geriatrics, psychiatry and emergency medicine, plus electives. Thanks to them and to the clerkship directors, College of Medicine students have excelled on national exams of clinical knowledge and skills. (See

Page 43.) And for their part, the faculty members say that teaching not only makes them sharper physicians but also rejuvenates their enthusiasm for practicing medicine.

Each year, each campus hands out two faculty awards. One is for teaching excellence. The other is for modeling the College of Medicine's mission: to "educate and develop exemplary physicians who practice patient-centered health care, discover and advance knowledge and are responsive to community needs, especially through service to elder, rural, minority and underserved populations."

On the following pages are the most recent honorees.

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/?page=home.campuses

DAYTONA BEACH REGIONAL CAMPUS

1200 W. International Speedway Blvd., Bldg. 600, Suite 101
Daytona Beach, FL 32114
med.fsu.edu/daytona

“Our successful 2011 reaccreditation strongly validated that our practicing physicians are great teachers, role models and mentors for medical students. We continue to expand our legacy as the Daytona Beach Regional Campus matures. We graduated our third class and now count 43 alumni from this campus in postgraduate medical training across the nation. Several are rapidly approaching the final years of their residency. When I pestered one graduate about possibly returning to the area to practice, he got serious and answered, ‘I would love to come back to the Daytona area to practice. If I do not come back, I can only hope I can practice in a community with the caliber of physicians and the collegiality of the medical community that I saw when I was in school at Daytona.’”

Luckey Dunn, M.D., Campus Dean

Luckey Dunn, M.D., Campus Dean
luckey.dunn@med.fsu.edu
Andrea Leech, Campus Administrator
andrea.leech@med.fsu.edu
386-252-0601

As of Dec. 31, 2011:

Third-year students at Daytona Beach campus:	19
Fourth-year students at Daytona Beach campus:	23
Total number of College of Medicine graduates so far:	450
Graduates who trained at Daytona Beach campus:	43
Daytona Beach campus physician/faculty members:	266

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 www.med.fsu.edu.



Guardian of the Mission Award

Lane Jennings, M.D.
Family medicine
East Volusia Family Practice – Port Orange
Faculty member since 2007

One way Dr. Jennings serves the medically underserved is through his occasional “unofficial clinic” at day’s end. He sees primarily addicts, generally for minor medical problems. Most are unemployed or in jobs with no insurance, and they appreciate the free, no-hassle medical care. “There are so many intangible aspects of medicine that Dr. Jennings displays,” one fourth-year student said, “and I value the time I spent with him.”



Outstanding Community Faculty Educator Award

Paul Mucciolo, M.D.
Emergency medicine
Halifax Emergency Physicians
Faculty member since 2009

One of his fourth-year College of Medicine students put it best when he said that Dr. Mucciolo treated everyone with the utmost respect and always emphasized the importance of the team, including the nurses and techs. The student also said that Dr. Mucciolo treated everyone the way he himself would want to be treated, even in the high-pressure world of the emergency room.

FORT PIERCE REGIONAL CAMPUS

2498 S. 35th St., Fort Pierce, FL 34981

med.fsu.edu/ftpierce

"This report contains the names of the Very Important Persons (VIPs) for the Fort Pierce Regional Campus. The faculty list includes more than 240 people who give their time and effort to teach our medical students. We are most grateful to them, their office staffs and their patients. In addition, this educational program could not succeed without the help of the Community Board, the clerkship directors, and the hospitals and communities of the Treasure Coast. They, too, are named inside. Along with the faculty, they are the ones who make this partnership work so well. To each of them we say a heartfelt 'Thank you,' and we look forward to many more years of working together to produce patient-centered, community-based physicians for the 21st century."

Randall Bertolette, Campus Dean

Randall Bertolette, M.D., Campus Dean

randall.bertolette@med.fsu.edu

Beth Strack, Campus Administrator

elizabeth.strack@med.fsu.edu

772-464-0034

As of Dec. 31, 2011:

Third-year students at Fort Pierce campus:	17
Fourth-year students at Fort Pierce campus:	18
Total number of College of Medicine graduates so far:	450
Graduates who trained at Fort Pierce campus:	36
Fort Pierce campus physician/faculty members:	243

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 www.med.fsu.edu.

Steven Martine Photography



Guardian of the Mission Award

George Fyffe, M.D.

Obstetrics/gynecology

Partners in Women's Health, Vero Beach

Faculty member since 2008

Dr. Fyffe has been a clinical assistant professor since 2008, teaching third-year students at his office and Indian River Medical Center. His clerkship director described him as "a soft-spoken gentleman. He is able to direct his teachings to the learner's needs, without minimizing them. His career path has directed him to those patients with the least voice and, often, the greatest need. He is an excellent role model for our students."



Steven Martine Photography

Outstanding Community Faculty Educator Award

Jimmy Lockhart, M.D.

Physical Medicine and Rehabilitation

HealthSouth Rehabilitation Hospital, Vero Beach

Faculty member since 2007

This 15-year, decorated U.S. Army sergeant first class has taught fourth-year students in their geriatrics clerkship since 2007 and is one of the students' favorite instructors. He is down-to-earth and practical and has a sense of humor that makes the experience both educational and fun. His clerkship director calls him "a valued and trusted resource for our fourth-year students" and says he enthusiastically volunteers to help with guest lectures.

ORLANDO REGIONAL CAMPUS

250 E. Colonial Drive, Suite 200, Orlando, FL 32801

med.fsu.edu/orlando

“When our clinical teaching model was originally proposed, skeptics had a field day. Utilize community physicians for clinical teaching, at six campuses and three rural sites across the state? Surely, they said, community models couldn’t meet rigorous academic standards. Now these critics applaud Florida State’s amazing outcomes. Our students have excelled on objective measures of learning and clinical abilities at levels far beyond predictions and well above national averages. The Orlando Regional Campus and its more than 500 community faculty are a major part of that success. The FSU College of Medicine Clinical Research Network now is tapping into the vast practice-based clinical research potential created by our successful education model. Our accomplishments have redefined how medical education can produce outstanding graduates and improve the health of Florida’s diverse communities.”

Michael Muszynski, M.D., Campus Dean

Michael Muszynski, M.D., Campus Dean

michael.muszynski@med.fsu.edu

Leeann Parker, Campus Administrator

leeann.parker@med.fsu.edu

407-835-4103

As of Dec. 31, 2011:

Third-year students at Orlando campus:	22
Fourth-year students at Orlando campus:	23
Total number of College of Medicine graduates so far:	450
Graduates who trained at Orlando campus:	119
Orlando campus physician/faculty members:	521

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 www.med.fsu.edu.



Outstanding Community Faculty Educator Award

Pinkal Patel, M.D.

Family medicine

Oviedo Family Health Center

Faculty member since 2003

Dr. Patel embodies the College of Medicine’s ideal clinical teacher. Not only does he mold students’ clinical skills, but also he shows them that professionalism and community involvement extend beyond a physician’s practice. He recruits and participates in mission trips, coaches Little League soccer and has organized a local group of physicians from the Indian subcontinent. He is an outstanding example for College of Medicine students.



Mission Award

Mark Weatherly, M.D.

Pediatrics

Arnold Palmer Hospital

Faculty member since 2003

Dr. Weatherly has touched everyone who knows him through a warm, caring approach and his long history of going far beyond the call of duty for the benefit of patients and their families. His personal efforts, clinical practice and volunteer accomplishments locally and internationally underscore key aspects of the College of Medicine’s mission to deliver patient-centered health care, advance knowledge and respond to community needs.

PENSACOLA REGIONAL CAMPUS

8880 University Parkway, Suite A, Pensacola, FL 32514-4911

med.fsu.edu/pensacola

"It is hard to believe that seven classes of students have already graduated from the FSU College of Medicine. Thanks to our local physician faculty, the Pensacola Regional Campus graduated its 96th student in May 2011. Behind those numbers lies the story of a medical community coming together to establish the next generation of physicians for Florida. Untold hours of work on our students' part have proved they have what it takes to be compassionate, patient-centered physicians, many serving in communities that need physicians more than ever. The loyal community faculty members are dedicated to lifelong learning in their quest to educate our students and bring valuable knowledge to the care of their patients. In the coming years, many more students will graduate and pursue their dreams as a result of our community-based model of medical education. Nothing could be more important for our students, our physician faculty members and the community they serve."

Paul McLeod, M.D., Campus Dean

Paul McLeod, M.D., Campus Dean

paul.mcleod@med.fsu.edu

Jennifer Rine, Campus Administrator

jennifer.rine@med.fsu.edu

850-494-5939

As of Dec. 31, 2011:

Third-year students at Pensacola campus:	21
Fourth-year students at Pensacola campus:	19
Total number of College of Medicine graduates so far:	450
Graduates who trained at Pensacola campus:	96
Pensacola campus physician/faculty members:	299

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 www.med.fsu.edu.

Steven Rine



Mission Award

Emilio Antonetti, M.D.

OB-GYN

Faculty member since 2005

Our medical students learn one-on-one from experienced community physicians, so they're in the perfect position to recommend which faculty members deserve top honors. "Dr. Antonetti practices exemplary patient care," one student wrote. "He is an ardent patient advocate and enjoys the teaching experience. He is what's right with medicine and is a wonderful example to every student of what the practice of medicine is all about."

Steven Rine



Outstanding Community Educator Award

James Binkard, D.O.

Family medicine

Faculty member since 2007

For 28 years Dr. Binkard has been the paragon of patience with patients, always listening. He teaches as he practices, listening, discussing, then demonstrating the use of those skills and knowledge as a true advocate for patients. As one student said, "He is the exact kind of physician I hope to be one day. He has a lot more than medicine to teach."

SARASOTA REGIONAL CAMPUS

201 Cocoanut Ave., Sarasota, FL 34236

med.fsu.edu/sarasota

"The Sarasota Regional Campus continues to prosper, and our community is beginning to realize the benefits. Our clinical physician faculty and partner organizations have worked with us to implement a powerful mentorship that has nurtured both professional and personal growth in our students. Our goal is to return our students to Sarasota after their residency training as exemplary physicians who provide patient-centered care to our community. Already, we have had several students return as primary care physicians to practice medicine in Sarasota and the surrounding communities. We are also creating a scholarship fund to help defray student debt. In addition, we are establishing translational clinical research in concert with our other regional campuses and the central campus in Tallahassee. And we are revising our curriculum to incorporate new technology and new thinking. I am confident that, with the help of our clinical partners, we will succeed in accomplishing these goals as we continue to move into the 21st century."

Bruce Berg, M.D., Campus Dean

Bruce Berg, M.D., Campus Dean

bruce.berg@med.fsu.edu

Darlene Sparks, Campus Administrator

darlene.sparks@med.fsu.edu

941-316-8120

As of Dec. 31, 2011:

Third-year students at Sarasota campus:	20
Fourth-year students at Sarasota campus:	19
Total number of College of Medicine graduates so far:	450
Graduates who trained at Sarasota campus:	72
Sarasota campus/Immokalee physician/faculty members:	332

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 www.med.fsu.edu

Greg Dechow



Outstanding Community Faculty Award

Russell W. Novak, M.D.

Surgery

Faculty member since 2005

Dr. Novak's strengths as an educator include a genuine enthusiasm for teaching and the ability to assess each student's needs. To the extent that their abilities permit, he allows students to participate in the operating room. He encourages them to develop differential diagnosis skills and to learn pre-, peri- and postoperative patient management. Dr. Novak is an excellent role model for students: thoroughly professional, highly accomplished, well-respected but also humble.



Greg Dechow

Advancing the Mission Model Award

Jennifer Mayer, M.D.

**Pediatric Physician Services/All Children's Hospital
at Sarasota Memorial Hospital**

Faculty member since 2005

Dr. Mayer was instrumental in developing the All Children's Pediatric Program at Sarasota Memorial Hospital, where she currently is its director. The program allows very sick children to be hospitalized locally and serves both insured and uninsured patients, filling a critical gap in the care of our most vulnerable residents. Dr. Mayer's enthusiasm for teaching is obvious, as is her dedication to the practice of medicine and the care of children.

TALLAHASSEE REGIONAL CAMPUS

3331 Capital Oaks Drive, Tallahassee, FL 32308

www.med.fsu.edu/Tallahassee

“The Tallahassee Regional Campus continues to function at a high level in achieving the FSU College of Medicine’s mission to educate and develop exemplary physicians who practice patient-centered medicine and are active in serving their communities. These outstanding results are being achieved through the partnerships of mutual discovery that exist between our bright, dedicated medical students and the many excellent community physicians who are investing of themselves, alongside the College of Medicine, in medical education. In addition, many institutional and community partners have opened their doors to provide invaluable educational and service experiences for our medical students. Together, we are exceeding expectations and providing an innovative model of medical education for the country.”

Ronald Hartsfield, M.D., Campus Dean

Ron Hartsfield, M.D., Campus Dean

ronald.hartsfield@med.fsu.edu

Elaine Geissinger, Campus Administrator

elaine.geissinger@med.fsu.edu

850-645-1232

As of Dec. 31, 2011:

Third-year students at Tallahassee, Thomasville and Marianna:	19
Fourth-year students at Tallahassee campus:	15
Total number of College of Medicine graduates so far:	450
Graduates who trained at Tallahassee campus:	82
Tallahassee campus/Marianna physician/faculty members:	436

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 www.med.fsu.edu.



Mission Model Award

Larry Deeb, M.D.

Pediatrics

Faculty member since 2004

His campus dean said Dr. Deeb has demonstrated leadership in local, national and international organizations dedicated to children’s health, with special focus on diabetes. He has received what many consider the highest local honor from his peers: the Capital Medical Society Outstanding Physician Award. One of his medical students said: “He is a wonderful role model as a physician and one of our greatest assets at FSU. Don’t ever let him go!”



Outstanding Community Educator Award

Satish Mital, M.D.

Internal medicine

Southern Medical Group

Faculty member since 2001

Dr. Mital’s commitment to teaching, his knowledge and his willingness to encourage and mentor our students are widely recognized by his students and peers. This student summed it up well: “He has enthusiasm for teaching, a willingness to spend the extra time in discussion with us and treats all students with respect while providing the freedom we need to gain confidence to become more independent. He ALWAYS took the time to explain things to me.”





A MODEL OF SUCCESS

The physicians featured on the preceding pages are examples of the teachers and mentors who provide one-on-one access for our third- and fourth-year students. Instead of learning primarily from medical residents, College of Medicine students are afforded opportunities that even some residents don't receive.

The community-based model continues to produce results that demonstrate the College of Medicine's commitment to its mission. Not only do the community physicians provide unparalleled access that results in unique learning opportunities, but they provide mentorship that allows our students to better understand the life of a physician. In the

end, the mentorship is a valuable tool in helping College of Medicine students choose a specialty that fits, while also developing a greater understanding of the impact a community physician makes in a patient's life.

Over the next six pages, you'll see data that illustrate the experiences third- and fourth-year students received in 2011, followed by results from the United States Medical Licensing Exam (USMLE) Step 1 and Step 2. These results illustrate how College of Medicine students have fared in comparison to students from 132 other AAMC-member medical schools.

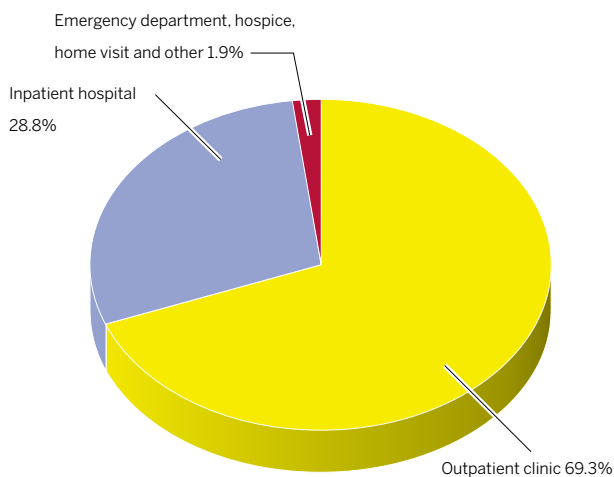


DURING THE THIRD YEAR

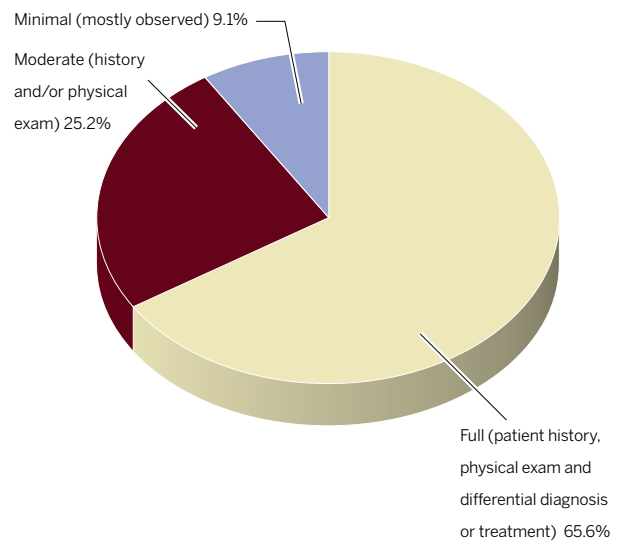
(Class of 2012)

Third-year students in the Class of 2012 participated in 130,926 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	Encounters
Surgery	118	220	25,959
Internal medicine	116	189	21,953
Ob-gyn	115	177	20,364
Family medicine	116	163	18,933
Psychiatry	117	153	17,984
Pediatrics	116	148	17,145
Doctoring 3 (longitudinal)	115	75	8,588
All courses	122	1,073	130,926

Third-year student Felicia Blais gets feedback from Harold Bland, M.D., professor of clinical sciences and pediatrics education director, after a Formative Objective Structured Clinical Exam in Pensacola.

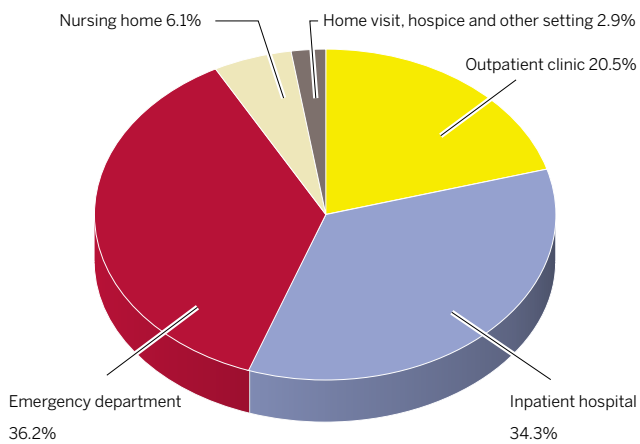


DURING THE FOURTH YEAR

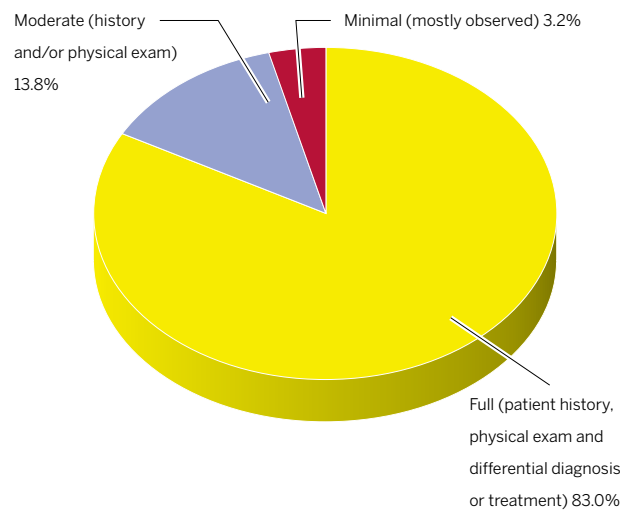
(Class of 2011)

Fourth-year students in the Class of 2011 participated in 38,209 patient encounters over the course of an entire academic year. Here are details about those encounters:

WHERE THEY SAW PATIENTS



LEVEL OF CARE



PATIENT ENCOUNTERS

Clerkship	Number of students	Avg. encounters per student	Encounters
Emergency medicine	114	117	13,317
Advanced family medicine	115	87	9,990
Advanced internal medicine	114	75	8,567
Geriatrics	114	56	6,335
All courses	115	332	38,209

Andrew Cooke (Class of 2011) celebrates the good news at Match Day.



A NATIONAL COMPARISON

From the beginning the College of Medicine has built its student body through a belief that character and a desire to serve are the most important attributes in trying to determine who has the potential to become a competent and compassionate physician.

Traditionally, medical schools have looked at MCAT scores and grade-point averages as the best predictors of success in medical school.

The College of Medicine has challenged that notion, and 11 years later there is evidence to support the idea that a more humanistic approach to evaluating applicants is best. That's the approach the college has pursued through its mission-based admissions policy.

The approach is credited with helping the College of Medicine find success in meeting its mission to produce more physicians who will care for the medically underserved. But there's plenty of data to demonstrate how well applicants admitted through a mission-based approach stack up

academically against students at other medical schools in the United States and Canada.

All students at M.D. programs are required to take the standardized United States Medical Licensing Exam (USMLE). The charts on page 44 show the comparison, but also show how MCAT scores would have failed to predict the academic success of FSU College of Medicine students.

“Overreliance on the MCAT would eliminate many of our successful students – students with personal characteristics that patients value most in their physicians,” said Lynn Romrell, associate dean for medical education, evaluation and assessment. “The Association of American Medical Colleges’ own data show that 94 percent of students with scores in the lowest levels will pass the USMLE. Our students exceed the national average pass rates as first-time takers on all three steps of the exam.

“We can take pride in the accomplishments of our students.”

“Overreliance on the MCAT would eliminate many of our successful students – students with personal characteristics that patients value most in their physicians.”

U.S. MEDICAL LICENSING EXAM

MEAN OVERALL SCORE FOR FIRST-TIME TAKERS

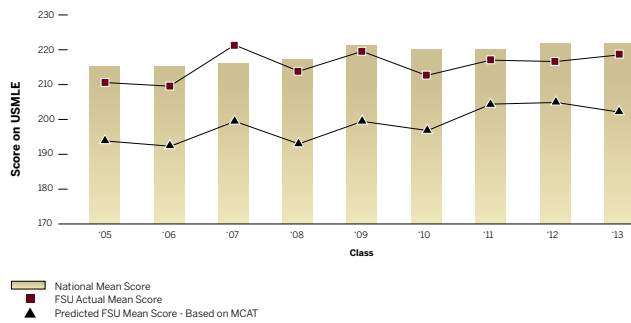
USMLE Step 1

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

Pass rate

FSU: 94 percent

All other U.S. and Canadian: 93 percent



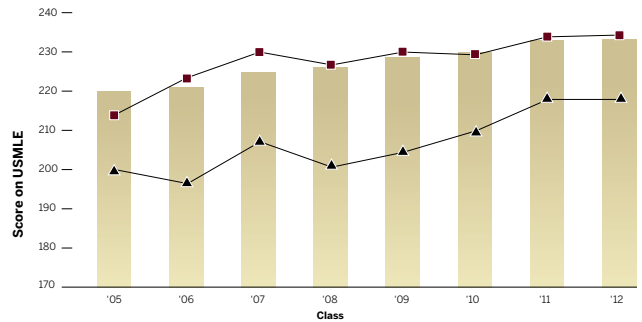
USMLE Step 2

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

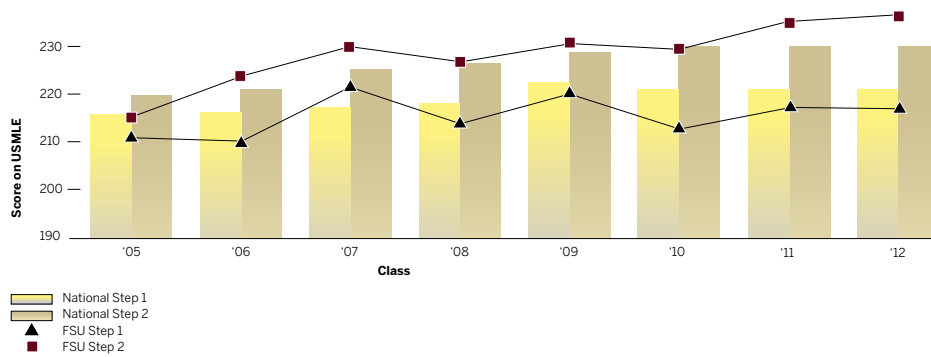
Pass rate

FSU: 98 percent

All other U.S. and Canadian: 95 percent



COMPARING USMLE STEP 1 VS 2— CLINICAL KNOWLEDGE



FIRST-TIME TAKERS	CLASSES								AVERAGE
	'05	'06	'07	'08	'09	'10	'11	'12	
National Step 1	216	216	217	218	222	221	221	222	219.1
National Step 2	220	221	225	226	229	230	233	233	227.1
FSU Step 1	211	210	222	214	220	213	218	217	215.6
FSU Step 2	215	224	230	227	231	230	235	235	228.4
National Increase Step 2 vs Step 1	4	5	8	8	7	9	12	11	7.6
FSU Increase Step 2 vs Step 1	4	14	8	13	11	17	17	18	12.0



SUMMER DREAMS, TOMORROW'S PHYSICIANS

Addressing disparities in Florida's physician workforce requires starting early – long before a medical school's admissions process begins. At the Florida State University College of Medicine, part of that effort is a summer “mini med school” for high-school students.

In 2011 the College of Medicine got some help from people and organizations who understand the importance of knowing where the physicians of tomorrow will come from. Individuals and companies across the state stepped up to provide scholarship assistance for high school students to attend one of the college's three Summer Institute sessions.

The College of Medicine's six regional campuses – in Daytona Beach, Fort Pierce, Orlando, Pensacola, Sarasota and Tallahassee – invite students from their area high schools to apply. Sixty-one students participated, including 23 from Leon and counties surrounding Tallahassee.

The weeklong sessions, for rising juniors and seniors, provide an inside look at what it means to be both a doctor and a medical student.

Participants shadow physicians and medical students, visit rural health centers and get college testing and application advice. They also attend faculty lectures on topics such as medical ethics, migrant health care and doctor-patient relations. In several activities, the participants go through training similar to what real med students receive.

The focus on minority recruitment stems from the college's founding mission to help train physicians for Florida's traditionally underserved populations. A 2007 study indicated that fewer than 5 percent of Florida's practicing physicians are African-American and 15 percent are Hispanic. By contrast, the U.S. Census Bureau classifies nearly 16 percent of Florida's overall population as African-American and more than 20 percent as Hispanic. As Florida's population continues to grow and its number of practicing physicians declines, people who were underserved from the beginning suffer all the more.

By identifying students with the potential to become a physician the College of Medicine seeks to provide encouragement and support for the realization of that goal. Ultimately, the winners may be Florida communities with a great need for physicians who will care for the medically underserved.

Here's evidence the program is working: Twenty-six participants from the summers of 2010 and 2011 now are enrolled in a university premed or pre-health academic program.

SUMMER INSTITUTE SPONSORS

Capital Health Plan

The Immokalee Foundation

U.S. Rep. Vern Buchanan

The Robert F. and Eleonora W. McCabe Foundation

Peterson Bernard Attorneys at Law

A BRIDGE TO MEDICAL SCHOOL

As the nation continues to diversify, it's clear that the physician workforce needs to follow suit.

Wanting to enroll more minority students is not enough. Because students from such backgrounds don't always get the same encouragement to pursue a career in medicine, or because economic disparities may keep some from even considering it, the pool of qualified applicants is not always as deep as it could be.

The Florida State College of Medicine doesn't leave diversification to chance. Through a number of outreach programs, the college seeks to increase the number of students from underrepresented backgrounds who are in the pipeline to medical school or to a career in health.

Included are pre-college (as early as seventh grade) and college programs. The final step in the College of Medicine's successful outreach effort is the metaphorical Bridge to Clinical Medicine.

Through Bridge, students with potential to be the competent, compassionate physicians Florida needs get the chance to

prove it. The Bridge program is designed to expand the pool of successful medical school applicants from medically underserved, rural and inner-city communities.

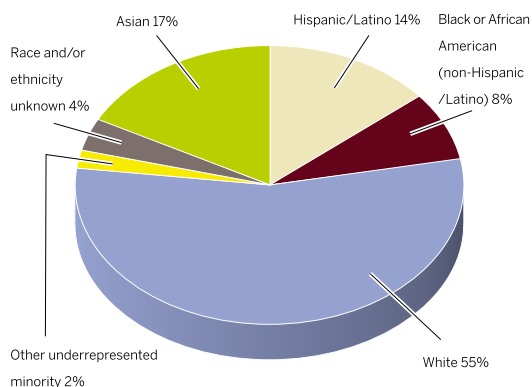
Bridge students complete a year of the medical school curriculum along with coursework designed to prepare them for being successful applicants to medical school. Included is a six-week clinical and research experience with site-based field work with a medically underserved population.

The Bridge program works. Here's the evidence:

- Of the College of Medicine's 450 alumni, 28 got their start in medical school through Bridge.
- Of the 28 former Bridge students to graduate from the College of Medicine, 20 entered a primary care residency program, including 13 in family medicine or pediatrics.
- Nearly 10 percent of the school's current student body began in Bridge.
- Of the college's current 110 underrepresented minority students, 32 (29 percent) are Bridge graduates.
- In the Class of 2015, eight of the 17 underrepresented minorities (47 percent) completed the Bridge program.

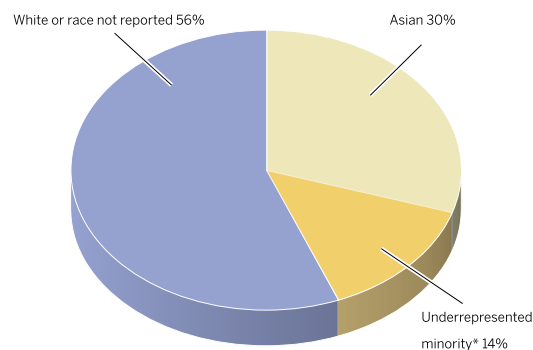
THE COLLEGE OF MEDICINE, 2011-2012

Enrollment: 474

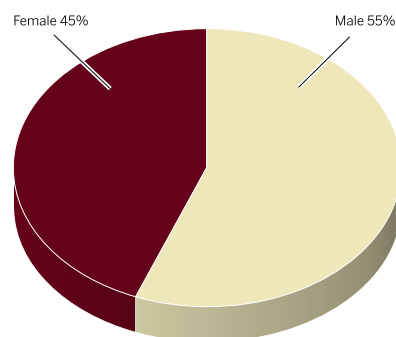
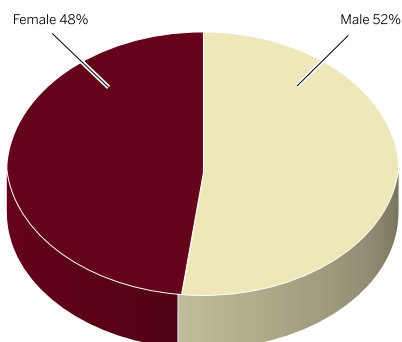


THE CLASS OF 2015 (ENROLLED MAY 2011)

120 students



* Hispanic/Latino; Black or African American (non-Hispanic/Latino); American Indian or Alaskan native; Two or more races (non-Hispanic/Latino).







Match Day 2011, Ruby Diamond Concert Hall on the FSU campus.

'THE DOCTORS FLORIDA NEEDS MOST'

The College of Medicine's mission (written on the inside cover of this report) is summed up by Dean John Fogarty: "We're producing more of the kinds of doctors Florida needs most."

Currently, the majority (74 percent) of the college's 450 alumni are completing their graduate medical education (GME) – required training before they can enter into the independent practice of medicine.

Of the 26 percent who have completed GME, the majority are working in areas closely related to the college's mission. Dr. Fawn Harrison (Class of '05) is a pediatrician in the rural community of Arcadia, Fla.; Dr. Manny Herrera (Class of '06) is the only Spanish-speaking obstetrician-gynecologist in Clermont, Fla.; brothers Nathanael and Patrick Hawkins (Class of '08) are family physicians in adjacent, rural northwest Florida communities.

The college's community-based model of medical education appears to be having a positive impact on where (and what) its graduates ultimately decide to practice. Of the 85 College of Medicine alumni to complete GME, one in three is now caring for patients in a community where the medical school has a regional campus. The obvious conclusion is that after two years of one-on-one apprenticeship experiences with local physicians, many of the College of Medicine's graduates are heading off for GME training with a strong lead for a job already secured.

College of Medicine graduates – At a glance

- 85 practicing physicians (of 450 alumni)
- 56 practicing primary care (66 percent)
- 51 practicing in Florida (60 percent)
- 36 of those 51 practicing primary care in Florida (71 percent)
- 8 of those 51 practicing in rural, medically underserved areas of Florida (16 percent)
- 6 caring for mostly rural patients in areas outside of Florida
- 28 practicing in a community where the College of Medicine has a regional campus
- 13 on the College of Medicine clinical faculty
- 28 of the 35 who completed their GME outside of Florida now practicing outside of Florida (80 percent)
- 5 who completed GME in other states practicing in Florida

About our alumni still completing graduate medical education

- 74 percent of the 450 alumni (Classes of 2005-2011) are in residency training.
- 8 percent are completing a fellowship.
- Through the Class of 2008, more than 1 in 4 served or currently is serving as chief resident.

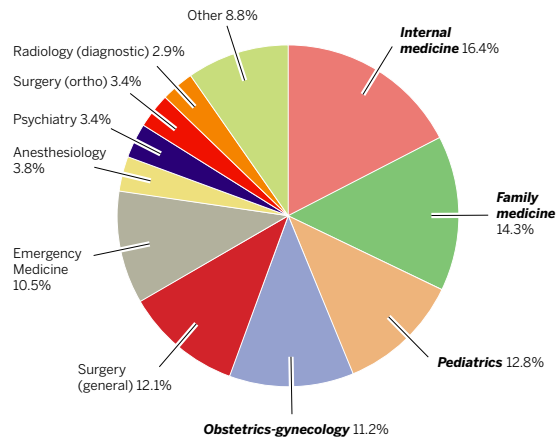
Dr. Anne-Marie Piantanida-Whitlock (Class of 2008) on duty as chief resident at the Florida State University College of Medicine and Sacred Heart Hospital Obstetrics-Gynecology Residency Program in Pensacola.



The College of Medicine has so many graduates now in residency at Orlando Health that some of them recently got together for a photo at the hospital. From left to right: Bridgette Provost, Class of 2010 (internal medicine); Sarah Cooke-Friend, Class of 2010 (internal medicine); Mai Vo, Class of 2009 (internal medicine, chief resident); Meghan Martin, Class of 2010, and her child Avery Jackson Martin (pediatrics); Brittany Foulkes, Class of 2010 (internal medicine); Tiffany Williams, Class of 2010 (obstetrics and gynecology); and Miriam VanderMey, Class of 2011 (emergency medicine).

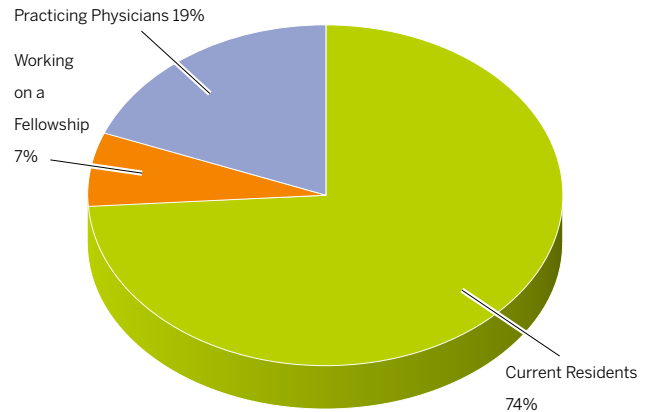
MATCH DAY RESULTS, 2005-2011

54.7 percent choosing primary care residency programs
450 graduates through 2011

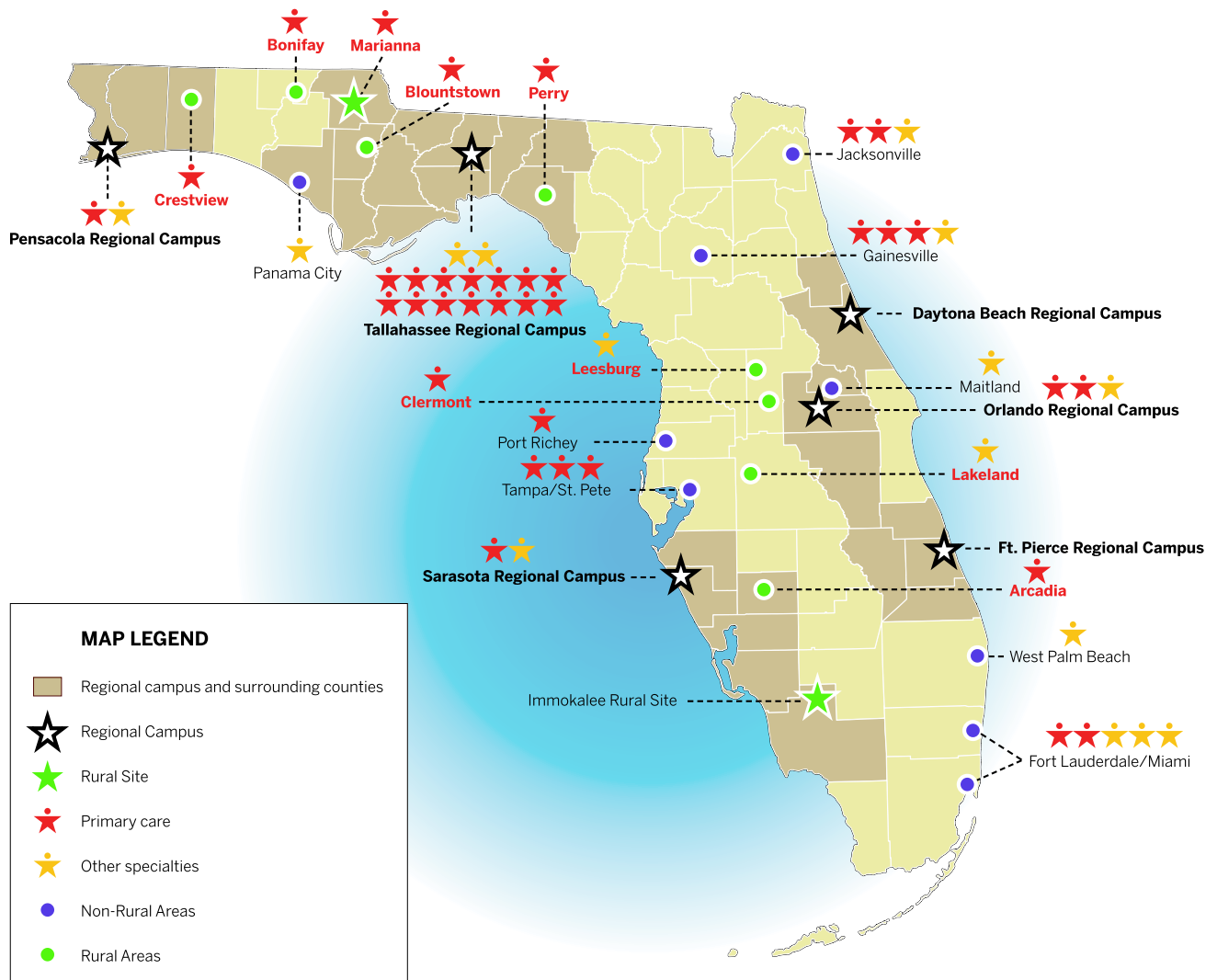


(Bold italics denote primary care specialties)

COLLEGE OF MEDICINE ALUMNI



OUR ALUMNI PRACTICING IN FLORIDA





Chen



Dantuluri



Davis



Demehri



Folzenlogen



Franck

SOME STUDENT ACTIVITIES OF NOTE IN 2011

Monica Chatwal, Class of 2013, received an Edward R. Annis, M.D. Medical Student Scholarship through the Florida Medical Association.

Michelle Cormier, Class of 2012, was elected chair of the National AMSA Death and Dying Interest Group.

Laura Davis, Class of 2013, received the Florida Medical Association's Sanford A. Mullen, M.D. Award. A spokeswoman said the association's Medical Student Section chose Davis "because of her dedication to serving the homeless community in Tallahassee and underserved communities internationally."

Davis also received the Manatee Memorial Hospital-Primary Care Medical Student Scholarship for \$5,000.

Natasha Demehri, Class of 2012, wrote an article for the Winter 2011 AAFP *International Update Newsletter*. "**Being the Change: Ending 'Duffle-Bag' Medicine**" was about the trip she and others from the College of Medicine took to post-war Northern Uganda in 2009.

Demehri also wrote an essay, "The Heart in My White Coat," that placed third in the 2011 Arnold P. Gold Founda-

tion Humanism in Medicine Essay Contest. The essay appeared in the October issue of *Academic Medicine*, the journal of the Association of American Medical Colleges.

Zach Folzenlogen, Class of 2013, submitted a piece of art titled "Reinvent Yourself" that appeared on the cover of *Academic Medicine*. In 2010, another example of his art was featured on the cover of *Developmental Cell*.

Geden Franck, Class of 2014, presented a poster at the National Rural Health Association Annual Multiracial and Multicultural Conference in Tucson. His poster was "The Effect of Socio-Economic Status and Race on Patient-Physician Trust Levels in Neighboring Gadsden and Leon County."

Shermeeka Hogans-Mathews, Class of 2015, received a New Leaf Market Memorial Scholarship.

Francoise Marvel, Class of 2012, co-wrote "Madruga and Marvel's Medical Black Book: Guide to Differential Diagnosis, Mnemonics, and Clinical Pearls" with Mario Madruga, M.D., Orlando clerkship faculty. She also devised an app that allows users to access the book on their iPhone, iPod or iPad. She and

Madruga began the project after she worked with him during her third-year rotation in internal medicine.

Kristen Misiak, Class of 2012, received an FMA Foundation Scholarship for \$5,000. Recipients are chosen by a selection committee based on their commitment to organized medicine and public health initiatives.

Mary O'Meara, Class of 2013, won Best Student Poster for the Quality of Life research section of the annual meeting of the American Geriatrics Society. The poster was "Benefits of the Wii Video Game in Geriatric Communities."

Colby Redfield, Class of 2012, has been appointed the North East Coordinator of the Medical Student Governing Council of the Emergency Medicine Resident Association.

Jared Rich, Class of 2012, had a painting featured on the cover of the April 2011 issue of *Academic Medicine*. He had created it after completing the clinical anatomy, embryology and imaging course during his first year of medical school. Rich presented the painting to course director **Lynn Romrell**, Ph.D., on behalf of the Class of 2012. The painting depicts the gift of

GRADUATE STUDENTS AND POSTDOCS

knowledge students gain from those who donate their bodies for use in medical education.

Larry Sorrell, Class of 2014, was accepted for the national American Medical Student Association End-of-Life Fellowship in Fort Lauderdale last summer. He was the second student from Florida State to attend.

Brett Thomas, Class of 2014, presented the poster “Contributors to Success: Black Males in Medicine” at the National Rural Health Association Annual Multiracial and Multicultural Conference in Tucson. Brett also was one of the authors of an article accepted to *Academic Medicine*: “Contributors to Success: Black Males in Medicine.” In addition, he was invited to present his paper at Mount Sinai School of Medicine in New York.

Thomas also was one of only 13 medical students in the country last year to receive a Minority Scholars Award from the American Medical Association Foundation. The \$10,000 scholarship helps him complete medical training and eventually contribute to improving minority health. The award is part of the AMA Foundation’s effort to help ease medical students’ debt load.

Azariyas Challa, a Ph.D. candidate, had a manuscript published in *Molecular and Cellular Biology*, titled “A Novel Role of Vimentin Filaments: Binding and Stabilization of Collagen mRNAs.” In addition, an image from his paper was selected for the cover.

Challa also was awarded an American Heart Association Predoctoral Fellowship.

Graduate students **Jieyan (Vera) Chen**, **Ali Darkazalli**, **Sara Jackson** and **Helen Phipps** were awarded grants at the Bryan W. Robinson Endowment Dinner.

Brad Groveman, a biomed Ph.D. student in Xianmin Yu’s lab, was accepted to a postdoctoral position at the National Institutes of Health.

Postdocs **Hyeong-min Lee** and **Rongmin Chen**, both from the lab of Assistant Professor **Choogon Lee**, Ph.D., published a research article titled “The period of the circadian oscillator is primarily determined by the balance between CK1 and PP1” in *PNAS*. They are the first co-authors.

Zarko Manojlovic received a grant for his project titled “Translation Regulation of Type I Collagen in Liver Fibrosis as Target for New Drug Development.” A lab assistant in **Branko Stefanovic**’s lab, he received the grant from the National Institute on Alcohol Abuse and Alcoholism (NIH/NIAAA). The F31 NRSA covers his fellowship expenses, institutional allowance, stipend and tuition for three years.

Melissa Pflueger, also a biomedical Ph.D. student in the Yu lab, received a dissertation award, and also has been accepted for a postdoctoral position at Emory University.

Janel Rodriguez, a graduate student in Jamila Horabin’s lab, was awarded the Wilson-Auzenne Graduate Assistantship for Minorities. The award carries a \$5,000 stipend as well as a tuition waiver for fall and spring.

Sarah Riman, a biomedical Ph.D. student in Myra Hurt’s lab, was awarded a school dissertation research grant.



Gaukhman



Groveman



Gutierrez



Hoang



Hogans-Mathews



Lucke



Manojlovic



Misiak



Mohamed



O'Meara



Redfield



Rich

STUDENT ORGANIZATIONS

In early 2011, **Students Interested in Global Health** (SIGH) was named Florida State University's Graduate Student Organization of the Year. In his nomination, Associate Professor **José E. Rodríguez**, M.D., wrote: "This organization has done more to raise the consciousness of our medical student population on Global Health issues than any other College of Medicine student organization." SIGH President **Matt Heimann** (Class of 2014) said, "It is our belief that instilling a global perspective in medical students pushes them to excel in whatever field of medicine they pursue."

SPRING TRIPS

At least 30 College of Medicine students spent spring break 2011 on medical outreach trips. About half of them were associated with **FSUCares**, and about half with **SIGH** and a new partnership with a Nicaraguan village.

As it has done every year since the Florida State College of Medicine welcomed its first class in 2001, **FSUCares** was giving out medical supplies and treatment – and getting a cultural education in return. Fourteen first- and second-year College of Medicine students made the annual trip, along with six faculty members and one alumnus who's now in residency. They split into three groups: one in Immokalee; one on the Texas-Mexico border; and one in the village of Filipina, Panama. These were the people at each **FSUCares** site:

- Immokalee – faculty members **Elena Reyes**, Ph.D., and **Curtis Stine**, M.D., and students **Nathalie Gutierrez** (Class of 2014), **Alexander Gaukhman** (2014), **Bethann Mohamed** (2013) and **David Swoboda** (2014).
- South Texas, at (but this year not across) the Mexico border – faculty members **Jon Appelbaum**, M.D., and **Angel Braña**, M.D., and students **Charles Clark** (2014), **Andrew Fritze** (2014), **Tara Gonzalez** (2014) and **Richard Sims** (2014).
- Filipina, Panama – faculty members **Ken Brummel-Smith**, M.D., and **Mark Stavros**, M.D.; resident **Charles Ritchie** (M.D., 2008); and students **Keerti Dantuluri** (2014), **Matt Heimann** (2014), **Amanda Morden** (2014), **Shannon Scott** (2013), **John Thomas** (2014) and **Melissa Velarde** (2013).

Meanwhile, in Nicaragua, 16 students associated with SIGH were helping to cement a new partnership with the village of Los Cedros. The spring break trip was the first of four trips planned for this year – and years to come. "December 2010 was when we told the people of Los Cedros, 'We would like to enter into this long-term, sustainable, community-health improvement partnership with you,'" said **Dan Van Durme**, M.D., SIGH's faculty advisor and a frequent visitor to Los Cedros. That partnership differs from what he called "medical brigade" trips, in which health teams fly in, provide care, fly out and perhaps never return. "We told them in December, 'We'll be back in March. You can count on it.'" Here are the College of Medicine representatives who made the March trip:

- Faculty – **Luckey Dunn**, M.D., Daytona Beach Regional Campus dean; **Suzanne Harrison**, M.D., family medicine education director; and **José Rodríguez**, M.D.
- Class of 2011: **Nicole Meisner**.
- Class of 2013: **Naomi Salz**, **Joshua Smith**.
- Class of 2014: **Shawn Akhavan**, **Kush Bhorania**, **Matthew Clark**, **Michael Dender**, **Jens Flock**, **Loan Hoang**, **Alexandra Mannix**, **Alexandra Rocha**, **Chirley Rodriguez**, **Sweta Sengupta**, **Ann Sheddan** and **Sanam Zahedi**.
- Pre-med: **Clint Dunn** (son of Luckey Dunn), Honors Medical Scholar.

'DEADLY MEDICINE' MAKES AN IMPACT

More than 250 people attended the April **"Deadly Medicine"** symposium sponsored by more than a dozen medical and law student groups. The program, subtitled "Nazi Eugenics: Could It Happen Again?," was voted academic event of the year by the Medical Student Council and reportedly broke the College of Medicine record for the largest student-sponsored event. "The event committee worked with Holocaust Education Resource Council founder Barbara Goldstein to design a program that would examine the Nazi eugenics and current-day implications," said **Naomi Salz**, one of the organizers. "The keynote speakers were Dr. **Daniel Fischer**, a Holocaust survivor freed from Dachau at the end of World War II, and Dr. **Patricia Heberer**, historian from the U.S. Holocaust Memorial Museum in Washington, D.C., and expert on the Nazi medical experiments."

Event committee (in alphabetical order): **Joshua Ellis** (Class of 2014), **Michael Glickman** (2013), **Barbara Goldstein** (Holocaust Education Resource Council), **Jillianne Grayson** (2014), **Merisa Kaplan** (2014), **Alexander Kushnir** (2014), **Jay Meyer** (2013), **Stephenie Pollock** (2013), **Naomi Salz** (2013), **Rachel Siegel** (College of Law), **Joshua Smith** (2013). Artwork: **Zach Folzenlogen** (2013). Sponsors: **Maimonides Society**, **Holocaust Education Resource Council**, **Florida Rural Health Association**, **Pediatric Interest Group**, **Geriatrics Interest Group**, **Family Medicine Interest Group**, **OB/GYN Interest Group**, **Grayson Family**, **Jewish Law Students Association**, **Medical Student Council**, **FSUCares**, **Golden Key Florida State University Chapter**, **Student Interest Group in Neurology**, **American Medical Student Association**, **Guys Lesbians and Allies Advancing Medicine**, **Health Law Society**, **Health and Law Organization**.

A BOY'S DREAM COMES TRUE

The **Pediatric Interest Group's** fall fundraiser to benefit Dreams Come True was featured in the American Academy of Pediatrics Medical Student Newsletter. Here's how the article, written by Class of 2011 President **Ashley Lucke**, began: "Every year on a breezy Saturday afternoon in October you'll find the faculty and medical students from the Florida State University College of Medicine sitting on the front porch of Chez Pierre, sipping wine and nibbling on artichoke dip. Jazz music plays in the background as raffle ticket numbers are called out every fifteen minutes for great gifts like salon packages, diamond and pearl jewelry, and gym memberships. It sounds pretty amazing, right? Actually the most amazing part is the guest of honor each year. This year it was Trenton, a seven-year-old boy with a sinus tumor, who dreamed to go on a Disney cruise."

NATIONAL AMWA LEADERS

The following students were elected or otherwise honored by the American Medical Women's Association: **Kathryn Winn** (Class of 2013) was elected national student recruitment chair; **Jordan Rogers** (Class of 2012) placed third in competition for the Women in Science Award; **Dani Barnes** (M.D., 2010) was elected national president of the AMWA Resident Branch; and **Sarah Mike** (Class of 2012) was honored for her presentation of the Clothesline Project as the National Advocacy Project for 2011 in support of awareness regarding domestic violence.

RACING FOR THE CURE

Two third-year medical students, **Charlene Hylton** and **Gina Obmana**, participated with **Karimu Smith-Barron**, M.D., FAAP, Immokalee Health Education Site faculty administrator, in the Susan G. Komen Race for the Cure. They represented the Collier Health Services team.



Salz



Sengupta



Sorrell



Swoboda



B. Thomas



J. Thomas



Julie DeCesare



Gary Goforth



Joan Meek



Chris Mulrooney



Gregory Todd

THE STATE OF RESIDENCY

As the College of Medicine graduated its first full class in May 2011, the need to provide more opportunities for residency training in Florida was never more evident. While the college's community-based model has influenced a healthy percentage of its graduates to set up practice in Florida, the reality is that there are not enough residency positions in the state to go around.

Two-thirds of the Class of 2011 at the College of Medicine began residency training outside Florida. The location of residency training is seen as the best predictor of where a physician will ultimately practice.

With two new Florida medical schools (University of Central Florida and Florida International) set to graduate their first class in 2014, the competition for available residency slots in Florida will only increase.

"One of the top priorities of my fellow medical school deans here in Florida is to support increasing the number of residency positions in the state," said John P. Fogarty, dean of the FSU College of Medicine and current chair of the Council of Florida Medical School Deans.

Toward that goal, the College of Medicine made important contributions in 2011. In addition to sponsoring a new family medicine residency program in Fort Myers, the college continued to help develop a new internal medicine residency program with Tallahassee Memorial HealthCare.

The family medicine program, developed in collaboration with Lee Memorial Hospital, and the internal medicine program both have hired a director:

Gary Goforth, M.D., has accepted the position of professor and program director of the family medicine residency. Gregory Todd, M.D., has accepted the position of associate professor and program director of the internal medicine residency program.

The college also has a new residency program director for its obstetrics-gynecology program at Sacred Heart Hospital in Pensacola. Julie DeCesare, M.D., replaces Clyde Dorr, M.D., who is now chair of the hospital's new Department of Pelvic Floor and Female Reconstructive Surgery. Dorr had been director of the residency program since 1998.

DeCesare previously served as assistant program director and medical education director of the obstetrics-gynecology residency.

Read more about Drs. Goforth and Todd on pages 15 and 16.



Dr. Gary Griffin, clinical faculty physician at the College of Medicine's pediatrics residency program at Sacred Heart Hospital in Pensacola.

GOOD NEWS FOR THE SPONSOR

While reaccreditation for the College of Medicine got most of the attention, the medical school also earned reaccreditation in 2011 for its right to continue as the sponsoring institution of its growing number of residency programs.

In addition to the new programs in Tallahassee and Fort Myers, the College of Medicine sponsors programs in pediatrics and obstetrics-gynecology at Sacred Heart Hospital in Pensacola.

The Accreditation Council for Graduate Medical Education (ACGME), the entity that accredits residency programs and their institutional sponsors, granted continued Institutional Accreditation to Florida State in October.

MANAGING RELATIONSHIPS

To orchestrate the expansion of its GME programs and meet the demands of continuing to develop its existing programs, the College of Medicine made important new appointments in 2011. Joan Meek, M.D., was named associate dean for GME and Chris Mulrooney, Ph.D., was named assistant dean for GME.

Meek has been a longtime teacher and pediatrics clerkship director with the College of Medicine's Orlando Regional Campus. She adds to those duties the role of designated institutional official for the College of Medicine's four current residency programs plus any programs added in the future. Read more about Dr. Meek on page 17.

Mulrooney, who also serves as chief operating officer of the medical school's faculty practice plan, helps establish and maintain affiliations with participating clinical sites at which sponsored residency training programs take place.



Dance Marathon 2011



Fifi Jorge



GLIMPSES OF GIFT-MAKERS IN 2011

SCHOLARSHIP ENDOWMENT FUNDS

The typical U.S. medical student graduates with a debt load of about \$160,000. Scholarship funds are vital, especially given the College of Medicine's mission of trying to attract students from rural and underserved families. Here are two such funds.

Josephine Jorge

Florida State University has benefited from the generosity of Josephine "Fifi" Jorge since 1985. She and her husband, Severiano, had moved from Cuba and prospered in Florida through opportunity and hard work. Their niece, Anne Lynch, had gone to Florida State and in 1967 became the family's first college graduate. So in gratitude, the Jorges set up an FSU Presidential Scholarship named for Severiano's grandfather. Josephine even wrote letters to the scholarship recipients.

When Severiano died, Josephine decided to use half of the earnings from the Presidential Scholarship to create scholarships for the newly created College of Medicine, whose people and mission had impressed her greatly. Her grandson Allan Jorge had become a neurosurgeon at a different school, and this was her way of simultaneously celebrating his accomplishment and demonstrating her support for Florida State.

Upon her death in 2010 in Coral Gables, her estate evenly divided \$3.6 million between the Presidential Scholarship and the medical school's Allan Jorge Endowment. Although

she is gone, the connection between the scholarship students and the Jorge family continues. Josephine's grandniece Valerie Kelly, an attorney in Washington, D.C., visited the campus in December, keeping a promise to Josephine that she would maintain the relationship with Florida State.

"One thing that Fifi always said to me was what a wonderful job everyone at FSU did," she said. "It was always about applauding the good work that the College of Medicine was doing. Now that's what my role is."

Julian and Myra Hurt

Senior Associate Dean Myra Hurt was one of the creators of the College of Medicine's Bridge program, designed to expand the pool of successful medical students. Now she's putting her money where her heart is. She and her husband have created an endowment for Bridge scholarships.

In recognition of the Hurts' longtime support, the new third-floor suite for Bridge students will be named the Julian E. Hurt, MD and Myra M. Hurt, PhD Bridge to Clinical Medicine Learning Community. It is the first of the medical school's nine learning communities to be named.

"I can't imagine anything more apropos than to have your name on the Bridge suite," Dean John Fogarty told the Hurts, "and for you to leave for posterity a gift to our Bridge students. Thank you for being examples to this community."



Drs. Myra and Julian Hurt

The Bridge to Clinical Medicine master's program serves as a pipeline into medical school for applicants from medically underserved, rural and inner-city communities, with the expectation that many eventually will provide medical care to those communities. More than 100 students have entered medical school through Bridge.

"If it were not for this program, many of us would not have the opportunity to serve as physicians," Bridge graduate Angela Green told the Hurts. "Because you have invested in us, you are impacting communities. And we are extremely grateful."

SCHOLARSHIP PLEDGES

The Regional Deans Scholarship Development Initiative is providing locally oriented scholarship funds in support of each regional medical campus. These are recent examples.

The Bert Fish Foundation

The foundation, in compliance with the last will and testament of the late Judge Bert Fish, has been a longtime supporter of medical education and the care of the medically indigent in Volusia County. It provided key, early support for establishing a College of Medicine regional campus there. Now, through an additional gift, it will offer scholarships annually for five years for students at the Daytona Beach campus.



Halifax Health Medical Staff

Halifax Health's medical staff has been a strong supporter of the College of Medicine's development and the training of its students. This gift from its Medical Staff Scholarship Fund will provide scholarships for four students at the Daytona Beach regional campus annually for five years.

Other scholarship donors have made a significant impact for our students:

Janine Edwards

Janine C. Edwards has focused on health literacy as an area in which to contribute to improved delivery of health care. Her pledge to establish the Edwards Family Endowed Scholarship in Medicine will support students from groups historically underrepresented in the medical profession. Edwards, Ph.D., is chair of the College of Medicine's Department of Medical Humanities and Social Sciences.

Durell Peaden Jr.

Former state legislator Durell Peaden has an M.D., a J.D. and a permanent place in College of Medicine history. His meeting with then FSU President Sandy D'Alemberte about the scarcity of family physicians in the Florida Panhandle helped accelerate the establishment of this medical school in 2000. He's also playing a direct role in the creation of new physicians: The Durell Peaden Scholarship Endowment supports medical students from Bay, Escambia, Holmes, Okaloosa, Santa Rosa, Walton and Washington counties.

ENDOWED PROFESSORSHIPS

In these days of a brain drain from state universities, endowed professorships are more valuable than ever. Two examples are given below.

Betty Ann and Jim Rodgers

Sometimes the connection between a donor and the College of Medicine is delightfully roundabout. Not so in this case. Christopher Rodgers, M.D., part of this school's first graduating class (and now practicing emergency medicine in Leesburg), is the son of Betty Ann Shelfer Rodgers and Jim Rodgers, DDS.

These Quincy residents have donated their time, talent and money to Florida State for years, and their gifts to the College of Medicine alone exceed \$1 million. Some years back they established The Betty Ann and Jim Rodgers Eminent Scholar Chair of Developmental Neuroscience to help attract a world-class scientist to the medical school. In 2011, it did just that – when Pradeep Bhide left Harvard University's Massachusetts General Hospital to join the faculty in the Department of Biomedical Sciences. (See more about his work on Page 14.)

John and Dorian Blackmon

The John A. Blackmon, M.D. and Dorian T. Blackmon Endowed Professorship has been set up to highlight the importance of pathology. John Blackmon is an associate professor in the Department of Biomedical Sciences. Earlier in his

career, at the Centers for Disease Control, he was actively involved with the laboratory investigation of the first recognized Legionnaires' Disease outbreak. Designating this gift to support a key part of the medical curriculum exemplifies the highest calling to not only heal but also teach.

PROGRAM SUPPORT

Meet two longtime supporters whose generosity helps to pay for medical education and pediatric care.

The Archbold Medical Center

For more than five years, The Archbold Medical Center and the College of Medicine have worked together to benefit both Thomasville, Ga., and Florida State. So far, several dozen College of Medicine students have trained under the guidance of – and with the support of – Archbold medical staff and faculty. Archbold's continued funding will provide much-needed support for medical education.

Dance Marathon

Once again this past year, the energetic, compassionate participants in Dance Marathon enriched the College of Medicine and the children it serves in Gadsden County.

In February 2011, hundreds of Florida State students danced for hours to help raise money for Children's Miracle Network at Shands Children's

Hospital at the University of Florida. Living up to their billing as the largest student-run philanthropy at FSU, they raised a record \$487,000.

In November, Children's Miracle Network disbursed \$232,000 of that money to the College of Medicine. Part of it will pay for a school-based health program in Gadsden County designed to address health-care disparities among children. Other projects include equipment for the pediatrics unit at Tallahassee Memorial Hospital.

Each February, thank goodness, those dancers are back at it. That's good news for Gadsden's kids.

SUPPORTING STUDENTS

The physicians who take the time to teach third- and fourth-year students at the regional campuses are also providing financial support for student-oriented activities. Among those who have made significant pledges in the past year are **Jacob A. Samander**, M.D., Fort Pierce campus; **Dudley G. Teel**, M.D., also Fort Pierce campus; and **Saul Ullman**, M.D., Pensacola campus.

THANK YOU FOR YOUR GIFTS

The friends of the College of Medicine have again been generous this year. With our sincere appreciation, here is a partial listing of the top gift-makers from July 2010 through December 2011. During this period, by the way, the state of Florida matched nearly \$3.9 million in gifts, so donors' dollars went even further. We are grateful for all gifts, large and small.

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

New pledges

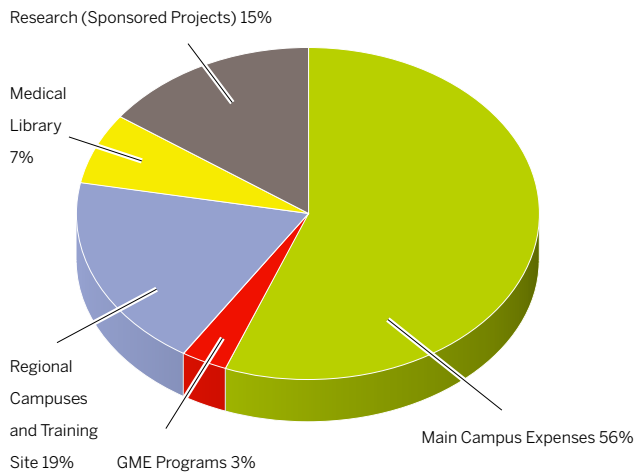
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Ruth M. Bunkelmann
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- Paul McLeod, M.D., Senior Associate Dean for Regional Campuses
- Robert Watson, M.D., Executive Associate Dean for Administrative Affairs
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college of medicine
2011
annual report

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