



ANNUAL REPORT

2003-2004

MUSC
FAMILY MEDICINE

VISION AND MISSION STATEMENT

DEPARTMENT OF FAMILY MEDICINE MEDICAL UNIVERSITY OF SOUTH CAROLINA

VISION STATEMENT:

The Department of Family Medicine strives to be recognized within the community, Medical University of South Carolina, and the nation as an innovative leader in clinical care, primary care education, and research.

MISSION STATEMENT:

The mission of the Department of Family Medicine is to provide excellent and comprehensive interdisciplinary health care to individuals, their families, and the community. This focus on excellence in care will be blended with the educational needs of residents, medical students, and health professions students and the search for new knowledge that will enhance the practice of family physicians.

DEPARTMENT OBJECTIVES:

The goals of the Department of Family Medicine are to:

- Manage a cost-effective clinical enterprise that values the patient-provider partnership in health care, provides access to underserved populations, and strives to maximize patient satisfaction and clinical outcomes.
- Provide residents and medical students the skills necessary to deliver comprehensive health care based on the principles of evidence based medicine and the development of an empathic approach.
- Conduct investigations into common problems in primary care and the principles that form the foundation of primary care.
- Celebrate our successes both internally and externally while creating an atmosphere of mutual respect and enjoyment for students, employees, and faculty.

<http://www.muschealth.com/familymedicine>

ANNUAL REPORT 2003-2004

INTRODUCTION

Many years ago just out of my residency in family medicine, I entered the Public Health Service as a public health officer assigned to Menifee County, Kentucky. I ended up spending seven years in Frenchburg, KY – the first four as the only physician in the county. Although I was immersed in clinical duties as a rural doctor, I developed a great love of research. With few other diversions available to me, doing research became my hobby.

When I was presenting one of my projects at a regional research conference I encountered some other people with similar interests. After returning home, I conceived of putting together a large, multi-site project to look in more depth at this issue. I enticed four other people I knew from around the country into joining me, wrote up a NIH grant, and mailed it in. If I had known more about of the hyper-competitive world of research funding and what little chance a rural doctor in a town of 800 people had of getting one of these highly sought-after prizes, I certainly never would have wasted my time on the grant.

But I got it! Well, not right away. The study section couldn't believe that someone in the remote reaches of Appalachian Kentucky had sent in a grant, so they deferred their decision and scheduled a site visit to check me out. The visitors arranged to meet with my study team in the nearest town with a decent hotel (30 miles away from my practice). I gathered my research team together for dinner the night before to discuss what questions we thought they might ask. As we lingered over dessert, the restaurant hostess seated four guys in suits directly behind us (at one of the other 3 tables in the non-smoking section). During a lull in our conversation, one of the guys behind us said "While we're waiting for our food, why don't we start talking about the grant." They were the site reviewers – and they were seated right behind us reviewing the questions they were going to pose to us the next day.



Dr. Bill Hueston

Needless to say, we did very well at the site visit. We actually got the highest score for that study section. Our grant was fully funded and I was no longer a country doctor – I was now a researcher. Even better was that what I used to do for fun, I now got paid for.

In general, research success is not as easy as it seemed to me back then. (First of all, rarely do the reviewers tell you exactly what they want to hear!) When I came to MUSC in 1997, the research section of the department was successful, but very small — one clinician-investigator, a master's prepared data analyst, and a staff assistant. But I wanted more. One of my biggest priorities in coming to MUSC was to grow our research group into one of the best in the country.

Even before officially arriving at MUSC, I started recruiting some of the key people who I felt could help us grow in the area of discovery and innovation. Fortunately, I was able to recruit one my long-time collaborators, Dr. Arch (Chip) Mainous from the University of Kentucky, to come to MUSC. Dr. Mainous moved down to MUSC in February, 1998, four months after I stepped into the role as Department Chair.

With leadership from Dr. Mainous, our research section has grown substantially in the last 7 years. The research staff now numbers 17 and includes, in addition to Dr. Mainous, 5 clinical researchers, 3 faculty development fellows, 5 Master's level research associates, a nurse clinical research specialist, and 2 administrative assistants. Our direct research funding at the beginning of this fiscal year is over \$2.2 million.

As in other departments across our campus, the mission of discovery is serious work in the Department of Family Medicine – although I hope we still have fun doing it. As you peruse our annual report this year, I hope you appreciate the many areas where we are contributing to improving the medical care that the average person will receive from their own family doctor some time in the short future.

CLINICAL SERVICES IN THE DEPARTMENT OF FAMILY MEDICINE (2004)

The Department of Family Medicine has one of the busiest ambulatory practices at MUSC and this past year was no different. The Department provided care for over 53,000 outpatient visits at our two centers, attended to the needs of elderly residents at the Heartland Health Care nursing home, and delivered maternity care services for underserved residents of Johns Island at the Wellness House and Sea Islands Community Health Center. Department faculty and residents also maintained two inpatient clinical services: one at the Trident Regional Medical Center and a second at the Medical University Hospital.

OUR CLINICAL SITES

The Clinical Services Division has three service locations: the University Family Medicine office in North Charleston adjacent to Trident Medical Center; the MUSC Family Medicine Center located on Calhoun Street in downtown Charleston; and Heartland Nursing Care in North Charleston. Additionally, the Department provides 12 weeks of locum tenens coverage each year to community doctors who teach in the AHEC system.

UNIVERSITY FAMILY MEDICINE AT THE TRIDENT FAMILY MEDICINE CENTER

This practice was begun in March 1997 and in 1999 moved to our 24,000 square feet two-story building, the Trident Family Medicine Center, across from the emergency room entrance at Trident Regional Medical Center. University Family Medicine serves as our resident outpatient family medicine training site. The first floor of the Trident Family Medicine Center houses our clinical activities while the second floor houses educational and administrative space for the residency program and a community educational space with video-conferencing capability to use jointly with Trident Regional Medical Center.

MUSC FAMILY MEDICINE CENTER

This office on Calhoun Street in downtown Charleston, adjacent to the MUSC campus, is housed in a 30,000 sq. ft. former nursing home. Half the space is used for clinical activities and half for educational, research, and administrative activities of our Department.

As residents were transitioned to their new office location in North Charleston in the late 90's over a three-year period, the base of faculty physicians and midlevel providers seeing pa-



tients at this facility grew. Fifteen of our family physician faculty members spend a portion of their time seeing patients at this facility. In addition Peter Dodge, PA provides patient care at this facility.

Our downtown office also offers same day service that provides care for any patient between 8:30-11 in the morning or 1-4 in the afternoon without an appointment. This system also allows our providers who are seeing patients with previously scheduled appointments to work without interruption from unplanned schedule changes, and to provide better care to each physician's panel of patients.

HEARTLAND NURSING CARE

Approximately 70-80 patients at this intermediate and skilled nursing facility have been cared for by our residents under the supervision of Peter Carek, MD, Kesh Hebbbar, MD, William Simpson, MD, Todd Detar, DO and William Hueston, MD. A resident has been assigned each month to see patients with acute problems in addition to the longitudinal care provided to these patients by our upper level residents. Unfortunately, the Department ended our relationship with Heartland this July but has begun a new relationship with the Presbyterian Home in Summerville for resident education.

AHEC LOCUM TENENS PROGRAM

For the past three years, the Department has provided relief services for local doctors who need to leave their practice for vacation or illness. Under a contract with the state AHEC system, Dr. Cleve Hutson serves as a substitute family physician for the patients of these physicians for 12 weeks a year. The locum tenens service allows community doctors in rural areas to get a much needed break while assuring that their patients continue to get high-quality medical care in their absence.

OUR CLINICAL SITES (CONTINUED)

CHANGES IN LEADERSHIP

With all the usual activity in the Clinical Services Section, this also has been a year of change in the leadership within this Division. Jonathan Sack, MD, Medical Director at University Family Medicine, decided in the fall to leave academics and enter private practice. Dr. Sack left in November and joined the practice of one of our former residency graduates in Hilton Head Island, S.C. Jon was one of the founding clinicians at University Family Medicine seven years ago and we all valued having him as a partner over the past eight years. With Dr. Sack's departure, Maria Gibson, MD, PhD stepped in to assume the role of Medical Director at our University Family Medicine Office and has brought a great deal of energy to her new position.

At our downtown office, D. Todd Detar, DO, also decided that a change of role would be welcome. Dr. Detar has served as clinical director of the Family Medicine Center practice since 1999, but wanted to pursue more involvement in student and resident teaching. Todd will be exchanging his clinical directorship for a role as a co-director of the Longitudinal Patient Care Experience in the first year Doctoring Curriculum. His successor as Medical Director at the MUSC Family Medicine Center will be C. Carolyn Thiedke, MD.

Both Drs. Gibson and Thiedke enjoy the admiration of patients, staff, and colleagues. Both Drs. Detar and Sack are deserving of thanks for a job well done and best wishes in their future activities.

OTHER NEWS FROM THE PAST YEAR

Significant activities in the Division of Clinical Services during the July 2003 – June 2004 include:

- 30,000 patient visits at the MUSC Family Medicine Center and 23,000 patient visits at our University Family Medicine office.
- 776 inpatient admissions at the Medical University Hospital and 1,313 inpatients at Trident Medical Center employing a rotating team of family physician faculty members and residents at each site.
- 7,500 referrals to other specialists within MUSC accounting for \$6,850,000 in physician fees for other departments between June 2003 through March 2004.

- We have begun using Internet resources with our patients. In addition to patient education information, patients will be able to request appointments and medication refills on our web site designed by Mark Geesey, one of our Research Division faculty members.

- We completed plans and have finalized contracts to substantively renovate the nearly forty year old building that houses the MUSC Family Medicine Center on Calhoun Street in downtown Charleston. An active task force of clinicians, administrators and nursing personnel have labored over these plans for the past six months.

SAYING GOOD-BYE

Two of our long-time colleagues, Alan Johnson, PhD, and Martha Tumblin, MEd, both retired at the end of this year after many years of clinical service and teaching to more than a generation of family medicine residents. Martha joined the Department in the late 1980s and provided personal and family counseling to people with addiction problems. After years of caring for patients and teaching residents about addiction, Martha has decided to be more active in schooling and parenting her daughter. Alan Johnson has been a fixture in the Department for nearly 35 years. He has pioneered work in Balint training with residents and is internationally recognized for his work in this area. Alan will stay busy in retirement, continuing to work one day a week with Clive Brock, MD teaching Balint techniques to our residents while opening a part time private practice in his Mt. Pleasant home.



DEPARTMENT MAKES FORMAL COMMITMENT TO COMMUNITY SERVICE

by Heather Woolwine

The health care professions exist to serve the physical, mental, and emotional needs of the general population and contribute to the betterment of society just by virtue of their definition.

So when many people devote a career to caring for others, especially in a department like MUSC's Family Medicine, how did administrators convince those care givers to give even more, and devote coveted time to volunteering for the community? Easy, they just asked.

"We wanted to continue to increase MUSC's visibility in the community outside the normal bounds of the department," said Bill Simpson, M.D., Family Medicine professor and volunteer program coordinator. "Sure we do a lot of patient care, but we're paid for that. We wanted a chance to do something totally for the community."

Since the idea's successful hatching in July 2003, department members completed 750 hours of community service, just shy of the rather ambitious 1,000 hour first year goal. Still, 750 hours remains quite an achievement by many standards for a fledgling volunteer program.

"We had approximately half of our medical staff involved this first year," Simpson said. "They were asked to document their volunteer hours on monthly leave summary sheets. We believe that the hours were actually under-reported though, simply because people forgot to document their time."

Volunteers participated in numerous activities and a wide variety of organizations including the Charleston Interfaith Crisis Ministries for the homeless, the Jenkins Center for Child Development (an area orphanage), the Franke Home, the Hollings Cancer Center Mobile Health Unit, Habitat for Humanity, a Charleston County Schools tutoring program and the College of Charleston (see Table).

"Volunteering in places like the Crisis Ministries shelter for the homeless and the Jenkins Center was a wonderful opportunity for a number of reasons. We as health care professionals were able to care for populations that we otherwise wouldn't see in our office," Simpson said. "Even working with the College of Charleston sports teams enabled our physicians to see sports injuries they don't encounter very often. Volunteering makes you feel good and it helps people, but it's also a great opportunity to broaden educational opportunities."

With the second year of the program under way as of July 1, Simpson and his colleagues continued to set ambitious goals for volunteer hours, this year hoping to involve more staff and reach 2000 hours of time with the community, or the equivalent of a full-time staff member providing nothing but community service.

"We're going to keep putting the opportunities out there in the department as quickly as possible, with the hopes that many different kinds of activities and time slots will encourage more people to join the program and keep those already involved," Simpson said.

TABLE. COMMUNITY SERVICE ACTIVITIES BY DEPARTMENT FACULTY

Presentations to Community/Church Groups	176 hours
Charleston Interfaith Crisis Ministries	161 hours
Sports Medicine Clinic CofC	77 hours
Medical support athletic/cultural events	76 hours
Physicals/screenings/health fairs/migrant clinics	54 hour
Medical mission, Peru	40 hours
School presentations/mentoring coaching	50 hours
Other community service organizations (Habitat for Humanity, HALOS, Trident United Way, Project Care)	44 hours
Miscellaneous community service	33 hours
Total	721 hours

PREDOC UPDATE

The Department of Family Medicine makes several important contributions to the education of medical students at MUSC. Students work with faculty members in Family Medicine in all 4 years of the curriculum. In addition, several faculty members have leadership roles in required courses in the first 3 years of the curriculum. An overview of these contributions follows.

YEAR 1

DOCTORING CURRICULUM

Dr. Robert Mallin continues to serve as director of the Doctoring Curriculum for 1st year medical students. During the past few years, he has helped to oversee better coordination among these introductory clinical medicine courses and the basic science curriculum. One example of a major improvement is block testing, an arrangement that combines all concurrent courses' multiple choice questions into the same exam. Students have only one written exam every few weeks, instead of every week; and they learn to integrate the course material more fully.

LONGITUDINAL PRIMARY CARE EXPERIENCE (LPCE)

Dr. Carolyn Thiedke directs the LPCE course, a Doctoring Curriculum 1st year course that continues the entire year. Students learn and practice interviewing skills, both in community practices with regular patients and in the classroom with Standardized Patients, who ask actors trained to portray certain patient roles. Students also learn about special topics such as sleep and geriatrics, while studying the organization and business side of medical practice. As one of the course's teachers, Dr. Barry Hainer noted, "Working with students in LPCE for an entire year promotes positive and enjoyable relationships with medical students."

BIOCHEMISTRY SELECTIVES

During the medical students' 1st year Biochemistry course, the Department contributes to sets of educational sessions called Selectives that meet weekly for 10 weeks. Students choose such Selectives as the one led by Dr. Albert Keller – "Evolution and Co-creation: Why Science and Religion Need to Talk." Drs. William Simpson and Stanley Schuman offer "Medicine and the Environment," covering such topics as pesticide toxicity, water quality, insect-borne diseases, and plant pathology. In addition, Dr. Peter Carek lectures on "The Biochemistry of Exercise: Fuel for Thought" within the Biochemistry course.

YEAR 2

INTRODUCTION TO CLINICAL MEDICINE / EVIDENCE BASED MEDICINE

During the past academic year, the Department assumed primary leadership of this required 2nd year medical student course. Dr. Bill Hueston served as the course director, and Dr. Richelle Koopman joins him this year as co-director. The sec-

ond semester 2nd year course helps students to generate and refine differential diagnoses that include both the most likely diagnoses and those that carry a high risk of morbidity or mortality. Students also learn how to use evidence, how to analyze and apply findings from research studies back to the clinical care of patients.

INTRODUCTION TO CLINICAL ETHICS

Dr. Albert Keller serves as co-director of a 2nd year, 1st semester course required of all medical students, "Introduction to Clinical Ethics." This Doctoring Curriculum course gives students a solid background in ethical decision-making prior to their clinical years.

THE COMMUNITY-BASED GERIATRIC EDUCATION PILOT

Dr. David Garr and a team of faculty members within the College of Medicine and other colleges at the MUSC developed an innovative course for 2nd year students. Twenty-four medical students went to Canterbury House, an independent living retirement home for people with limited funding, one afternoon each month of their 2nd year to work with their "Senior Mentors." During these visits students discussed issues of importance to the care of older citizens and acquired physical diagnosis skills. Both students and Senior Mentors evaluated the experience highly.

YEAR 3:

THE NEW FAMILY MEDICINE / DEANS' RURAL CLERKSHIP

Beginning in July 2003, the Department assumed leadership for a combined 2-month clerkship required for all 3rd year medical students. Students now spend 8 weeks in rural practice settings, where they can learn from superb clinicians and partner with AHEC, DHEC, and community leaders and organizations to plan and implement community-wide health improvement projects.

Because of this new 2-month structure, we have been able to make significant improvements in organized learning activities (see previous article). The longer duration has allowed us to create an innovative learning activity: the Objective Structured Learning Encounter (OSLE). The OSLE name derives from the assessment method, Objective Structured Clinical Examination (OSCE), that the Family Medicine Clerkship began using over a decade ago, and that other clerkships at the MUSC have since adopted. While the OSCE was a valuable tool to assess students areas of strength and weakness, both learners and teachers have expressed concern that students were tested at the end of the clerkship, when it was too late for them to practice what they might have learned.

The OSLE changes all that. Now in the middle of the course, students convene in Charleston for the OSLE. They

rotate through six different stations where faculty work with them to improve their physical examination, interview, and communication skills. Students practice, for instance, how to negotiate for smoking cessation and how to break bad news.

A final innovation in the clerkship is the introduction of Personal Digital Assistants (PDAs) into the course. Supported by a predoctoral training grant from HRSA, the clerkship provides students with Tungsten-C PDAs that offer a pharmaceutical database, ePocrates Pro, and an Evidence Based Medicine resource, InfoRetriever. Every student now has access to pertinent, up-to-date evidence at the point of clinical care.

YEAR 4

CONTRIBUTIONS TO THE 4TH YEAR PSYCHIATRY CORE CLERKSHIP

During the medical students' 4th year Psychiatry required clerkship, Dr. Dana King contributes to a monthly case-based seminar on "Spirituality and Mental Health." Students discuss cases involving spirituality and health, including a patient who has had a myocardial infarction and is dealing with anxiety and spiritual concerns, a schizophrenic patient who thinks he is a religious figure, the ethics of volunteer medical clinics and missions sponsored by religious organizations, and a patient dealing with the stress of terminal illness.

FAMILY MEDICINE EXTERNSHIP (ACTING INTERNSHIP)

The Department continues to offer an excellent educational experience that satisfies a 4th year medical student's requirement to complete an Externship, also known as an Acting Internship. The Externship allows 4th year medical students to perform as if he/she were an intern, on the busy Trident Hospital Family Practice service.

4TH YEAR ELECTIVE COURSES

Dr. Dana King teaches a popular new 4th year elective entitled "Clinical Medicine, Spirituality and Health." Students chose this elective in 2 of the first 3 months it has been offered. The elective offers clinical spiritual history-taking experience, in-hospital rounding with chaplains, and relevant readings in spirituality and health.

Dr. Peter Carek offers a one-month elective in Sports Medicine for 4th year medical students. Students often seek out this elective not only to develop assessment and management skills in this area, but also to consider a career track that includes a Sports Medicine focus.

OTHER ACTIVITIES OF THE DEPARTMENT IN MEDICAL EDUCATION THE HOMELESS SHELTER MEDICAL CLINIC

Faculty members Drs. Robert Mallin, William Simpson, and David Garr and FM resident Dr. Mark Mahoney served as preceptors at the clinic during the past academic year. During the present academic year more residents will become preceptors. The students appreciate the teaching and support provided by the Department and the FM residents have enjoyed the teaching role greatly.

STUDENT DEVELOPMENT AND DIVERSITY PROGRAM (SDDP)

Dr. David Garr, in his role as Executive Director of the SC AHEC, has helped to oversee the Student Development and Diversity Program (SDDP). The SDDP seeks to attract and support high school and college students' interested in careers in the health professions. A number of the students who have participated in this program over the years have graduated from the College of Medicine at MUSC.

STUDENT RESEARCH

Dr. Arch Mainous has continued to sponsor medical students who participate in research projects in the summer between 1st and 2nd years. As an example of that successful program, Dr. Richelle Koopman and Karen May, a summer research program medical student, recently had their paper accepted for publication from last summer's project: "Specialist management and coordination of 'out of domain care'." Dr. Koopman has also served as a member of the North American Primary Care Research Group Board Subcommittee on increasing student, resident, and fellow research activity.

Dr. Steven Ornstein worked with medical student Cara Litvin during a month-long research elective. The student developed a wonderful web resource detailing the A-TRIP project, which seeks to disseminate a successful quality improvement model to a greater number of practices. The improvement model incorporates evidence-based strategies of teamwork, organizational change, patient activation, individualized and population-based medicine, and electronic medical record (EMR) tools. She presented her work at the annual practice-based research network of practices that use Practice Partner, an EMR, in Seattle. Check it out: <http://www.musc.edu/PPRNet/atripindex.htm>

STUDENT ELECTIVE COURSES

Dr. Albert Keller is offering four elective courses this semester: "Complementary and Alternative Medicine (CAM)", "Faith / Spirituality in Medicine", the "Narrative Heartbeat of Medicine (Medicine and Literature)", and "Life Force: Archetypes and Historical Origins of Western Medicine in Ancient Greece". Students from many colleges participate in these courses; the CAM elective, for example, had 17 students: 6 pharmacy, 8 medical, and 3 other students.

The newest elective that Dr. Keller offers is "Life Force: Archetypes and Historical Origins of Western Medicine in Ancient Greece." This course studies not the newest information and practices in medicine (as the rest of medical education does) but the oldest, as a way to understand healing "from the inside." Dr. Keller notes, "We begin with what Jung called 'the collective unconscious' — the 'forgotten and long-buried primitive mind with its host of images, which are to be found in the mythologies of all ages and all peoples.' We examine Greek mythology relating to healers, Greek psychodrama (classic tragedies and contemporary echoes), and ancient healing institutions and practices up through the Aesclepien-Hippocratic-Christian synthesis. We hope to work out a philosophy of medicine that combines 21st Century science with the wisdom of the human race for most of history."

RESIDENCY PROGRAM UPDATE

2003-04

The Trident Family Practice Residency Program continues to be a fruitful collaboration for Trident Regional Medical Center and the MUSC Department of Family Medicine faculty. The residency program allows our residents to obtain clinical training in a community hospital that provides a wide range of medical services while offering the academic support of a university teaching faculty. In addition, residents perform rotations in pediatrics, emergency medicine, and family medicine inpatient at MUH which complements the other clinical services available in the Trident Health System.

CLINICAL SCHOLARS PROGRAM

Another way that the residency training program has been able to merge community-based clinical training with the academic emphasis of a university Department has been the Residents' Clinical Scholars Program. Begun in 1995 under the direction of Steve Ornstein, MD, the Clinical Scholars Program has been an integral aspect of our residency program for the past several years. A collaborative group that includes Steve Ornstein, MD, Lori Dickerson, Pharm D, Terry Steyer, MD, Vanessa Diaz, MD, and Peter Carek, MD, MS, now assists the residents in this program. During the Clinical Scholars Programs residents are expected to complete a scholarly project involving either clinical research or quality improvement.

The Clinical Scholars Program is required of each resident during each of their second and third years. Projects may be 1 or 2 years in duration depending upon the data that needs to be collected or clinical problem being addressed. Residents are provided scheduled time each week to consult their faculty mentors and work on their chosen topic. Residents may focus for their project either on quality improvement, clinical research, or educational research.

Residents are required to present their project results during the MUSC Department of Family Medicine Resident Scholarship Day held during June of each year. This year's research award winner was John Freedy, MD, PhD, for his project titled "Lifetime Trauma Exposure and Mental Health Status Among Veteran Administration Primary Care Patients." "The Prime Study: Prescribing of Inappropriate Medications in the Elderly" won for best quality improvement initiative. This project was conducted by Beth Price, MD, and Sara Young, MD.

This past year, residents were also able to present their projects during the Hickory Knob Symposium, sponsored by the South Carolina Area Health Education Consortium (SC AHEC). Presentations were categorized into the following areas: basic research, clinical review, case report, or quality improvement. Topics focused on any area of interest to a primary care audience (e.g., patient care, preventive strategies, practice-based systems of care, or resident education). The presentations were judged and awards provided to the winner in each category. Meg Wright, DO, a third year resident, received the

award for the best quality improvement project ("Improving Diagnosis of Postpartum Depression Through Patient Education"). A complete list of resident projects is shown in the Table, on page 8.

ACGME CORE COMPETENCIES

Recently, the Accreditation Council for Graduate Medical Education (ACGME) has begun to require the incorporation of specific core competencies of accredited residency programs. The core competencies include:

- **Patient Care** that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.
- **Medical Knowledge** about established and evolving biomedical, clinical, and cognate (e.g. epidemiological and social-behavioral) sciences and the application of this knowledge to patient care.
- **Practice-Based Learning and Improvement** that involves investigation and evaluation of their patient care, appraisal and assimilation of scientific evidence, and improvements in patient care.
- **Interpersonal and Communication Skills** that result in effective information exchange and teaming with patients, their families, and other health professionals.
- **Professionalism** as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.
- **Systems-Based Practice** as manifested by actions that demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.

Fortunately, our program has been addressing many of these core competencies.

OTHER RESIDENCY NEWS

Kesh Hebbar, MD finds joy and passion in two very different activities. In addition to traveling around the world to attend cricket matches, Dr. Hebbar is a committed and passionate medical educator. In recognition of his outstanding teaching skills, the resident class of 2004 honored him with the Annual Golden Oyster Award for Excellence in Residency Education.

In a demonstration of their gratitude for the work of other faculty and preceptors, the residents presented several other teaching awards. Lori Dickerson, PharmD received a special recognition for her outstanding commitment and dedication to quality resident education. Arthur Shepard, MD, a neonatologist with the Trident Health System, received the hospital teacher of the year award. Vanessa Diaz, MD, a graduating faculty development fellow, was presented with the Developing Faculty Award. This award is given to a junior faculty member who has demonstrated commitment and excellence in resident education.

Resident awards also were presented during the graduation ceremonies. Setting a standard for resident classes to come, the entire graduating class was awarded the Outstanding Resident of the Year honor, an award sponsored annually by the South Carolina Chapter of the American Academy of Family Physicians. The Society of Teachers of Family Medicine Annual Resident Teacher of the Year Award was presented to Lee Chisolm, MD. Dr. Chisolm was a favorite among the junior residents and medical students.

The residency class of 2004 represented one of the finest groups of residents to have completed our program. We thank them for being part of our family and wish them the best as they start their careers in the following locations:

<u>Resident</u>	<u>Location</u>
Kari Cataldo, MD	Sullivan, IL
Lee Chisolm, MD	Athens, GA
Nikki Halverson, MD	Mt. Pleasant, SC
Mark Little, MD	Charleston, SC
Mark Mahoney, DO	Martinsville, VA
Katie Gerhad, MD	Cincinnati, OH
Greg Player, MD	Blue Ridge, GA
Beth Price, MD	Goose Creek, SC
Zakiya Steadman, MD	North Charleston, SC
Vyvyan Sun, MD	Goose Creek, SC
Meg Wright, DO	Cranberry Lake, NY
Sara Young, MD	Charleston, SC

RESIDENT SCHOLARS PROJECTS FOR 2003-2004

- Sarah Taylor, MD: Does Awareness of the Risks of Artificial and Natural Tanning Influence Tanning Behavior Among College Students?
- Sara Schwiesow, PharmD: Recognizing Tobacco Use and Improving Smoking Cessation Rates with Electronic Medical Records
- Ann Rodden, DO: Education About Prescription Drug Discount Card Programs
- Ivar Frithsen, MD; Johnny Weeks, MD: Knowledge and Attitude Concerning Fish Advisories Among Sport Fishermen in a Southeastern Coastal Community.
- Mark Little, MD: Health Risk Appraisal Status: Are Family Medicine Residents or Faculty Serving as Role Models?
- Shay Sabom, MD: The Use of the B-type Natriuretic Peptide at Trident Hospital
- Lee Chisolm, MD: BOTOX and the Family Physician
- Megan Wright, DO: Improving Diagnosis of Postpartum Depression Through Patient Education
- Wendy Miller, MD; Kari Cataldo, MD; Katie Peeden, MD: The Effects of Balint Training on Physician Burnout
- Priscilla Holtzclaw, MD: Improving Diabetes Care in the Primary Care Setting"
- Beth Price, MD; Sara Young, MD: The Prime Study: Prescribing of Inappropriate Medications in the Elderly
- Vyvyan Sun, MD: Quality Improvement in the Nursing Home
- William Burkhalter, MD: Screening for Substance Abuse in Patients with Depression
- Mark Mahoney, MD; Greg Player, MD: Parental Opinion of Resident Care of Newborns
- Zakiya Steadman, MD; Nikki Halverson, MD: Colon Cancer Screening in the LowCountry: Barriers to Care
- Kari Cataldo, MD; Katie Peeden, MD: Association Between Balint Training, Physician Empathy and Work Satisfaction
- Richard Wall, MD; J. Henk Burger, MD; Julie Stephens, MD; Amy Black, MD: The Motivational Efficacy of Spirometric Health Evidence in Smoking Cessation
- John Freedy, MD, PhD; Kathryn Magruder, PhD: Lifetime Trauma Exposure and Mental Health Status Among Veteran Administration Primary Care Patients

RESEARCH SECTION

One of the goals within the strategic plan of the Department and the Research Section has been to improve the national reputation and recognition of the Department as one of the leaders in family medicine research. The 2003-2004 academic year has been one in which the Research Section has had substantial success at increasing the visibility of the Department's researchers and at garnering research grants to support future research efforts in the Department.

RECOGNITION AT PROFESSIONAL MEETINGS

The Research Section had an outstanding year in disseminating their research at major Family Medicine Professional Meetings and in the literature. Several faculty members from the Research Section were recognized at the 2003 North American Primary Care Research Group (NAPCRG) annual meeting, an international primary care research organization with more than 620 attendees at the meeting in Banff, Canada. This meeting has a variety of presentations with six papers selected as Distinguished Papers and an additional six as Extended Papers. These papers are selected by a peer-review process and presenters are given additional time and recognition because of the high quality of their research.

At the 2003 NAPCRG meeting, two of the six Distinguished Papers were from the Department of Family Medicine at MUSC. Dana King, MD, Associate Professor in the Department and member of Research Division presented one Distinguished Paper on "Dietary fat, fiber, and elevation of C-reactive protein." The other Distinguished Paper was presented by Brian Wells, MD, MS a second-year faculty development fellow who spoke on "Transferrin saturation: the link with low-density lipoprotein and mortality." In addition to these two Distinguished Papers, Vanessa Diaz, MD, MS, a second-year faculty development fellow was selected to give one of the Extended Papers. Her presentation was entitled, "Unrecognized obesity: implications for undiagnosed hypertension, diabetes and hypercholesterolemia." Other members of the Research Section presenting papers at NAPCRG were Richelle Koopman, MD, MS, Terrence Steyer, MD, Steven Ornstein, MD, and Arch Mainous, PhD. Peter Carek, MD, MS, the departmental residency director, also presented an original research paper.

The Research Section also was well-represented at the 2004 annual meeting of the Society of Teachers of Family Medicine (STFM). Although the STFM meeting has over 1,000 attendees, only a few select research papers are chosen for oral presentation. An example of this is the 2004 STFM meeting, where only 38 podium presentations of original research papers were selected from over 100 submission. Of those 38 research presentations, members of the Research Section (Drs. Koopman, Diaz, King, Wells, and Mainous) presented or were co-authors on six paper — 16% of the total original podium presentation research presented at this national meeting. In addition, Heather Liszka, MD a first-year faculty development fellow in the Department of Family Medicine was selected for a \$1,000 travel grant to present her research paper entitled "Prehypertension and cardiovascular morbidity" at a special STFM forum dedicated to resident, student, and fellow research.

PUBLICATIONS

Members of the Department published 54 original research papers published in peer-reviewed journals in the 2003-2004 academic year. One highlight of these publications was the January 2004 issue of *Family Medicine* which was a special issue focused on research on the process of primary care, edited by Arch Mainous, PhD.

GRANT FUNDING

Although the division has been successful in acquiring funding for its activities through a variety of funding sources, the funding was outside the National Institutes of Health and consequently relatively invisible to many who track research success. For the past year, the Research Section has set a goal of making advances in our ranking of NIH funding for family medicine departments. The past academic year marked several significant strides in this area as three department faculty members served as principal investigators (PI) or Co-PI on NIH awards (see accompanying article on next page). In addition, one of our recent fellows, Vanessa Diaz, MD, has been awarded a Robert Wood Johnson Minority Faculty Development research award that will provide research support for her work over the next 4 years.



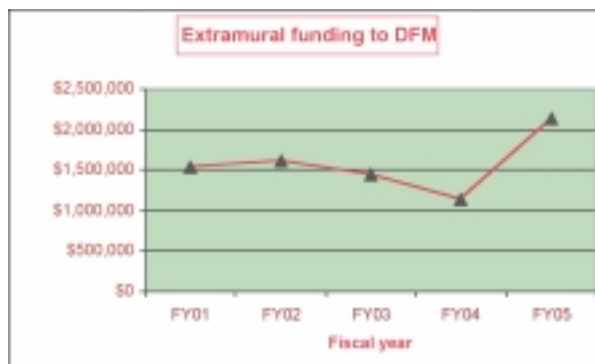
RESEARCH FUNDING CLIMBS IN DEPARTMENT

The Department of Family Medicine continues to be successful with gathering extramural research funding to support the scholarly work of our faculty. At the start of the 2005 fiscal year, the Department already has secured over \$2.1 million in direct funds for research and over \$2.6 million overall, which is an all-time high for extramural funding the Department (see graph). In addition to an overall increase in research funding, during the past five years there has been a major increase in the proportion of funding from federal sources which accounted for 59% of all funding in fiscal year 2001 to 84% of funds already secured for fiscal year 2005.

Four members of the Research Section were successful this year at securing new NIH grants. Dana King, MD was awarded an R01 grant from the National Heart, Lung and Blood Institute for more than \$1,280,000 to study the relationship between a high fiber diet and C-reactive protein. Arch Mainous, PhD was awarded a grant from the National Institute of Diabetes, Digestive and Kidney Diseases to study the relationship between the universal access health care system in the United Kingdom with the market-based health care system in the United States in terms of diabetes care for minorities. Finally, Dr. Steve Ornstein is co-PI along with Peter Miller, PhD, in the Department of Psychiatry on a 3-year grant funded by the National Institute of Addiction and Alcohol Abuse to look at alcohol abuse in patients with hypertension seen in the Practice Partner Research Network. Finally, Richelle Koopman, MD, who finished her faculty development fellowship with us in 2003, was awarded a grant from the National Institute of Diabetes, Digestive and Kidney Diseases to study the epidemiology of unrecognized diabetes in the United States.

These grants are in addition to two other federal grants that involve Research Section faculty. Dr. Mainous already serves as PI on the Measurement Core of a large National Institute on Aging grant that established the Resource Centers for Minority Aging Research. Dr. Ornstein is currently PI on an additional grant from the Agency for Healthcare Research and Quality that is looking how to encourage practices to adapt to new practice recommendations for cardiovascular care.

In addition to the grants noted above, the Department has four training grants including two that are directly related to research. Dr. William Hueston serves as the PI for a four-year Academic Units Grant funded by the Health Resources Services Administration (HRSA) which provides seed funding for our junior faculty to engage in aging-related research projects. Additionally, Dr. Arch Mainous serves as PI for a HRSA-funded grant for our research faculty development fellowship program. Currently the Department has three faculty development fellows who are supported by this grant.



HRSA also provides funding for two other training grants housed in the Department of Family Medicine. Dr. Alec Chessman serves as PI of a predoctoral training grant that focuses on introducing service learning with underserved patient populations into the third year clerkship and Doctoring curricula. Dr. Peter Carek is PI of a residency training grant that will focus on educating residents about clinical practice guidelines and providing

provider-specific feedback to residents and faculty about their adherence with current guidelines.

Overall, the Department now has 10 federally-funded projects (see accompanying Table).

As indicated above, while federal funding accounts for over three-quarters of Departmental extra-mural funding, other members of the Department's Research Section have been successful at generating funding from non-federal sources. Terry Steyer, MD, currently serves as project director for a project that is in the third year of a 4-year contract through the American Medical Student Association to provide leadership training for residents in the U.S. Vanessa Diaz, MD, who finished our faculty development fellowship in July, 2004, has been awarded a 4-year Robert Wood Johnson Minority Faculty Development Award that starts in January, 2005.

FEDERALLY FUNDED FACULTY IN DEPARTMENT OF FAMILY MEDICINE

Arch Mainous, PhD

- NIDDK, Racial disparities in diabetes in the U.S. and U.K.
- NIA, Measurement Core, South Carolina Cooperative for Health Aging in Minority Populations
- HRSA, Faculty Development Fellowship in Family Medicine

Steve Ornstein, MD

- AHRQ, Accelerating TRIP (Translating Research into Practice) in a Practice-Based Research Network
- NIAAA, Facilitating Alcohol Screening of Hypertensive Patients

Dana King, MD, MS

- NHLBI, Dietary Fiber and Cardiovascular Inflammation Markers.

Richelle Koopman, MD, MS

- NIDDK, Undiagnosed Diabetes: Predictors and Comorbidities

William Hueston, MD

- HRSA, Academic Units Grant on Aging Using Secondary Data Analysis

Peter Carek, MD, MS

- HRSA, Residency Training in Family Medicine

Alexander Chessman, MD

- HRSA, Predoctoral Training Grant: Systems Improvement to Reduce Health Disparities

CURRENT GRANT FUNDING

PETER CAREK, MD

Grant Title: Training in Primary Care Medicine and Dentistry 7/1/04-6/30/07
 Grant organization: Health Resources and Services Administration \$491,066
 Aim: To fully integrate the core competency of practice-based learning and improvement into the educational activities of the residency program.

ALEXANDER CHESSMAN, MD

Grant Title: Training in Primary Care Medicine and Dentistry 7/1/04-6/30/07
 Grant organization: Health Resources and Services Administration \$525,015
 Aim: To improve students' competence to care for individual patients including the health care of populations.

VANESSA DIAZ, MD

Grant title: "Developing a Culturally Appropriate Weight Loss Program for Hispanics 01/04-12/04
 Granting organization: Excellence in Partnerships for Outreach, Research and Training \$24,922
 (EXPORT) Pilot Project Program (Agency for Healthcare Research and Quality)
 Aim: To identify the elements of a culturally appropriate weight loss program through the use of focus groups in Hispanics of low acculturation status.

Grant title: The Influence of Aging and Race/Ethnicity on Insulin Resistance 09/04-08/05
 Granting Agency: Resource Center for Minority Aging Research \$20,000
 Aim: To evaluate the influence of aging and race/ethnicity on the risk for insulin resistance using secondary data analysis.

Grant title: Evaluating the Relationship Between Race/Ethnicity and Cardiovascular Risk 01/05-12/08
 Granting Agency: Harold Amos Medical Faculty Development Program of the Robert Wood Johnson Foundation \$365,400
 Aim: To evaluate the impact of obesity and physical activity on the association between race/ethnicity and cardiovascular risk through the use of primary and secondary data collection.

WILLIAM J. HUESTON, MD

Grant title: Academic Administrative Units in Primary Care 09/03-08/06
 Granting organization: Health Resources and Services Administration (HRSA) \$506,213
 Aim: To train junior investigators in using longitudinal data from existing data sets to examine issues related to aging in the U.S. population.

DANA E. KING, MD

Grant title: Dietary Fiber and Cardiovascular Inflammatory Markers 07/04-06/07
 Granting organization: National Heart Lung and Blood Institute (NHLBI) \$926,556
 Aim: To determine whether inflammation is a key mediator in the link between fiber intake and cardiovascular disease risk.

Grant title: Prospective Study on the Effect of Beta Blocker Treatment with Toprol-XL to Reduce C Reactive Protein Levels in High-Risk Patients with Hypertension, Diabetes, and/or Heart Failure 01/04-12/04
 \$114,305

Granting organization: Astra-Zeneca

Aim: To assess whether there is an indication of efficacy of beta-blocker (TOPROL XL) therapy to reduce C-Reactive Protein (CRP) levels in people with hypertension, stable angina, or heart failure.

RICHELLE J. KOOPMAN, MD

Grant title: "Undiagnosed Diabetes: Predictors and Comorbidities" 07/04-06/05
 Granting organization: National Institute for Diabetes, Digestive, and Kidney Diseases (NIDDK) \$100,000
 Aim: To determine factors associated with undiagnosed type 2 diabetes and to document the prevalence of existing conditions of type 2 diabetes in those with undiagnosed type 2 diabetes in the United States population and compare this prevalence to those without evidence of type 2 diabetes.

ARCH G. MAINOUS, III, PHD

Grant title: Family Medicine Faculty Development Fellowship 07/02-06/05
 Granting organization: Health Resources and Services Administration (HRSA) \$250,000
 Aim: To provide a program to enhance the skills of academic family physicians in the clinical setting and in the area of research.

Grant title: Rural African American Research Center 09/03-08/04
 Granting organization: Health Resources and Services Administration \$70,925

Aim: This collaborative project between the University of South Carolina, the Medical University of South Carolina and South Carolina State University will conduct research on health issues affecting rural African Americans.

(See CURRENT GRANT FUNDING continued on page 13)

SPOTLIGHTS

This section highlights leadership position positions, national presentations, and other accomplishments by our faculty and alumni over the past year:

AWARDS AND HONORS

Bill Simpson, MD, Professor and Director of the Agromedicine/ Public Health Section, was presented a Distinguished Faculty Service Award by the MUSC Health Sciences Foundation at the 2004 academic year Convocation in August, 2004. This prestigious award recognizes Dr. Simpson's many contributions to the University, Department of Family Medicine, and the community.

Arch (Chip) Mainous, PhD, Professor and Research Section Director, was named a Primary Healthcare Health Policy Fellows for 2004 by the Department of Health and Human Services. Dr. Mainous participated in the multidisciplinary health policy fellowship from March through June, 2004. Dr. Mainous was nominated for this position by the North American Primary Care Research Group in which he serves as the Chair of the Program Committee and member of the Board of Directors. Dr. Mainous also received an award for Distinguished Service from the Department of Health and Human Services in 2003.

D. Todd Detar, DO, Associate Professor, was selected as an American Osteopathic Association Health Policy Fellow for 2003-2004.

Kelly Ragucci, PharmD, Assistant Professor of Family Medicine, was named the Professor of the Year by the College of Pharmacy Class of 2004 and the Class of 2005.

LEADERSHIP POSITIONS

Terry Steyer, MD, Assistant Professor, was named to a 2-year term as Chair of the Legislative Affairs Committee of the Society of Teachers of Family Medicine. In addition to chairing this committee, Dr. Steyer will serve on the Board of Directors of STFM.

Peter Carek, MD, Professor and Residency Director, was serves as member at large to the Board of Directors of the Association of Family Medicine Residency Directors. Dr. Carek also was named as the AFMRD representative to the Board of Directors of the Annals of Family Medicine journal and as the AFMRD liaison to the Board of Directors of the North American Primary Care Research Group.

Dr. Bill Hueston, Professor and Department Chair, continues to serve as the Association of American Medical Colleges Council of Academic Societies Representative and board member for the Society of Teachers of Family Medicine. Dr. Hueston also was elected Vice President of the South Carolina Academy of Family Physicians in November, 2003. Dr. Hueston also was

reappointed as Chair of the Legislative and Government Affairs Committee and the Advisory to Students and Residents Committee of the SCAFP.

Amy Blue, PhD, Associate Professor and Associate Dean for Curriculum and Evaluation, was named to the editorial board of Teaching and Learning in Medicine.

Dr. David Garr, Professor and Executive Director of the South Carolina Area Health Education Consortium, was named President of the Association of Teachers of Preventive Medicine.

Dr. Todd Detar serves as a trustee on the Board of Directors of the South Carolina Osteopathic Medical Society.

NOTEWORTHY PRESENTATIONS

Arch Mainous, PhD, delivered the keynote plenary presentation at the 18th Annual Primary Care Research Methods and Statistics Conference in San Antonio in December, 2003.

Heather Liszka, MD, Instructor and faculty development fellow, has had her research paper selected as a Distinguished Papers for the 2004 North American Primary Care Research Group meeting in Orlando. Another paper by **Richelle Koopman, MD**, Assistant Professor, was selected for an Extended Presentation at the same meeting.

Lisa Hunter, MD, delivered an invited presentation entitled "PCOS: It's not just infertility anymore" at the Institute for Insulin Resistance Syndrome Symposium in Nassau, Bahamas.

COMMITTEE PARTICIPATION

Dr. Chip Mainous participated on the National Institute of Child Health and Human Development Special Emphasis Panel ZHD1 DSR-H (LR)

Bob Mallin, MD, Associate Professor, served on the Step I Committee for the National Board of Medical Examiners this year.

Dr. Amy Blue was a member of the National Board of Medical Examiners Center for Innovation's Professionalism Instrument Design Task Force.

Dr. Bill Hueston represented the American Academy of Family Physicians at a meeting sponsored by the CDC and the Maternal and Child Health Division of the Health Resources Service Administration looking at research needs in the area of peri-partum depression.

Lisa Hunter, MD, Associate Professor, serves on South Carolina Maternal and Child Health Committee.

Dr. David Garr chaired the Healthy People Curriculum Taskforce sponsored by the Association of Teachers of Preventive Medicine and Association of American Medical Colleges.

Dana King, MD, Associate Professor, was appointed to the MUSC General Clinical Research Center Advisory Committee.

Terry Steyer, MD, and **Kelly Ragucci, PharmD**, were selected as new faculty in the Presidential Scholars Program at MUSC.

Kelly Ragucci, PharmD, serves as the Chair of the Constitution and Bylaws Committee of the American College of Clinical Pharmacy (ACCP) and as Secretary of the Ambulatory Care and Practice Network of the ACCP.

Barry Hainer, MD, Professor, serves as co-chair of the American Academy of Family Physicians Skin Problems and Disease Conference.

Wanda Gonsalves, MD, Assistant Professor, co-chaired the STFM Group on Minority and Multi-cultural Health.

PROMOTIONS

Steve Ornstein, MD, and **Alec Chessman, MD**, were promoted to Professor this past year.

Vanessa Diaz, MD, one of our faculty development scholars, completed her Masters of Clinical Research Degree and was promoted from Instructor to Assistant Professor.

Kelly Ragucci, PharmD, was promoted to Associate Professor in the College of Pharmacy and Department of Family Medicine.

ALUMNI IN THE NEWS

Mary Frank, MD, residency graduate in the class of 1976, was elected as President-elect of the American Academy of Family Physicians in October, 2003 and will be installed as the first woman President of the AAFP in October, 2004.

Mary Hall, MD, was named Chair of the Department of Family Medicine at Carolinas Medical Center in Charlotte, NC. Dr. Hall had been serving as Acting Chair for the past year.

(CURRENT GRANT FUNDING continued from page 11)

Grant title: SC Cooperative for Healthy Aging in Minority Populations 09/02-08/07
 Granting organization: National Institute on Aging \$395,867
 Aim: The long-term goal of this project is to improve the health and well being of older African American populations in South Carolina, and through the provision of resources to enable research which will identify ways to reduce the health disparities experienced by African Americans.

Grant title: Racial Disparities in Diabetes in the US and the UK 07/04-06/06
 Granting organization: National Institute for Diabetes, Digestive, and Kidney Diseases (NIDDK) \$395,867
 Aim: To investigate whether differences in access to care are associated with differences in detection of diabetes as well as control, between racial and ethnic groups in the United States and the United Kingdom

STEVE ORNSTEIN, MD

Grant title: Accelerating the Translation of Research Into Practice (TRIP) in a Practice Based Research Network 09/02-09/06
 Granting organization: Agency for Healthcare Research and Quality (AHRQ) \$396,613
 Aim: To disseminate the PPRNet-TRIP model of quality improvement to a broader number PPRNet practices.

Grant title: Facilitating Alcohol Screening of Hypertensive Patients 07/04-6/07
 Granting organization: National Institute on Addiction and Alcohol Abuse (NIAAA) \$1,820,740
 Aim: To provide an evidenced-based educational intervention to facilitate the routine use of alcohol screening in those patients with hypertension.

DAVID GARR, MD AND WILLIAM SIMPSON, MD **09/03-08/05**

Grant title: Bioterrorism Training & Curriculum Development Program \$1,114,961
 Granting organization: Health Resources and Services Administration (HRSA)
 Aim: To develop programs to educate health care providers in South Carolina about risks and treatment for diseases possibly related to bioterrorism

TERRY STEYER, MD

Grant title: Leadership Seminar Series for Primary Care Residents and Faculty in Medicine and Dentistry 10/02-09/07
 Granting Organization: American Medical Student Association \$201,235
 Aim: The goal of this project is to develop public health leadership skills for primary care medical and dental residents and faculty.

NEW FACULTY



SARA YOUNG, MD

Sara graduated from Boston University in 1997 with a BA in Chemistry: Focus in Biochemistry. She received her medical degree from Boston University in 2001 before coming to Charleston for the MUSC/ Trident Family Medicine Residency. She completed her residency in 2004 and immediately began her fellowship in clinical research. Her professional interests include the doctor-patient relationship, continuity of care, and geriatrics.

Personal Interests: biking, scuba diving, and reading

SPECIAL FACULTY RECOGNITION



BILL SIMPSON, MD, RECEIVED MUSC COMMUNITY SERVICE AWARD AND NAMED FAMILY PHYSICIAN OF THE YEAR BY SCAFP

William Simpson, MD, Professor of Family Medicine, received two special recognition awards this past year. In August, Dr. Simpson was awarded the MUSC Community Service Award at the Annual Faculty Convocation. Dr. Simpson has served on the Department faculty for 29 years and the award recognized his numerous contributions to MUSC, the Department of Family Medicine, and the community.

In addition, Dr. Simpson was named the South Carolina Academy of Family Physician Family Physician of the Year. As noted in the SCAFP Journal, "The selection is based on Dr. Simpson's numerous public service and community volunteer activities as well as an illustrious career as a faculty member at the Medical University of South Carolina. His efforts at improving the health and welfare of residents of our community and across the state are truly admirable." The award was presented at the 2004 Annual Meeting of the SCAFP, held November 11 – 13 in Hilton Head, SC.



WANDA GONSALVES GIVEN NATIONAL TEACHING AWARD

Wanda Gonsalves, MD, Assistant Professor of Family Medicine, was one of the recipients this year of the American Academy of Family Physicians Teacher of the Year Awards. Dr. Gonsalves was recognized for her dedication to providing service education with underserved communities. Dr. Gonsalves received the award at the American Academy of Family Physicians Annual Scientific Assembly in Orlando, FL, in October, 2004.

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Peter Carek, M.D.

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Topping DB, Hueston WJ, MacGilvray P. Family Physicians Delivering Babies: What Do Obstetricians Think? *Fam Med* 2003;35(10):737-41.

Lisa Hunter, M.D.

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