



ANNUAL REPORT

2006-2007

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 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>

BUILDING ON TRADITION, BUILDING ON SUCCESS

William J. Hueston, MD

The Department of Family Medicine at the Medical University of South Carolina has a legacy of leadership and innovation. The Department was the first Department of Family Medicine in a U.S. medical school and set out on its initial mission to train the future educators and leaders in family medicine. Nearly four decades later, the Department of Family Medicine is a national leader in scholarship and education in the nation and provides many important contributions to the mission of the University.



Dr. Bill Hueston

One of our key areas of contribution to MUSC's College of Medicine is our department's involvement in student teaching. Faculty members from Family Medicine serve as course directors in all four years of medical student training ranging from the Doctoring Curriculum, which prepares new students to interact with patients, to a fourth year course in health delivery systems. Our third year clerkship places students with rural doctors throughout the state where the students spend 6 weeks working shoulder-to-shoulder with a community family doctor. This clerkship has been the highest rated clerkship at MUSC for the past two years, both on the 3rd year evaluations and on the 4th year student graduation questionnaire.

The Department also participates in a residency program that is a collaborative effort between MUSC and the Trident Regional Medical Center in North Charleston. In addition to our 30-resident family medicine training program, our department and Trident Regional Medical Center opened a new 6-resident transitional year program this past year in collaboration with the MUSC Department of Radiology. Residents in our program complete rotations mainly at Trident Hospital but also do some training in selected specialties and in outpatient medicine at the Medical University of South Carolina Medical Center.

Research in the Department of Family Medicine continues to bring national recognition to our Department. The Department has grants from two NIH institutes and another large federal sponsor source (the Agency for Healthcare Research and Quality) along with additional funding from national and state foundations. Department faculty members concentrate their research efforts on diabetes and heart disease as well as helping practices improve their ability to manage these chronic health care problems. The Department also sponsors a research fellowship

program for aspiring family medicine faculty members which includes a masters degree in clinical research.

Finally, faculty in the Department of Family Medicine are committed to our community and state. The Department has joined with MUSC students to host the student-run free clinic two nights a week in our Mt. Pleasant East Cooper University Family Medicine office on Six Mile Road off US 17. Along with other volunteers from MUSC and the community, our faculty members work closely with the students to provide care to needy residents in the area. Additionally, faculty members in the Department serve as medical directors of the Crisis Ministry Free Clinic and as the sports medicine medical staff for the College of Charleston and other athletic events in the Charleston area. All told, Department faculty members provide about 1,000 hours of volunteer medical services a year in the Charleston area.

The tradition of the Department of Family Medicine at MUSC has been to recruit and develop leaders in health care. This tradition continues today as we look forward to training the future leaders of tomorrow.

CLINICAL SERVICES SECTION

The Department of Family Medicine sees patients in three outpatient offices in the Tricounty Area. These include our faculty practice at the Family Medicine Center on the MUSC campus downtown, our residency practice site University Family Medicine located near Trident Regional Medical Center, and East Cooper University Family Medicine, our newest site on 6 Mile Road in Mount Pleasant. East Cooper University Family Medicine also serves as the site for the student-run CARES Free Clinic two evenings a week. This year the three offices provided over 52,000 patient visits, making it one of the largest providers of ambulatory care in our Medical Center and affiliates.

The Department faculty member care for patients at two hospitals: MUSC Medical Center and Trident Regional Medical Center. Starting this past July, our Trident Regional Medical Inpatient Service expanded to two inpatient teams to accommodate even more patients in that facility. We cared for over 1,500 patients admitted to Trident Regional Medical Center in the last year. Patients on our teaching service at Trident included individuals seen in our own University Family Medicine practice, patients of selected practices in the area who use our teaching service for their hospital care, and unassigned patients admitted through the Trident emergency department. Downtown at the MUSC Medical Center we admitted 488 patients. These include patients of our downtown practice, many of the seriously ill children at all our practices, and our maternity care patients and their babies.

Clinical Service Section by the Numbers:

	<u>MUSC Family Medicine Center</u>	<u>University Family Medicine</u>	<u>East Cooper University Family Medicine</u>
Office visits FY 2007:	27,360	22,473	2,128
New Patient Visits	1,478	1,295	188
	<u>MUSC Medical Center</u>	<u>Trident Regional Medical Center</u>	
Hospital Admissions	488	1,542	

SERVICE FOR THE COMMUNITY

In addition to providing care to our patients at our three clinical sites, the Department is also committed to providing medical care throughout the community. Examples of our outreach efforts include prenatal care to medically indigent patients at the Sea Islands Community Health Center on Johns Island. Our faculty members also provide care on-site to pregnant girls at the Florence Crittenton House, a residential and outpatient center addressing the problems of needy teens in Charleston.

In addition to providing direct care for underserved patients, our faculty member are intimately involved in many organizations throughout the area that care for special populations: Dr. Peter Carek serves as medical director for the Crisis Ministry Clinic in downtown Charleston that provides shelter and other assistance to the homeless population; Dr. Wanda Gonsalves serves as the medical director for

the student-run CARES clinic in Mount Pleasant; and Dr. Bill Hueston serves as the medical director for the school-based clinics operated in Hollywood and Charleston in collaboration with the MUSC College of Nursing.

AHEC LOCUM TENENS PROGRAM

For the past five years, the Department has provided relief services for local doctors who need to leave their practice for vacation, continuing education, 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.

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THERE WHEN NEEDED: THE FAMILY MEDICINE SAME DAY SERVICE

“I was visiting a family member who worked at MUSC. I got right in. At the end of my appointment your staff each spoke to me by name and wished me a wonderful visit in Charleston. Wow! Thanks!” [From a nurse from California visiting an MUSC employee]

When most people become ill, they think about picking up the phone and making an appointment with their doctor. Unfortunately, they often are given the choice of coming in on another day or being “worked in” which translates to a long wait in the doctor’s reception area hoping someone else doesn’t show up.



Starting five years ago, the MUSC campus Family Medicine Center decided to change that picture. The practice instituted a “same day” service which caters specifically to our patients who prefer to get their medical care when they need or want it. Not only do patients with acute illnesses use this service, but many of our patients drop in for chronic care needs including medication refills or even sports physicals.

While we thought that this service would meet the needs of the small number of people who become acutely ill each day, the service now accounts for nearly half of all visits to the office. Many of our patients like the convenience of coming in to see the doctor when an opening appears in their personal schedule.

Two years ago, we expanded the program to allow MUSC employees to call ahead when they wanted to be seen. The Employee Advantage program allows MUSC staff to sign in over the phone and be contacted by phone or pager by our nurses when we are ready to see them. This notification system helps employees avoid waiting in our office, and allows them to be more efficient in their job yet still get the care they need.

“Several of my staff members have been talking about how wonderful the Employee Advantage Program is,” one administrative manager wrote

to us in an email. “Today, I had occasion to use it myself, and I must tell you that I agree wholeheartedly with my staff. Once I phoned, I was greeted by a real human being who was cheerful and willing to help me immediately. She asked that I come right over. I did. From the moment I arrived, I was welcomed with smiles

and a professional courtesy rarely witnessed these days. The physician met with me very quickly, was friendly, then sent me to the Pharmacy, where likewise, the employees treated me as though my time was important. Just thought I would send you KUDOS! It is this very well administered area of service that encourages folks like me to brag on MUSC!”

George SeBlonka, director of billing services for UMA, commented, “The program is a great idea and truly supports our mission towards greater employee satisfaction as it provides another access port to physician care for our staff and their families when the unexpected need arises. Additionally, the Department of Family Medicine recognized that our office is remotely located and modified their process to better accommodate our staff by considering the added transportation time needed. For staff who have used the Employee Advantage Program, they were very impressed with how quickly an appointment was made available, how helpful and friendly the staff were as well as a pharmacy being on site.”

The Same Day Service/Employee Advantage team includes several of our physicians who staff the clinic on a rotating basis along with our physician assistant, Peter Dodge, and our two lead nurses, Queen Haynes and Lisa Pinckney, and registration coordinators Tamishia Brown and Yvette Jamerson.

NEW LEADERSHIP IN CLINICAL SERVICES

Dr. Maria Gibson continues in her role as medical director at our University Family Medicine office and Dr. Wanda Gonsalves serves as the medical director of our new office in Mount Pleasant.

After eight years in the Department, Dr. Carolyn Thiedke who had served as medical director of our faculty practice, stepped down last July and decided to take a position with Doctors Without Borders. Dr. Thiedke is currently in Africa on assignment. We are fortunate to have been able to recruit Dr. Miriam (Mimi) Lindrooth to join the Department and serve as medical director of the faculty practice. Dr. Lindrooth

trained at Cook County Hospital and had been in practice in North Charleston for four years before agreeing to join the Department of Family Medicine.

In addition, after more than a decade of service to the Department, Dr. Barry Hainer decided to step down as Clinical Services Director. Dr. Hainer decided to take some time off to accompany his wife to Germany and Spain during her sabbatical from the College of Charleston. When he returns from Europe he will be spending more time conducting education and research into immunization practices and will be more involved in residency education.

ANOTHER PART OF THE FAMILY: OCCUPATIONAL/ EMPLOYEE HEALTH

Like most industries, health care workers are at risk for being hurt on the job. Despite exercising as much caution as possible, activities such as lifting and turning patients or working with sharp instruments can cause an injury. When this happens, MUSC staff members turn to MUSC Employee Health -- and to our faculty physicians who serve as the medical directors and physicians for this important service.

MUSC Employee Health is located at the intersection of Bee and Courtney Streets and administered by University Risk Management which has contracted with the Department of Family Medicine for

medical direction and services. Dr. Ivar Frithsen serves as medical director along with support from Drs. Bill Simpson and Barry Hainer. Most care is managed by two nurse practitioners who staff Employee Health on a daily basis with the physicians seeing patients who need additional care twice a week.

The relationship between Employee Health and our Department is now entering its fourth year. The collaboration is a natural fit since Drs. Frithsen and Simpson comprise our Agromedicine and Public Health team that provides clinical consultations to physicians caring for agricultural

workers who are injured or exposed to toxins across the state. This allows the Department to take some of the occupational medicine training and experience of these two physicians and help those who work side-by-side with us at MUSC as well as those throughout South Carolina.



PREDOCTORAL EDUCATION

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. Todd Detar is the director of the Doctoring Curriculum for 1st and 2nd year medical students.

Doctoring I integrates communication skills, behavior in medicine, and physical diagnosis into the first 2 years of medical school.

Longitudinal Primary Care Experience (LPCE)

Drs. Wanda Gonsalves and Todd Detar directed the LPCE course, a Doctoring Curriculum 1st year course that spans the entire year. Students learn and practice interviewing skills, both in community practices with regular patients and in the classroom with Standardized Patients, actors trained to portray certain roles. Students also learn about special topics such as sleep and geriatrics, while studying the organizational and business side of medical practice.

YEAR 2

Introduction to Clinical Medicine / Evidence Based Medicine

Drs. Bill Hueston and Richelle Koopman co-directed this 2nd year Doctoring course. This second semester course helps students to generate and refine differential diagnoses, including both the most likely diagnoses and those that carry a high risk of morbidity or mortality. Students also learn how to read and interpret medical research articles and apply findings from research studies back to the clinical care of patients.



Caring for the Community

Dr. Wanda Gonsalves led an elective called Caring for the Community. Students learned about the health care system and disparities, and spent time in faith-based medical clinics in the greater Charleston area. Dr. Gonsalves continues to provide faculty leadership for a student-run free clinic that is housed at East Cooper Community Outreach (ECCO) in Mount Pleasant. Serving as a clinical site for the elective, the MUSC Cares Clinic provided care to a growing number of patients, now on two nights per week. During this coming year, the elective will open to students in training to become Physician Assistants, Physical

Therapists, and Doctors of Pharmacy.

The student leaders for the CARES Clinic and Dr. Gonsalves received a grant from the American Association of Medical Colleges' Caring for the Community program. This four-year grant will help support expansion of this valuable service to the underserved people in the community.

YEAR 3: The Family Medicine / Rural Clerkship

Dr. Donna Kern and Alexander Chessman co-direct the family medicine/rural clerkship required for all 3rd year medical students. Students spend 6 weeks in rural practice settings, where they learn from superb clinicians and partner with AHEC, DHEC, and community leaders and organizations to plan and implement community-wide health improvement projects.

Students valued this training highly, and granted this course the highest satisfaction ratings for a clerkship. Students enjoy the autonomy provided within the context of a six-week long relationship with a preceptor in rural practice (see related article). Unlike the usual university hospital-based clerkship, this course places students in settings where they can work one-to-one with skilled clinicians.

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COMMUNITY DOCTORS FORM THE BACKBONE OF THE FAMILY MEDICINE/RURAL CLERKSHIP: SPOTLIGHT ON DALE PADGETT, MD

The Family Medicine/Rural Clerkship has received the highest ratings for any 3rd year clerkship for the past two years. The secrets to the success of this clerkship are the preceptors. One of the highest regarded preceptors is Dr. Dale Padgett who practices in Bamberg, SC.

Dr. Padgett was the first recipient of the South Carolina Academy of Family Physicians Student Educator of the Year Award in 2004. In addition, he was awarded the South Carolina Area Health Education Consortium Preceptor of the Year in 2005. He continues to receive high praises from clerkship students. Comments obtained from students after working with Dr. Padgett include the following:

“Awesome site - awesome teacher! This man is a wonderful human being, a wonderful instructor. I plan to visit his office often and try to model not only my clinical skills after him, but my life as well.”

“He and his staff made me feel welcomed and provided an atmosphere very conducive to learning. I was given the autonomy to be a part of the decision-making process. Dr. Padgett has a genuine interest in teaching, and gave me every opportunity to learn without ever making me feel inept if I didn’t know something. I learned about developing and maintaining ideal doctor/patient relationships, which I will carry with me throughout my career as a physician.”

“Very genuine and sincere individual! He loves students, and it shows. He has an awesome



staff that makes the site welcoming and comfortable.”

“Dr. Padgett demonstrates what it is to know your patients. He always took the time to listen to what was going on in their lives, not just with their health. He was patient with me at all times. He allowed me to take ownership of patients, but was always there to help when I needed it. I could not have asked for a better experience. He reminded me that I really do want to be a doctor! I would go back any day.”

“An outstanding preceptor who seemed genuinely interested in my education. He is now one of my role models of how a doctor should behave. Highly recommend him to other students.”

“Very respectful of student efforts, shared thoughts and experiences on patient care, encouraged me to form independent assessments and make decisions, and then provided constructive feedback. Incorporated the student as an important part of clinic team. Overall, [his practice was a] very friendly and encouraging environment [in which] to learn.”

MUSC is fortunate to have clinical preceptors such as Dale Padgett serving as role models for our students. But Dr. Padgett is just one of over fifty community physicians who participate as instructors in the Family Medicine/Rural Clerkship. The support of all these individuals across South Carolina is greatly appreciated by our Department, our College, and, most importantly, our students.

During the first two and one-half days of each rotation, MUSC faculty members provided practical, hands-on training in managing diabetes, asthma, and hypertension. A Motivational Interviewing workshop prepared students to help patients quit tobacco use. Other workshops covered skin suturing, musculoskeletal physical exam, and interpretation of EKGs. Starting this year, the curriculum will emphasize using personal digital assistants (PDA's) to bring evidence to the point of patient care.

The residency program faculty at Anderson, Florence, Greenwood, and Spartanburg offered a highly regarded procedural skills workshop to these clerkship students. Most students chose to attend these workshops, where they learned about such procedures as line and tube placement, nasopharyngoscopy, casting, joint injections, colposcopy, colonoscopy, and exercise stress testing.

Drs. Maria Gibson and Donna Kern involved some of the clerkship students in group visits for patients who have diabetes. Students learned skills necessary to run a group visit and improve patient education. They led part of the two-hour group visits, and prepared education materials for patients. Michael Aho, a fourth year medical student, presented the results at a poster presentation called "Assessing Diabetes self management education: behavior change, diabetes related distress and depression" at the Annual Diabetes symposium, in Charleston, SC in September 2007 and was awarded first prize in the medical student category. Three additional students also had posters at the symposium. Michael also will contribute to a Lecture-Discussion on a similar topic at the annual Society of Teachers of Family Medicine's Predoctoral Education Conference in Portland, OR in January 2008.

Family Medicine Inpatient Selective

Beginning in academic year 2006-07, the College of Medicine introduced 3-week selectives in the 3rd year. The Department created a popular selective in inpatient family medicine. Four students choose the family medicine inpatient selective during the junior year.

YEAR 4

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 Medicine service.

Because of high demand for this course, a second slot was made available this year.

Elective Courses

Dr. Bill Hueston directs a Medical Delivery Systems elective for 4th year medical students. This seminar series ran from August through March to address topics such as insurance and payment systems for health care, the health care workforce, components of the American medical system, quality of care, and some aspects of personal and professional financial management for physicians.

Dr. Dana King teaches a popular 4th year elective entitled "Clinical Medicine, Spirituality and Health." The elective offers students the opportunity to learn how to take a clinical spiritual history, participate in hospital rounds with chaplains, and introduces them to relevant readings in spirituality and health. Last year saw the largest enrollment ever for this course.

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.

Dr. Todd Detar and Dr. Ann Rodden continue teaching "The Healer's Art." This course is Rachel Remen's internationally acclaimed course, based on a discovery model which draws on tested approaches from humanistic psychology, formational theory, and cognitive and Jungian psychology. Students participated in a series of reflective exercises and group experiences to help prevent the hidden crisis in medicine, the growing loss of meaning and commitment experienced by physicians under the stresses of today's healthcare system. Students delve into their desire to be true healers.

Dr. Wanda Gonsalves developed and implemented a fourth year elective, Student Medical Director of the CARES Clinic. Students learn practice management and develops leadership and teaching skills. During this coming year, the course will also open to 2nd year physician assistant students.

OTHER ACTIVITIES OF THE DEPARTMENT IN MEDICAL EDUCATION

The Charleston Interfaith Crisis Ministries Clinic

As Dr. William Simpson became the Medical Advisor for the student-run clinic, faculty members Drs. Robert Mallin, William Simpson, and David Garr and several family medicine resident physicians served as preceptors at the clinic during the past academic year. The students appreciate the teaching and support provided by the Department, and the family medicine 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' interest 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

Three current and one incoming medical students worked with Dr. Steve Ornstein in the Practice Partner Research Network (PPRNet) this year. Angela Rank (class of 2009) assisted with diagnostic coding. Amanda Barnhorst (class of 2010) has worked this summer updating databases. Nicole Carlton (class of 2010) has helped with template development. Alice Uflacker (class of 2011) assisted with the national colorectal cancer screening trial.

MUSC STUDENTS ENTERING FAMILY MEDICINE RESIDENCY FROM CLASS OF 2007

A total of 17 students from the MUSC Class of 2007 will continue their training in family medicine residencies. Of these students, 14 (82%) selected residencies in South Carolina.

Student	Residency Program
Ezra Ash	McLeod Regional Medical Center
Gregory Cain	Palmetto Richland Regional Health
James Coleman III	St. Vincent's Medical Center
Jeremy Crisp	Palmetto Richland Regional Health
Daniel Dunbar	McLeod Regional Medical Center
Leslie Graves	Self Regional Healthcare
Katrina Herring	MUSC/Trident Family Medicine
Russell Lake	Eisenhower Army Medical Center
Thomas Lucas III	Anderson Area Medical Center
Andrea Matthews	MUSC/Trident Family Medicine
Valerie Musgrave	MUSC/Trident Family Medicine
Angela Pierce	Wake Forest Baptist Medical Center
Brian Reinhardt	Self Regional Healthcare
Sarah Rogers	MUSC/Trident Family Medicine
Aubrey Tell	Self Regional Healthcare
Danielle Towns	McLeod Regional Medical Center
Harrison Youmans	MUSC/Trident Family Medicine

TRIDENT/MUSC FAMILY MEDICINE AND TRANSITIONAL YEAR RESIDENCY PROGRAM

The Trident / MUSC Family Medicine Residency Program continues to be a leader in family medicine education. Our residents and faculty are very active in regional, national and international family organizations and continue to provide significant contributions to the academic foundation of family medicine through publications and presentations.

During the annual graduation dinner for the Trident / MUSC Family Medicine Residency Program, the resident class of 2007 honored Clive D. Brock, MBChB 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. Maria Gibson, MD and Kesh Hebbar, MD received special recognition for their outstanding commitment and dedication to quality resident education.

Resident awards were also presented during the graduation ceremonies. Janet Gould, DO 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 Leah Jacobson, MD. Dr. Jacobson and Shanna Moore-Leslie, MD received Chief Resident awards for Outstanding Leadership.

Regarding the individual members of the residency class of 2007 (see below), a majority of them have decided to remain in South Carolina following graduation. We thank them for being part of our family and wish them the best with their careers.

<u>Resident</u>	<u>Location</u>
Morgan Arvidson, MD	Southport, NC
Stephen Busby, MD	Charleston, SC
John Campbell, MD	Charleston, SC
Janet Gould, DO	Charleston, SC
Leah Jacobson, MD	Charleston, SC
Blake Leslie, MD	Charleston, SC
Shanna Moore-Leslie, MD	Charleston, SC

Scott Ramshur, MD	Charleston, SC
Philip Trangmar, MD	St. Thomas, VI
Frank West, MD	Gloucester, VA

The Trident / MUSC Family Medicine Residency Program, an educational partnership between Trident Medical Center and the Medical University of South Carolina, is a “bridge” between a community hospital and a tertiary care academic medical center. With a foundation in a large community medical center and the opportunity to rotate in a tertiary care hospital with many specialty residencies, this community-based, university affiliated residency program continues to attract excellent family medicine residents to the Charleston area.

<u>Resident</u>	<u>Medical School</u>
<i>PGY-3 Resident</i>	
JJ Benich	MUSC
Framp Henderson	MUSC
Caisson Hogue	Saba University
John Hulvey	University of Virginia
Ferrell McClain	Royal College of Ireland
Rob Post	RWJ School of Medicine
Glen Quattlebaum	University of North Carolina
Kiernan Smith	Royal College of Ireland
Robert Teachman	Arizona College of Osteopathic Medicine
Steve Thomas	Baylor University

<i>PGY-2 Residents</i>	
Lee Allison	MUSC
Kojo Abbeyquaye	University of Kentucky
Nate Averill	University of Kentucky
Stacy Caudill	University of Louisville
Lindsey Cecil	MUSC
Sarah Cottingham	MUSC
Matt Pollack	Medical College of Virginia
Elissa Rausch	East Tennessee State University
Suzanne Weathers	MUSC
John David Williamson	MUSC

PGY-1 Residents

Marion "Chip" Cooper	Saba University
Laurie De Grand	Eastern Virginia Medical School
Julie Fritz	University of Cincinnati COM
Katrina Herring	MUSC
Nikki Hughes	MUSC
Andrea Matthews	MUSC
Valerie Musgrave	MUSC
Misha Phillips-Lee	WV University SOM
Sarah Rogers	MUSC
Donald "Harrison" Youmans	MUSC

The residency's Scholars Program offers trainees an opportunity to experience academic and research pursuits first-hand. This activity culminates in a presentation during Resident Scholars Day conducted each June. The following projects were presented:

- Environmental tobacco smoke incidence in a family practice population. Frampton Henderson, MD, Glen Quattlebaum, MD
- Variation of spleen size in college athletes. John T. Hulvey, MD
- Improving clinical management of patients with heart failure. JJ Benich, MD
- The Stress Test Relevance and Education Self Study (STRESS). Caisson Hogue, MD, Robert Post, MD, Steve Thomas, MD
- Exercise Treatment for Depression at University Family Medicine. Robert Teachman, DO
- Measuring Hypertension Care at University Family Medicine. Ferrell McClain, MD, Kiernan Smith, MD
- Complementary and alternative medicine use in the Hispanic community. Philip Trangmar, MD
- Practical treatment of obesity through education at University Family Medicine. Janet Gould DO, Blake Leslie MD, Shanna Moore-Leslie MD, Scott Ramshur MD
- Assessing the effectiveness of diabetes group education. Leah B Jacobson, MD
- Self care outcomes for patients in a diabetes self-management education program. Frank West, MD
- Is diabetes self-management education desirable and feasible in primary care? Morgan Arvidson, MD
- Attitudes and beliefs about emergency contraception in patients at MUSC family medicine clinics. Stephen C Busby, MD, John W Campbell, MD

NEW TRANSITIONAL RESIDENCY PROGRAM

This year also marked the first year of the Trident / MUSC Transitional Year Residency Program. This program was developed as a partnership between the Departments of Family Medicine and Radiology at MUSC and the Trident Medical Center. Under the direction of Terrence Steyer, MD, the Transitional Year Residency Program obtained initial accreditation from the Accreditation Council for Graduate Medical Education (ACGME) and successfully recruited and graduated its first class of six residents: Hunter Birch, MD, Michael Hanley, MD, Madeline Lewis, MD, Joshua McCain, and John Payne, MD

RESIDENCY TRAINING TRACKS AVAILABLE

Beginning last year, the Trident/MUSC Family Medicine Residency Program has been offering focused areas of study or "tracks." The tracks allow interested residents the opportunity to pursue additional knowledge and skills in a specific area. To date, tracks in Academic Medicine, Inpatient Care, and Sports Medicine have been developed and implemented. During the current academic year, a Women's Health track is being developed.

NEW RESIDENCY COORINATOR NAMED



Karen Turner accepted the position of Residency Program Coordinator in October 2006. Before moving to the residency program, Karen previously served the Department as Office Coordinator for University Family Medicine for several years.

Karen has infused a significant amount of enthusiasm and professionalism into the Residency Program. In addition, she has been instrumental in furthering the implementation of the E*Value residency tracking software into our program.

AGROMEDICINE AND PUBLIC HEALTH PROGRAM

The South Carolina Agromedicine Program (SCAP), now in its twenty-third year of operation, is a combined program of Clemson University and MUSC, housed in the Department of Family Medicine of the Medical University of South Carolina, funded through Clemson’s public service activity. Founded by Dr. Stan Schuman of our department and Dr. Jere A. Brittain of Clemson in 1984, SCAP was the first combined effort of a land grant university and an academic medical center. The two state universities had routinely cooperated on farm health matters for a long time, but not through any formal association. The original stated purpose of the activity was “to promote more efficient, safer and healthier agricultural techniques for crop production.”

Over the years, that original purpose has been maintained, but additional roles have been undertaken in the areas of education of consumers and medical professionals and research. A series of educational brochures has been produced and continuously updated. These were originally distributed through the statewide Clemson Extension Service offices and now available on the web. Some of the topics covered: “Handling Tick Bites,” “Health Effects of Red Imported Fire Ants,” “Preventing Skin Cancer,” and “Health Tips for Older Farmers.”

Research by the Program staff has focused on pesticide related illness (a series of articles describing 25 years of data on hospitalizations in South Carolina due to pesticide poisoning) and insect-related morbidity and mortality (including surveys of primary care practitioner experience with tick and spider bites, pest control operator experience with fire ants inside structures, and delay in referral to allergists for systemic insect allergy). More than 100 articles have been published by program staff on topics related to agromedicine, numerous book chapters and four books, including two editions of AG-MED: The Rural Practitioner’s Guide to Agromedicine (funded by the Office of Rural Health Policy, HRSA[first edition]; and by the National Rural Health Association[second edition]).

During the past year, the program’s Medical Director, Dr. Bill Simpson has answered more than 200 consultations from individuals, community practitioners, agricultural professionals and Cooperative Extension Service staff on topics ranging from insect bites and stings to human health effects of mold/mildew. We regularly describe interesting consultations in our monthly newsletter, the Agromedicine Program Update, available on the web at: www.musc.edu/oem/apunews.html and mailed to more than 250 individuals and practices in the state. Total consultations to the Program now number over 3000.

COMMUNITY SERVICE

The Department of Family Medicine continues to support our community. The Department is proud to have our faculty members working with community groups to improve the health care of people in our area. During the past academic year, 22 faculty members delivered 1,114 hours of service to our community and other areas in need, a 23% increase from the 900 hours provided the previous year.

The areas with the largest involvement of faculty members are shown in the accompanying Table.

Care provided at free clinics in Charleston and surrounding area	404 hours
Volunteer medical coverage of sports event and student physicals	245 hours
Mission trips to provide care overseas	160 hours
Medical relief provided to Katrina survivors in LA and MS	40 hours
All others	265 hours

In addition, over the past year Dr. Simpson has made more than 40 presentations to groups around the state including county farm bureau meetings, beekeepers, cattlemen, and other lay, agricultural and medical audiences. Locations for these presentations have varied from small towns such as Cottageville, Lake City, Walhalla and York, to larger communities such as Spartanburg, Florence and Columbia., with audiences ranging in size from 20 to more than 200.

The staff of the Agromedicine and Public Health Program are excited to add an additional faculty member this year. Dr. Ivar Frithsen, a graduate of the Trident/MUSC residency in family medicine and the MUSC Faculty Development program has joined the Agromedicine Program as Associate Medical Director, effective July 1, 2007. Ivar’s primary area of research is methicillin-resistant Staph. Aureus (MRSA) and brown recluse spider bites, but he also has an interest in fish and marine exposures. Dr. Frithsen presented a paper on the awareness of mercury warnings in fish and fish-consumption behaviors in women of child-bearing age at this past year’s Society of Teachers of Family Medicine.

RESEARCH SECTION

The Department and the Research Division continue to focus on showcasing scholarly activity and research to improve the national reputation and recognition of the Department as a leader in family medicine research. The 2006-2007 academic year has been one in which the Department has sustained the momentum in scholarly productivity that had been evident for the past several years.

This year we said goodbye to one of the key members of the Division. Richelle Koopman, MD, MS joined the Division to matriculate in the 2-year fellowship and stayed on for 4 more years as an Assistant Professor. She is now an Assistant Professor at the University of Missouri-Columbia. We wish her well.

We welcomed one new faculty member to the Division. Marty Player, MD, MS arrived two years ago to the fellowship program. Upon completion of the fellowship and the MSCR program at the end of June, 2007, Dr. Player accepted a position in the Department as an Assistant Professor. Even with changes in personnel we continue to move forward and strive for new and greater levels of success.

Professional Meetings

The Research Division continues disseminating their research at major Family Medicine Professional Meetings and in the literature. The Department was very active and received acknowledgment from their peers for producing quality research. The Department continued its trend of outstanding work by the presentations featured at the 2006 North American Primary Care Research Group (NAPCRG) annual meeting, an international primary care research organization with more than 650 attendees at the meeting in Tucson, Arizona. This meeting has a variety of presentation formats including peer-reviewed original research presentations. The Department of Family Medicine had 10 oral presentations of original research. These presentations were authored or co-authored by 19 different members of the Department. Presentations were given by fellows and faculty. Moreover, the Program Committee designates several presentations to be worthy of a showcase.

These presentations fall into the categories of Distinguished and Extended presentations. Both types of presentations are given more time for presentation and are identified as having been selected by the Program Committee for this status. MUSC had one Distinguished paper presented by a fellow, Marty Player, MD, MS and Extended papers presented by two fellows, Ann Rodden, MD, MS and one faculty member, Vanessa Diaz, MD, MS. Sara Young, MD, MS, one of our fellows who graduated in July 2006 and is now at the Medical College of Georgia, presented work from her fellowship as an Extended paper.

The Division faculty are not only active in conducting and presenting primary care research, they are participants in the planning processes and leadership roles associated with these national meetings. Dr. Arch Mainous, Director of Research, continued his role as Chair of the Program Committee and Dr. Dana King continued participation as a member of the Program Committee for NAPCRG. Dr. Vanessa Diaz continued as a member of the Communications Committee for NAPCRG.

The Department also had a successful showing at the 2007 annual meeting of the Society of Teachers of Family Medicine (STFM) in Chicago. Seven division members presented oral research papers on a diverse list of topics including insulin resistance, prehypertension, and undiagnosed diabetes. Three of these presentations were given by research fellows. It is important to note that STFM is competitive in their selection of papers for original research podium presentations. Only 40 papers are selected each year and for the third consecutive year MUSC has accounted for more than 10% of all the original research podium presentations at this national meeting that attracts more than 1,000 attendees. Lastly, Dr. Richelle Koopman continued her work on the Research Committee for STFM.

Publications

The department was again extremely active in the 2006-2007 year with regard to producing publications. The faculty authored 60 publications, with 54 of these being peer reviewed.

Grant Funding

The Department has been very successful in continuing its goal to advance in our ranking of NIH funding for family medicine departments. Dr. Heather Liszka was awarded a contract from the Agency for Healthcare Research and Quality to be one of ten Practice Based Research Networks (PBRNs) across the country. Dr. Mainous received a grant from the Robert Wood Johnson Foundation to work with Dr. Diaz on diabetes care for Latinos in the United States. We also have begun collaborating with Delaware Valley Outcomes Research to conduct studies with the Medical Quality Improvement Consortium (MQIC). MQIC is a consortium of offices that use an ambulatory EMR, specifically Centricity Office from GE Health Care IT. MQIC consists of over 6000 physicians and other providers, in 35 states across the country. We have currently started a study on gastroesophageal reflux disease and have several others for which we expect to begin later in 2007. A final new project awarded to Dr. Mainous was for one of MUSC's Collaborative and Translational Science Awards planning grant pilot projects. That project is a collaborative project with faculty from Biochemistry, Pharmacology, Radiology and Nursing to investigate the relationship between telomeres and insulin resistance and coronary heart disease.

We continue to have several ongoing projects including Dr. Steve Ornstein's grant from the National Cancer Institute/Centers for Disease Control and Prevention to examine quality improvement initiative to improve cancer screening. Dr. Arch Mainous is entering the second year of a two-year grant from the Blue Cross/Blue Shield Foundation of South Carolina to develop, implement and evaluate an intervention to change the practice of Latinos in terms of acquiring antibiotics without a prescription and self-medicating respiratory infections. Dr. Vanessa Diaz is continuing work on a grant from the Harold Amos Medical Faculty Development Program from the Robert Wood Johnson Foundation to evaluate the relationship of BMI, dietary factors and physical activity to cardiovascular risk in different ethnic groups. Further, a grant from the Health Resources and Services Administration to Dr. Mainous has continued the funding for the faculty development fellowship grant designed to create new family physician investigators. Dr. Dana King finished a project funded by the National Heart, Blood and Lung Institute to study the relationship between a high fiber diet and C-reactive protein.

In addition to grants on which Department members are principal investigators, faculty members have shown themselves to be good collaborators with other investigators across campus. Department members are co-investigators on grants from Agency for Health Care Research and Quality, National Institute on Aging, National Institute on Alcohol Abuse and Alcoholism, as well as grants from Health Resources and Services Administration and the Duke Endowment.

Marty Player, MD, MS—Profile of an emerging scholar in primary care cardiovascular disease

How high does one's blood pressure need to be for a patient or physician to become concerned and take action? If patients are made angry or more anxious than normal are they at risk for strokes or heart attacks even at "safe" blood pressures? These are the types of questions that Dr. Marty Player has been asking.



Dr. Player joined the Department in July of 2005 to begin the 2-year fellowship and the MSCR degree. He had already completed a one-year faculty development fellowship at ChristianaCare Medical Center in Wilmington, DE prior to coming to MUSC. After receiving a limited exposure to research skills at ChristianaCare he decided that he wanted to have a career as an investigator and a good building block would be the 2-year fellowship offered here in the Department of Family Medicine. During his experience as a fellow he collaborated on several studies that have been published in journals like the American Journal of Cardiology, the American Journal of Hypertension, the Journal of Clinical Hypertension and the Annals of Family Medicine. One study in particular is worth discussing both for its importance as well as an example of the success of Dr. Player. As a fellow, Dr. Player's study of psychosocial factors and their relation of progression from prehypertension to hypertension or coronary heart disease was selected as a Distinguished Paper at the 2007 North American Primary Care Research Group's annual meeting. This is a great honor for such a young investigator. This study using the Atherosclerosis Risk in Communities cohort showed that among individuals with prehypertension and a trait of anger they were

Continued on page 14

NEW FACULTY

Ivar Frithsen, M.D.

Dr. Frithsen graduated from the University of Colorado in Boulder and also lived in Steamboat Springs, CO for a few years. Ivar attended medical school at the Medical College of Pennsylvania/Hahnemann University where he became interested in both Family Medicine and Environmental Medicine. He completed his residency at the Trident/MUSC Family Medicine program and became a research fellow in the Department in 2005. During his fellowship his research focused on Occupational and Environmental Medicine issues. After completing his fellowship and masters degree in clinical research in 2007 he joined our faculty as the assistant director for the Agromedicine Program.

***Miriam Lindrooth, M.D.***

Dr. Lindrooth joined the faculty in 2006 after several years in private practice in North Charleston, SC. Mimi graduated from the University of North Carolina-Chapel Hill School of Medicine and did her residency at Cook County Hospital in Chicago. She serves as the Medical Director of the Department of Family Medicine Clinic on Calhoun Street where she also provides clinical care. Dr. Lindrooth's interests include women's health, chronic disease management and preventive care.

***Ann Rodden, DO, MS***

Dr. Rodden graduated from the Chicago School of Osteopathic Medicine and completed the Trident/MUSC residency program serving as Chief Resident in 2005. Ann then completed the Faculty Development Fellowship at MUSC in 2007 receiving her masters degree in clinical research. Her clinical and research interests include women's health and OB, preventive care, and medical education.

***Eric Matheson, MD***

Dr. Matheson was born in Melbourne, Florida and attended college at the University of Virginia and medical school at Eastern Virginia Medical School. Eric completed his residency training in family practice in Jacksonville, Florida, at St. Vincent's Hospital. Following graduation, he practiced with Baptist Primary Care in Jacksonville for nearly three years. During that time he participated in a number of clinical trials at the Jacksonville Center for Clinical Research which primarily involved phase three drug testing. He joined the Department as a faculty development fellow in July 2007 and is enrolled in the masters program in clinical research.

*Player, Continued from page 13*

more likely to develop hypertension as well as heart attacks. He intends to expand on those findings to examine the relationship of perceived life stress, social support and coronary artery calcification and telomere length in a submission for a Beginning Grant-

in-Aid to the American Heart Association in early 2008. This work will help to link basic science, behavioral science and clinical medicine in primary care, the location where most cardiovascular disease and its risk factors are detected and managed.

SPOTLIGHTS

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

Awards and Honors

Alec Chessman, MD, received Presidential Commendations from the Society of Teachers of Family Medicine for his role as a founding editor in the Teaching Physician publication and as an original faculty member in the Predoctoral Directors Development Institute.

Second year resident **Robert Glenn Quattlebaum, MD, MPH** was named a recipient of the 2007 AAFP/Bristol Myers Squibb Award for Excellence in Graduate Medical Education. This very competitive award is given to the most outstanding family medicine residents throughout the country. His performance in residency training has proven to be one of the finest among a large group of highly qualified applicants.

Leadership positions

Terry Steyer, MD, Assistant Professor, was appointed to a second term as Chair of the Legislative Affairs Committee of the Society of Teachers of Family Medicine and as a board member on the Board of Directors of STFM.

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

Peter Carek, MD, serves as Vice-Chair of the Board of Directors of the Annals of Family Medicine journal.

Bill Hueston, MD, has joined the Board of Directors of the Annals of Family Medicine as a representative of the Society of Teachers of Family Medicine.

D. Todd Detar, DO, was elected chair of the predoctoral education steering committee of the Society of Teachers of Family Medicine in February 2007.

Bill Hueston, MD, Professor and Department Chair, served as the Board Chair of the South Carolina Academy of Family Physicians from November 2006 through November 2007.

Alec Chessman, MD, has been appointed to the editorial board of MedEdPORTAL, the web-based and peer-reviewed site for medical educational material sponsored by the Association of American Medical Colleges. Dr. Chessman represents the undergraduate medical student education section of the AAMC on the MedEdPORTAL board. Dr. Chessman also was appointed to the Advisory Board of the Family Medicine Digital Resources Library (FMDRL). Funded by a grant from the National Library of Medicine, the FMDRL project strives to meet the needs of family medicine educators, with this web-based and peer-reviewed database of educational material.

MUSC Department of Family Medicine Grand Rounds Speakers in 2006-7

The following individuals graciously served as Grand Rounds speakers during the past academic year:

- October, 2006: Peter Wilson, MD from Emory University spoke on "The Metabolic Syndrome and Its Consequences."
- November, 2006: John Bucholtz, DO, from the family medicine residency program in Columbus, GA, spoke on "The Future of Family Medicine and Residency Training."
- February, 2007: Oscar Lovelace, MD, from Prosperity, SC, spoke in February 2007 on "Caring for the Community in Your Practice."
- March, 2007: Andrew Dannenburg, MD, from the Centers of Disease Control and Prevention in Atlanta spoke on "Building and Designing our Living/Working Spaces to Improve Health Outcomes."
- June, 2007: Steve Levin, MD, from St. John's Healthcare in New Brunswick, NJ, spoke on "The Role of the Primary Care Physician in an Imperfect Health Care System."

The Department thanks all the speakers and those who contributed to the Hiram Curry Lectureship Fund which supports expenses for our Grand Rounds speakers.

Dana King, MD, serves as editor of the International Journal of Psychiatry in Medicine. **Arch Mainous, PhD**, serves as associate editor for the journal.

Arch Mainous, PhD, serves as Chair of the Program Committee for the North American Primary Care Research Group (NAPCRG) and sits on the Board of Directors.

Wanda Gonsalves, MD, serves as the medical director for the CARES Clinic which is the student-run free medical clinic that opened in September, 2005, in the East Cooper Community Outreach Building in Mount Pleasant. The CARES Clinic operates in the new University Family Medicine-East Cooper office opened by the Department in August, 2005.

Vanessa Diaz, MD, is on the Board of Directors of the Charleston County Teen Pregnancy Prevention Council, Board Member and on the Board of Directors of the South Carolina Academy of Family Physicians.

D. Todd Detar, DO, serves on the Board of Directors and as Treasurer of the South Carolina Osteopathic Medical Society.

Study Section/Committee Participation

Study Sections

Steve Ornstein, MD, served on the study section for the National Institutes of Health & Human Services, Weight Loss in Obese Adults with CV Risk Factors: Clinical Intervention Review.

Richelle Koopman, MD, served on a special emphasis panel of the NIDDK on diabetes.

Ruth Jenkins, PhD, served on a special emphasis panel for the Agency for Healthcare Quality and Research on health information technology.

National and State Committees and Boards

Wanda Gonsalves, MD, serves on the South Carolina Oral Health Advisory Board.

Bob Mallin, MD, serves on the South Carolina Board of Medical Examiners Disciplinary Committee. Dr. Mallin continues to serve on the Step I Committee for the National Board of Medical Examiners this year.

Bill Hueston, MD, is a member of the state Medicaid Advisory Board and was appointed to the Palmetto Group Benefits (Medicare) Carrier Advisory Committee in January 2007.

Vanessa Diaz, MD, is a member of two South Carolina Academy of Family Physicians committees: Special Constituents Committee and the Committee on Public Health. Dr. Diaz, also chairs the Group on Hispanic/Latino Faculty for the Society of Teachers of Family Medicine and is a member of the North American Primary Care Research Group Communications Committee.

William Simpson, MD, serves as a member of the Board of Directors of the HALOS (Helping and Lending Outreach Support) and The South Carolina Geriatrics Society

Bill Hueston, MD, was appointed by Sen. Glenn McConnell and Rep. Bobby Harrell as the family medicine/primary care representative to the South Carolina Chronic Kidney Disease Task Force that met from December 2006 through March 2007.

D. Todd Detar, DO, serves on the medical management committee for First Choice-Select Health and on the Board of Directors for Tricounty Project Care.

Professional organization committee/commissions

Wanda Gonsalves, MD, has been appointed to the Society of Teachers of Family Medicine Program Committee starting in April 2007. Dr. Gonsalves also sits on the board of directors for the Nicholas Pisacano Scholarship Foundation which awards medical school scholarships to students demonstrating excellent leadership and academic skills and who aspire to enter family medicine.

Dana King, MD, is a member of the North American Primary Care Research Group Program Committee.

Alec Chessman, MD, serves on the Society of Teachers

DOCTORS OF THE DAY AT THE SOUTH CAROLINA STATEHOUSE

- Bill Hueston
- Dana King
- Fred Michael
- Bill Simpson
- Ivar Frithsen

GOLDEN APPLE FACULTY EXCELLENCE NOMINEES

- Bill Hueston
- Dana King
- Maria Gibson
- Donna Kern

of Family Medicine Predoctoral Directors Development Institute's Steering Committee. Dr. Chessman also is a member of the American Academy of Family Physician Family Practice Essentials Advisory Board.

Richelle Koopman, MD, is a member of the Society of Teachers of Family Medicine Research Committee.

D. Todd Detar, DO, serves as member of the America Balint Society Council.

Bill Hueston, MD, was named to the American Academy of Family Physicians Commission on Education in 2007.

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

Vanessa Diaz, MD, is on the Communication Committee of the North American Primary Care Research Group. Dr. Diaz also serves on the Board of Directors of the Charleston County Pregnancy Prevention Council.

Promotions

Lori Dickerson, Pharm D, and **Amy Blue, PhD** were promoted to Professor this past year. **Terry Steyer, MD**, was promoted to Associate Professor.

Alumni in the News

Steve Levin, MD, medical director at the St. John's Health Center in New Brunswick, NJ, and former resident at MUSC, was selected as the 2006 American Academy of Family Physicians Family Doctor of the Year. Dr. Levin served as the Hiram Curry Lecturer at the 2007 MUSC Intensive Review of Family Medicine and was a grand rounds speaker in the Department in June. Congratulations to Steve! More details about Steve and his accomplishments are available at <http://www.aafp.org/news-now/inside-aafp/20060929fpoysserves.html>.

Other accomplishments of note

William Simpson, MD, had his hymn text selected as the Commemorative Hymn for the Circular Congregational Church 325th Anniversary. (No, Bill is not an original member of the congregation!)

RECENT AND CURRENT GRANT FUNDING DEPARTMENT OF FAMILY MEDICINE

Peter J. Carek, MD

Residency Training in Primary Care
Funding source: Health Resources and Services Administration
Dates: 7/1/04 - 6/30/07
Total Award: \$504,471

Alec Chessman, MD

Predoctoral Training in Primary Care
Funding source: Health Resources and Services Administration
Dates: 7/1/04 - 6/30/07
Total award: \$539,897

Vanessa Diaz, MD

Amos Medical Faculty Development Program
Funding source: Robert Wood Johnson Foundation
Dates: 1/1/05 - 12/31/08
Total award: \$365,400

David Garr, MD

(SC Area Health Education Consortium)
Model State Supported AHEC
Funding source: Health Resources and Services Administration
Dates: 9/30/94 - 8/31/07
Total award: \$335,547

State Loan Repayment Program
Funding source: Health Resources and Services Administration
Dates: 9/30/97 - 08/31/08
Total award: \$207,864

Bioterrorism Training and Curriculum Development Program (BTCDP)
Co-investigator: Dr. William Simpson
Funding source: Health Resources and Services Administration
Dates: 09/30/03 - 08/31/08
Total award: \$866,605

Bioterrorism Hospital Preparedness Program
Funding source: SC DHEC
Dates: 08/04/06 - 08/31/07
Total award: \$37,038

DHEC Pandemic Influenza
Funding source: SC DHEC
Dates: 08/04/06 - 08/31/07
Total award: \$6,440

Building Coalitions to Increase the Diversity of the South Carolina Health Care Workforce
Funding source: Duke Endowment
Dates: 06/06/06 - 07/01/09
Total award: \$350,155

Dana E. King, MD

Dietary Fiber and Cardiovascular Inflammatory Markers

Funding source: National Heart Lung and Blood Institute
Dates: 7/1/04 - 6/30/07
Total award: \$926,556

Heather A. Liszka, MD

Restructuring Prenatal Care for Teens (RESPECT)
Funding Source: March of Dimes Foundation
Dates: 4/1/06 - 3/31/07
Total award: \$15,920

Arch G. Mainous, III, PhD

Family Medicine Faculty Development Fellowship
Funding source: Health Resources and Services Administration
Dates: 7/1/05 - 6/30/08
Total award: \$1,303,103

Solo con Receta (only with Prescription)
Co-investigator: Vanessa Diaz
Funding source: BlueCross BlueShield of South Carolina Foundation
Dates: 7/1/06 - 6/30/08
Total award: \$199,275

CTSA Pilot Project
Funding source: Medical University of South Carolina
Dates: 4/15/07 - 4/14/08
Total award: \$48,166

Minorities, Acculturation, and Diabetes: Disparities Research Questions
Funding source: Robert Wood Johnson Foundation
Dates: 11/1/2006 - 10/31/2007
Total award: \$74,806

GERD and Gastroprotection for Patients on NSAIDs—Phase I: A Randomized Controlled Trial
Funding source: Delaware Valley Outcomes Research
Dates: 3/1/07 - 3/31/08
Total award: \$70,929

Steve Ornstein, MD

Colorectal Cancer Screening in Primary Care Practice
Funding source: National Cancer Institute
Dates: 6/1/06 - 4/30/10
Total award: \$2,460,519

Grants with Principle Investigators in

Other Departments:

SC Cooperative for Healthy Aging in Minority Populations
PI: Dr. Barbara Tilley; Co-investigators Vanessa Diaz and Arch Mainous
Funding Source: Resource Center for Minority Aging Research (SC CHAMP/RCMAR)/
National Institute on Aging
Dates: 9/30/02 - 9/29/07
Total award: \$395,867

Parkinson's Disease Clinical Trial: Statistical Center

PI: Dr. Barbara Tilley; Co-investigators Arch Mainous and Vanessa Diaz

Funding source: National Institute of Neurological Disorders and Stroke
Dates: 8/1/2006 - 7/31/2011
Total award: \$218,237

Hispanic Health Initiative

PI: Deborah Williamson; Co-investigator Vanessa Diaz
Funding source: Health Resources and Services Administration
Dates: 7/1/2006 - 6/30/2007
Total award: \$248,152

DTC Advertising Effect on Adherence to Statin Therapy

PI: Dr. David Bradford; co-investigators Steve Ornstein and Terry Steyer
Funding source: National Heart Lung and Blood Institute
Dates: 7/1/04 - 5/31/2007
Total award: \$551,602

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