

THE PULSE

Vol 4 Issue 2

University of Florida Department of Community Health and Family Medicine



ACHIEVEMENTS

CHFM faculty and staff have been hard at work to advance the field of family medicine.

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THREE MISSIONS

CHFM continues to focus on patient care, education and scholarship as part of its three missions.

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Learn about past and upcoming CHFM events and join faculty and staff if available.

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FACULTY AND STAFF SPOTLIGHT

Shining a light on the great work family medicine providers do for the Gainesville community.

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CHAIR'S MESSAGE

Fellow CHFM Members,

Welcome to the December edition of *The Pulse*! Besides the increasing patient care activities that occur during the late fall and early winter, the recruitment of medical students into our residency program also occurs during this time of year. We are very excited to host students from across the country as they will soon decide where they will continue their formal medical training. Additionally, our third-year residents are beginning the process of securing a position upon graduation—whether they are seeking additional training or looking for a practice to join.

As you can imagine, for these young students and physicians, this time of year is full of great anticipation as well as some nervousness regarding what their future holds. As members of our department, we can provide support and encouragement during these times of transition.

Finally, I wish everyone the very best for a bright and joyful new year.

Best regards,

Peter J. Carek, MD, MS

C. Sue and Louis C. Murray, MD, Professor and Chair

ACHIEVEMENTS

Community Health and Family Medicine faculty and staff have been hard at work to advance the field of family medicine. In recognition of their accomplishments, the section below outlines some of the most notable achievements across the department this quarter.

Southeastern Conference Sports Medicine Committee

Dr. James R. Clugston was invited to participate in the Southeastern Conference Sports Medicine Committee as a physician representative for the 2017–2018 year.

American Medical Society for Sports Medicine

Dr. James R. Clugston also had the honor of participating in the position statement and concussion writing group for the American Medical Society for Sports Medicine.

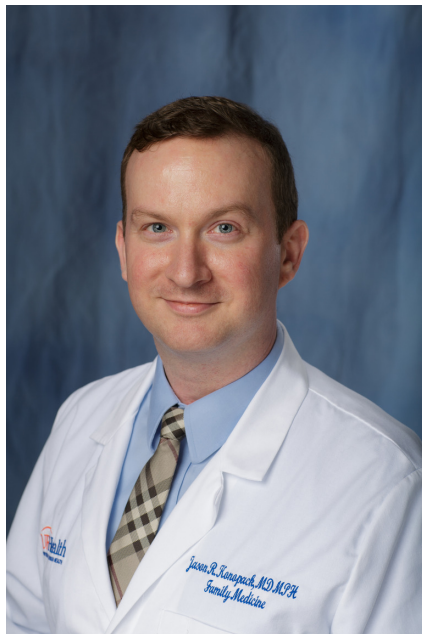
Best Doctors in America List (2017–2018)

The department would like to congratulate Dr. Siegfried O.F. Schmidt on his inclusion on the 2017–2018 Best Doctors in America List.

Sports Medicine Fellowship Program - WWE NXT Gainesville

On November 2nd, Dr. Stephen Carek and Dr. Tim Durkin helped cover the WWE NXT event in Gainesville. They were able to see firsthand how wrestlers endure such a demanding physical show while representing the Gator Nation!

PATIENT CARE



Jason Konopack, MD, MPH

Dr. Jason Konopack attended the University of South Florida where he received a Bachelor's of Science in Microbiology and a Master's degree in Public Health with a concentration in Global Health and Communicable Disease. He then attended Florida State University College of Medicine where he earned his medical degree and completed his family medicine residency at the University of Florida.

Dr. Konopack is currently transitioning to Course Director for Introduction to Clinical Practice (First and Second Year Preceptorship), and is the medical director at the Old Town clinic. This clinic serves an underserved and very rural population in the second poorest county in the state of Florida—Dixie County.

The clinic is currently working on several projects which advance the practice of primary care in order to help provide comprehensive access in an area with limited resources—and the team is beginning to get national recognition for the advancements! As part of the multidisciplinary approach, the clinic hosts providers from the Departments of Pharmacy, Cardiology and Ob/Gyn.

As always, the clinic prides itself on being a very popular destination for medical education.

EDUCATION

Medical Student Education

The STFM Conference on Medical Student Education will be held February 1–4, 2018, in Austin, Texas. If CHFM’s proposals are accepted, several department faculty members will be attending and presenting.

Sessions will cover:

- Leadership training in medical education
- Disruptive innovations in medical education
- Self-directed learning
- Community engagement
- Social determinants of health
- Preceptor-driven educational innovations
- Competency-based curricula and assessment methods
- Diffusion and dissemination of educational innovations
- Gender equity in academic medicine
- Assessing and documenting attainment of the AAMC's Entrustable Professional Activities
- Recruitment of students to family medicine
- Mentorship
- Technology for teaching, evaluation, and faculty development
- Engaging of community faculty

If you are interested in being part of a presentation or attending the meeting, please contact Dr. Hatch at hatch@ufl.edu.

It would be great to have more faculty involved!

Residency Program

Interview season is in full swing at the residency program with over 1,700 total applications and about 200 from LCME medical schools. A total of 100 interview slots have been filled with a handful on the waiting list as well. Faculty, residents, and the Main Street clinic manager, Mindy Halbrook, have all pitched in to interview some excellent candidates for this upcoming year. The second look party is scheduled to take place in early February, and the rank list will be made shortly after that.

The department's QI groups are also off to a strong start. The residents are working on colon cancer screening, flu and pneumococcal vaccine rates, and tobacco cessation. The second- and third-year residents are also working on projects focused on hospital readmissions, patient satisfaction, physician well-being, and advance directives.

This year, the residency program also had their first clinic retreat at Lake Wauburg towards the end of October. Residents, faculty, nurses and clinical staff all participated based on their assigned clinic team. The idea was to build camaraderie and trust among team members throughout the day. The weather was beautiful and the temperature was delightful, which made for a day filled with laughter and happiness.



2017 Main Street Clinic Retreat — Lake Wauburg



2017 Main Street Clinic Retreat — Lake Wauburg

Sport Medicine Fellowship

The 2018–2019 fellowship program received over 100 applicants. The top 17 candidates were invited for interviews, which took place during the months of September, October and November. There are two positions that will be filled by Family Medicine, Internal Medicine, PM&R, or Pediatric applicants and one position will be available to Emergency Medicine applicants. During the month of December, our current fellows are covering several UF events and will take some well-deserved vacation during the holidays.



Dr. Stephen Carek and Dr. Tim Durkin continued coverage of UF Football — win or lose. They also covered several volleyball, soccer, and basketball games along with a couple of swim/dive meets.



It is always great to see past fellows working in Division I athletics. Dr. Heath Hale (left) came back to Gainesville with his UAB football team in November while Dr. Katie Edenfield (right) was on the sidelines for UF.

Program in Bioethics, Law and Medical Professionalism

During the fall semester of 2017, the BLMP program faculty continued pursuing their mission to educate healthcare personnel in an effort to promote professionalism and ethical medical decision-making. The program faculty added a new Collaborative Learning Group (CLG) activity for second-year medical students titled Ethical Issues in Pain and Addiction Medicine, which is part of the Pain/Addiction Intensive curriculum block.

In collaboration with the CHFM Residency Program, BLMP faculty are facilitating ethics workshops for first-year residents throughout the academic year. The first workshop took place on October 11. On December 13, BLMP faculty once again engaged these residents during a workshop on informed consent. The remaining workshops will take place on February 14, April 11, and June 13, 2018.

Dr. Ray Moseley and Professor Bill Allen hosted the first online version of the Financial, Business and Health Systems Aspects of Medicine elective course. Seventeen third- and fourth-year medical students took the flexible course asynchronously between December 3 and December 16. Professors Allen and Moseley are also offering the course during Period 11A (February 25–March 10) and 11B (March 11–26).

Directed by Professor Allen, senior medical students will have the option to take two other elective courses in January 2018: History of Medicine, offered January 2–13, and Advanced Issues in Medical Ethics and Law, offered January 14–27.

Professor Allen gave a well-received talk on healthcare fraud and abuse to medical billers, coders and auditors on December 5. As part of the Coding Lunch and Learn series, members and guests of the local AAPC chapter were invited to bring their own lunches and earn CEUs while participating in Professor Allen's interactive lecture.

BLMP faculty also continued their service efforts throughout the fall. From planning for events celebrating next year's National Healthcare Decisions Day to participating in the UF Health Shands Hospital Ethics Committee, the program faculty have been actively contributing their expertise to the local community. The program faculty remind CHFM faculty and staff that they are available for ethics consults for the inpatient service and outpatient clinics.

Faculty Development

The latest faculty development session took place on Thursday, December 21st. The department will also be continuing the STFM Leadership Development series.

Just as a reminder, faculty development sessions are scheduled on the third Thursday of each month starting at 12:15 PM.

You may attend these sessions in person at UF Health Family Medicine—Main or via Jabber by dialing **75003**.

SCHOLARSHIP

Research: New Studies

A PATIENT-CENTERED INTERVENTION USING VIRTUAL TECHNOLOGY TO REDUCE COLORECTAL CANCER DISPARITIES IN PRIMARY CARE

Dr. Peter Carek, in collaboration with Dr. Janice Krieger, Director of the STEM Translational Communication Research Program in the College of Journalism and Communications, are working on a study that will test the efficacy of a patient-centered, tailored message intervention. The message will be delivered via virtual technology for increasing CRC screening within guidelines among racial/ethnic minority and rural patients. Colorectal cancer (CRC) is the second leading cause of cancer death in the United States.

Unfortunately, there are significant CRC screening disparities that result in higher rates of CRC-related morbidity and mortality for minority and rural patient populations, particularly in the southern United States. The development of interventions that capitalize on advances in communication, informatics, and computer science have great promise for resolving theoretical and practical problems associated with CRC screening decision-making. This study hypothesizes that exposure to a minimally tailored CRC screening intervention delivered via VHT will lead to improved cognitive processing of the intervention and increased adherence with initial and repeated annual FIT screening completion as compared to a fully tailored, text-only intervention. This hypothesis will be tested through two specific aims.

In Specific Aim 1, the study will conduct focus groups and think-aloud interviews stratified by geography, gender, and racial/ethnic background to expand and pilot test an intervention that uses a virtual human as a delivery mechanism for CRC screening information.

In Specific Aim 2, patients (N = 3,000) will be recruited via primary care clinics and a secure, clinical data warehouse to complete a randomized patient test of the efficacy of the intervention for promoting initial and repeat FIT testing. Dependent measures will be assessed via patient self-report and chart review. The proposed study will reduce health disparities and associated morbidity and mortality due to CRC via increasing screening among racial/ethnic minority and rural populations.

GRACE MARKETPLACE & DIGNITY VILLAGE PILOT STUDY

Dr. Shenary Cotter, in collaboration with Dr. Karla Shelnutt, an Associate Professor in the Department of Family, Youth, & Community Sciences, and Dr. LaToya O'Neal, an Assistant Professor in the Department of Family, Youth, & Community Sciences, are working on a study assessing food insecurity, poor nutrition, mental health issues, and chronic health conditions with members of the homeless population at GRACE Marketplace and Dignity Village. These are all contributing factors to the many health problems that members of the homeless population face and could further exacerbate their other present chronic health conditions.

The study collected data from residents of Grace Marketplace and Dignity village in the form of a semi-structured interview-styled survey between July 14, 2017, and August 5, 2017, on-site at GRACE Marketplace. The survey contained two segments: an intake assessment segment, and a survey segment. The intake assessment involved the collection of physiological health parameters that included: blood pressure, heart rate, height, weight, Body Mass Index (BMI), BMI classification, waist circumference, and self-reported diabetes diagnosis status.

The participants then completed an interview-styled survey consisting of validated scales and unique items which assess the self-reported access to healthcare services, nutritious foods, physical and mental health levels of the GM / DV, and interest in a community garden.

The validated scales included: the National Cancer Institute (NCI) Fruit & Vegetable Screener (NCI_F/V), Stage of Change Measure items for nutrition and fruit & vegetable intake, the International Physical Activity Questionnaire (IPAQ), and the DASS-21 (Depression, Anxiety, Stress Scale). The proposed study will assess physiological, psychological, and nutritional health while evaluating potential solutions from the perspective of the participants including community-oriented interventions such as a community garden and or nutrition education program.

PROFESSIONAL IDENTITY, JOB SATISFACTION, AND COMMITMENT OF NONPHYSICIAN FACULTY IN ACADEMIC FAMILY MEDICINE

Dr. Arch Mainous, in collaboration with Dr. Peter Carek, are conducting a survey study through the Council of Academic Family Medicine Educational Research Alliance (CERA) which is a joint initiative of all four major U.S. academic family medicine organizations (STFM, NAPCRG, ADFM, and AFMRD).

The aims of this study were to:

- 1) Investigate in a national survey of academic nonphysician faculty the feeling of identity of nonphysician faculty in family medicine and perceptions of respect by their colleagues and
- 2) Evaluate the level of self-efficacy, job satisfaction, and organizational commitment of nonphysician faculty in relation to the feelings of family medicine identity.

The overall participant pool indicated that their sense of feeling valued within family medicine, professional status with family medicine, commitment to their organization, job satisfaction, and self-efficacy were all high.

MEDICAL STUDENT PERSPECTIVES ON ABORTION AND UNPLANNED PREGNANCY AS PART OF THE MEDICAL SCHOOL CURRICULUM DURING THIRD YEAR FAMILY MEDICINE CLERKSHIPS

Dr. Shenary Cotter is working on a study assessing the third year medical student perceptions on abortion and unplanned pregnancy education provided in their family medicine clerkship.

The overall purpose of this study is to explore medical student perceptions on the overall topics of unplanned pregnancy and abortion through:

- 1) Evaluating whether third-year medical school students deemed the lectures on unplanned pregnancy and abortion as valuable in their educational curriculum
- 2) Determining the impacts of positive or negative both the clinical and / or didactic practice and knowledge regarding the lectures on unplanned pregnancy and abortion,
- 3) Assessing student perceptions on the need for further clinical and/or didactic education on the topics of unplanned pregnancy and abortion.

Research: Ongoing Studies

MEDICAL STUDENT WELLNESS CURRICULUM TO IMPROVE MEDICAL STUDENT WELL BEING

Dr. Kristy Smith is developing a wellness curriculum to improve medical student well-being and decrease depression and anxiety in medical students. Medical Student Well Being Index, GAD-7, and PHQ-9 scores will be taken on medical students every three months longitudinally throughout medical school. Interventions will include incorporating basic stress management, study skills, and resilience training to help students gain the tools they need to improve quality of life, decrease depression and anxiety, decrease dropout rates and time off, and ultimately improve academic performance. Data collection will commence with the incoming first year medical students this fall.

ASSESSMENT OF MEDICATION CHANGES DURING HOSPITAL DISCHARGES AND CORRELATION WITH RISK FOR HOSPITAL READMISSION

Eric Dietrich, PharmD, BCPS, a clinical assistant professor in the Department of Community Health and Family Medicine and a clinical assistant professor in the Department of Pharmacotherapy and Translational Research, is working on a study correlating number and type of medications during inpatient hospital stays with rate of readmission.

According to CMS, approximately 1 in 5 patients are readmitted to the hospital within 30 days of discharge. 75% of these readmissions have been estimated to be preventable, which equates to a cost of \$12 billion dollars per year. Medication changes during hospital stays between January 1, 2014, and November 1, 2014, will be characterized and analyzed for their correlation to rate of readmission.

SICKLE CELL / HEMOGLOBINOPATHIES

Dr. Arch Mainous, in collaboration with Dr. Peter Carek, are conducting a study to develop and implement a clinical decision support system into the electronic health record for patients with sickle cell disease and other hemoglobinopathies whose primary care is delivered in the Department of Community Health and Family Medicine.

The purpose of this study is to show the impact of utilizing programmed alerts to remind providers to order ferritin test on patients during routine office visits. Due to the increased blood transfusions as part of treating pain associated with sickle cell disease, this patient population tend to have high amounts of iron in their blood. Patients who test a ferritin level above 1,000ng/mL are recommended to undergo chelation therapy. Mid-cycle numbers show that there is a 50% rate of ordering ferritin labs on eligible patients.

IMPROVING INFLUENZA VACCINATION RATES IN A FAMILY MEDICINE CENTER

Dr. John Malaty, in collaboration with Drs. Dickmann (PGY-3), Conroy (PGY-1), and Dideban (PGY-2), is conducting a study to determine if a quality improvement intervention implemented at a family medicine center has been effective in improving influenza vaccination rates. The influenza vaccination rate for patients seen by family medicine residents and faculty members in their family medical center will be determined, both before and after the intervention, and sub-group analysis involving vaccination rates for patients with specific demographic details and relevant chronic conditions will be analyzed.

Data will be requested from UF Physicians Decision Support on patients seen at UF Health Family Medicine – Main clinic starting September 1, 2015 through August 31, 2016 for the pre-intervention analysis and from September 1, 2016 to August 31, 2017 for the post-intervention analysis. The data being analyzed is associated with patients who received primary and/or specialty care at UF Health Family Medicine - Main.

Descriptive statistics will be used to determine the baseline influenza vaccination rate prior to the intervention, the rate of vaccination after the intervention and the rate of declines for vaccination after the intervention. The data will then be stratified to assess the rates across important demographic sub-groups.

Further statistical analyses, using descriptive statistics and bivariate analyses, will be done to evaluate the prevalence of vaccination among patient subgroups with specific diagnoses which place them at high-risk for influenza-related complications per CDC guidelines.

FEO PROGRAM EVALUATION

Dr. David Quillen, in collaboration with Dr. Lisa Chacko, is conducting a retrospective 9-year program evaluation of the Faculty Enhancement Opportunities (FEO) Program at the University of Florida, including a survey of grantees and review of grant documents.

The purpose of the study is to assess the degree to which University of Florida's innovative FEO program has impacted career development of individual faculty members and departmental advancement.

A comprehensive program evaluation will allow the FEO program to share its model with other institutions, quantify the degree to which promotion and career growth were served by FEO funding and seek grantee feedback for areas of future growth and improvement.

The specific aims of this study are to:

- (1) Assess FEO grantee perspectives of the impact of FEO funding on publication, promotion, academic collaboration and contribution to departmental goals
- (2) Compare original goals of FEO grants with reported outcomes
- 3) Describe and compare FEO funding across the Colleges and Departments within the University of Florida.

The University of Florida's FEO program is unique, as there is currently only one other known institution-initiated faculty enhancement award nationwide. The other existing program is at Harvard University. This faculty enhancement program targets "vulnerable" faculty at risk of falling short of promotion and tenure goals early in their careers (prior to promotion).

UF's FEO program is innovative in its availability to faculty as soon as three years into a faculty position. This proactive approach to supporting faculty outside of traditional sabbatical or continuing education funding lines places UF's FEO program at the forefront of innovation for faculty development nationally.

PATIENT EMPOWERED STRATEGY TO REDUCE ASTHMA MORBIDITY IN HIGHLY IMPACTED POPULATIONS (PREPARE)- VANGUARD STUDY

Dr. Ku-Lang Chang, in collaboration with Harvard University, is conducting a study measuring the impact of adding PARTICS- PARTICS-patient activated rescue therapy with Inhaled Corticosteroids (ICS) for the high-risk racial and ethnic groups of African American/Black and Hispanic/Latino patients.

The PREPARE study will enroll self-identified African American/Black and Hispanic/Latino patients, the racial and ethnic groups most adversely affected by asthma. The enrolled patients will be randomized equally to the intervention (PARTICS-patient activated rescue therapy with ICS) and the usual care groups. PARTICS, the addition of ICS to each puff of SABA for rescue while continuing usual daily controller therapy was effective in a smaller very tightly controlled clinical trial; decreasing asthma exacerbations that required steroids, and asthma related ED visits or hospitalizations.

Despite the added use of an ICS to rescue therapy, there was no increase in rates of oral thrush or other side effects associated with ICS use. Dr. Chang and the UF CHFMDepartment are assisting with patient recruitment, and data collection from high-risk patients.

EVALUATION OF ADVANCE DIRECTIVES IN AN OUTPATIENT CLINIC SETTING

Dr. Lauren Solberg, in collaboration with Drs. Ray Moseley and Bill Allen, is conducting a study to evaluate Advance Directives (ADs) in the UF Department of Community Health & Family Medicine (CHFMD) in order to provide an understanding of the impact and effects of the AD educational lecture provided to clinicians to improve the quantity of CHFMD patients with ADs.

Between June and September 2016, the faculty members of the Program in Bioethics, Law & Medical Professionalism (BLMP), part of CHFMD, delivered lectures about ADs to all of the providers and staff in each of the CHFMD clinics. In total, 11 lectures were delivered; providers and staff each attended 1. The purpose of this study is to analyze data about patients with ADs on file in EPIC each month beginning 1 year prior to and 4 months after the CHFMD AD lectures in order to make conclusions about the potential impact of the education. Thus, BLMP faculty will analyze data about CHFMD patients with ADs on file in EPIC between June 1, 2015 and January 1, 2017.

This study represents a preliminary effort to make conclusions about CHFMD patients with ADs in their medical records in order to facilitate the design and implementation of future interventions to increase the number of CHFMD patients with ADs on file.

The specific aims of the study are to:

- (1) Compare the number of ADs on file for CHFMD patients prior to and after lectures to CHFMD providers and staff about ADs
- (2) Analyze demographic information about patients with ADs on file in EPIC in the specified date range in order to facilitate the design and implementation of future interventions to increase the number of CHFMD patients with ADs on file in EPIC.

INFLUENCE OF SLEEP & PHYSICAL ACTIVITY ON CONCUSSION RECOVERY

Dr. Jay Clugston, in collaboration with Dr. Jaffee (UF Department of Neurology) and Dr. Bauer (UF Department of Clinical & Health Psychology), is working on a study measuring the impact of sleep and physical activity on concussion recovery.

Sleep and physical activity play a crucial role in the maintenance and restoration of cognition, learning, and memory, and serves as a key factor in brain recovery. Sleep and physical activity may be factors that affect concussion recovery, including the days to symptom resolution, days to neurocognitive deficit resolution, and days to balance deficit resolution.

Despite the high incidence of sleep and vigilance problems following concussion, few studies have used objective measures, such as actigraphy (e.g. wrist accelerometer unit), to describe sleep and wake disturbances.

The purpose of this study is to determine the influence of sleep and physical activity on concussion recovery.

The results of this study will help guide clinicians in determining the utility of sleep management programs and physical activity recommendations to aid recovery following concussion.

CHARACTERIZATION OF ED HIGH UTILIZERS

Dr. Peter Carek, in collaboration with Drs. Maribeth Porter and Lisa Chacko, is working on a study to characterize the patients who are frequently readmitted to the hospital. According to CMS, approximately 1 in 5 patients are readmitted to the hospital within 30 days of discharge. 75% of these readmissions have been estimated to be preventable, which equates to a cost of \$12 billion dollars per year. This study's characterization will be completed for patients that were readmitted to the ED within 30 days of a previous hospital admission.

The characterization will include demographic variables, length of stay, readmissions, primary and secondary diagnoses, and medications. Subgroups from the high utilizers will be identified and further analyzed in order to develop patient-centered and population health interventions.

STFM FACULY DEVELOPMENT STUDY

Dr. Tanya Anim is working on a study to enhance development of the Family Medicine Residency Program faculty members through identification of current areas of weakness or need, and the development of a tailored faculty development series based on the needs identified.

The UF Family Medicine Residency Program did not provide internal faculty development sessions until the start of this intervention. The existing faculty development program for the entire College of Medicine presents topics that often are not specific to the unique needs of the family medicine faculty. Relevant, targeted (i.e. based on identified needs) faculty development promises to dramatically improve resident and medical student education.

The objectives of this study are to:

- (1) Develop and implement a tailored Faculty Development Series for the UF Department of Community Health and Family Medicine to improve the quality of teaching
- (2) Create a practical faculty development toolkit for programs across the nation, enabling them to tailor faculty development to the needs of their own faculty.

The four-step protocol for enhancing faculty development:

- (1) A Research Electronic Data Capture (RED Cap) survey will be administered to faculty, residents, and clinic staff to identify areas of faculty teaching that could benefit from improvement.

- (2) Development of a tailored faculty development series based on the needs identified in the surveys.

- (3) Delivery of the faculty development series utilizing a variety of presentation and teaching styles

- (4) Evaluation of the impact of the faculty development series on the experience of teaching and learning.

At the end of the academic year, a follow-up faculty, resident and staff survey will assess satisfaction and perceived impact of the tailored Faculty Development Series.

This evaluation will specifically assess the degree to which the Faculty Development Series addresses the stated needs. Moreover, Dr. Anim and her team will assess the educational applicability and the experiential nature of the Faculty Development Series.

LOW LITERACY ASTHMA PLAN STUDY

Drs. Elvira Mercado and Kim Nguyen, in collaboration with Karen Theoktisto, DNP, ARNP, are working on a study to test the use of a low literacy asthma plan in order to improve compliance of pediatric patients regarding asthma management and reduce the number of asthma-related emergency room visits and hospital admission rates.

Asthma is the most prominent chronic illness in childhood and affects an overall 9.6% of all children in the United States (Gold, et al., 2016). Text-based asthma self-management plans in a low-literacy population may not be well received and are difficult to understand. Asthma plans that utilize pictures may communicate the severity of asthma in a more understandable method, leading to better asthma control and reducing visits to the emergency room.

In Alachua County, Florida, the number of emergency room visits for children age 0-17 years with asthma has increased from 293 in 2005 up to 488 in 2014, and hospitalizations have increased from 82 to 164 during the same period (Florida Public Health Tracking System, 2016).

Improved health literacy approaches have been linked to improved patient outcomes but have not been well studied in childhood asthma outcomes (Yin et al., 2016). Asthmatic children of parents with low health literacy are at risk for worse asthma-related outcomes, more severe asthma exacerbations and increased use of emergency rooms.

The development of a low-literacy asthma plan can be used as part of counseling that can offer providers a framework with which to educate parents and families on specific asthma issues. Asthma affects all Americans, but the burden is especially high for children of low-income, lesser-educated and racial- and ethnic-minority populations.

INTERACTIVE INFORMED CONSENT STUDY

Dr. Ray Moseley and Dr. Arch G. Mainous III (CHFM and UF Department of Health Services Research, Management, and Policy), in collaboration with Dr. Christopher Harle from Indiana University (UF Department of Health Policy & Management), Dr. Janice Krieger (UF College of Journalism), and Dr. Babette Brumback (UF Department of Biostatistics), are collaborating with the goal of developing and evaluating a novel, electronic informed consent application for research involving electronic health record (EHR) data. In response to NIH RFA-OD-15-002, this study addresses research using clinical records and data, including the issues of the appropriate content and duration of informed consent and patient preferences about research use of clinical information.

This study will design an electronic consent application intended to improve patients' satisfaction with and understanding of consent for research using their EHR data. The electronic application will provide interactive functionality that creates a virtual, patient-centered discussion with patients about research that uses EHR data. Also, to correct potential misconceptions and increase informedness, the application will present trust-enhancing messages that highlight facts about research regulations, researcher training and data protections. This study will improve understanding of how to best give patients information about research that uses their health records and data.

With this understanding, this study will develop a new computer application that patients can use in their doctors' offices. This application will allow patients to learn more about clinical research and make informed choices about whether or not they want their health records and data to be used for research.

This project is innovative because it will create a virtual, patient-centered discussion about research using EHR data. Moreover, this project will produce a consent application that clinicians and researchers can use as an ethically sound and practical tool for consenting patients, in a clinical setting, for research involving EHRs.

PAIN MANAGEMENT PROGRAM STUDY

Dr. Siegfried O. F. Schmidt, in collaboration with Lesa Gilbert, FNP-BC, Dr. George Samraj, Dr. David Feller and Dr. Ku-Lang Chang, are nearing the fourth year of the UF Pain Management Program at Main (PMPM) within the UF Family Medicine Residency Program. Through this study, researchers are continuing to monitor the care received by patients with chronic pain conditions who are being seen at the location with the goal to analyze patient data to better understand these patients' experiences and understand how their treatment and diagnoses changed after being referred to this program. Alongside the patient care aspect, the research team intends to evaluate resident education and knowledge gained from their one-month rotation with PMPM.

OTIC BAROTRAUMA STUDY

Dr. Susan Millan and her research team at the UF Health Wound Care and Hyperbaric Center at Magnolia Parke have begun their project to evaluate the causes of barotrauma during hyperbaric oxygen therapy (HBOT) and what treatments can be used to prevent otic barotrauma (OB). They have begun by analyzing historical data from 2/1/2014 through 12/31/2015, and specifically otic barotrauma adverse events that have occurred at the UF Health Wound Care and Hyperbaric Center.

They plan to analyze diagnoses, depth of treatments, chamber operators, number of treatments received, gender, day of week and TEED otic barotrauma scores. The aim of this project is to determine whether there are significant factors that affect otic barotrauma while patients are undergoing hyperbaric oxygen therapy.

The results of this study will help aid clinicians to not only assist in decreasing the number of OB adverse events in HBOT, but it may also inform scuba divers with comorbidities of otic barotrauma. Available literature does not address comorbidities on the incidence of otic barotrauma in HBOT or of pre-hyperbaric oxygen therapy evaluation and treatment by Otolaryngology.

QUALITY

Readmission Trends in Family Medicine

Efforts continue to reduce patient readmissions throughout the department. Inpatient teams continue to meet weekly bringing together providers, case management, home care and quality to analyze the previous weeks readmissions and offer suggestions and process improvements. New communication paths between the ED, Inpatient and clinics are currently being worked on and hope to be implemented mid-January. Updates will be provided as available.

ED Utilization – High Utilizers

Phase three is halfway through the current, 6-month cohort of patients. The Eastside team including providers, pharmacy, social work, nursing, health coach and quality continues to meet biweekly to discuss patients with frequent ED visits; the team aims to identify ways to better serve patients in the clinic. Since the inception of the Eastside team meetings, over 25 patients have been discussed. Data is being gathered and will be reported in the next edition of *The Pulse*.

PUBLICATIONS

Broglio SP, Katz BP, Zhao S, McCrae M, McAllister T. CARE Consortium Investigators (**Clugston JR**, et al.). Test-retest reliability and interpretation of common concussion assessments: findings from NCAA-DoD CARE Consortium. *Sports Medicine*. Published online ahead of print November 15, 2017. PMID: 29138991: (Peer Reviewed)

Harle CA, Golembiewski EH, **Rahmanian KP**, Krieger JL, Hagmajer D, **Mainous AG III**, **Moseley RE**. Patient preferences toward an interactive e-consent application for research using electronic health records. *J Am Med Inform Assoc*. 2017;0(0):1-9. doi: 10.1093/jamia/ocx145.

Michaudet C, **Malaty J**. Chronic Cough: Evaluation and Management. *Am Fam Physician*. 2017 Nov 1;96(9):575-580.

CHFM EVENTS

Upcoming Events

SUPERIOR ACCOMPLISHMENT AWARDS January 2018

The Superior Accomplishment Awards recognizes staff members who contribute outstanding service to the students and other employees at the University of Florida. As stated on their website, "recognition by one's peers is the highest point of achievement." The recipients of the award have the opportunity to compete on a division-level and receive a cash award of \$200 each and then compete for university-level awards, which offer eight \$1,000 and eight \$2,000 cash awards.

Award Categories:

- Clerical/Office Support
- Support Services
- Scientific/Technical
- Administrative/Supervisory
- Administrative/Professional
- Academic Personnel
- Diversity & Inclusion in the Workplace
- Community Service
- Determine the award category



A promotional poster for the Superior Accomplishment Awards. The background is split diagonally from the top-left to the bottom-right, with orange on the top-left and blue on the bottom-right. The text 'SUPERIOR ACCOMPLISHMENT AWARDS' is written in large, white, serif capital letters across the center. Below this, 'CELEBRATING EXCELLENCE!' is written in orange, sans-serif capital letters. At the bottom left, it says 'WIN CASH PRIZES' in white, sans-serif capital letters. At the bottom right, it says 'FOR MORE INFORMATION VISIT' in white, sans-serif capital letters, followed by the URL 'WWW.HR.UFL.EDU/AWARDS/SAA/DEFAULT.ASP' in white, sans-serif capital letters. At the very bottom, there is a small logo for 'SUPERIOR ACCOMPLISHMENT AWARDS' with a stylized graphic element.

PRIMARY CARE INNOVATION CONFERENCE April 28, 2018

This won't be your typical conference. Sessions will be interactive and centered around the sharing of ideas. This conference is for anyone and everyone working to improve primary care.

The aim is to create a collaborative space in which the primary care community can share and learn from each other's innovative practices and ideas.

The conference strives to:

- Share primary care practice innovations which improve access, quality, and coordination of care
- Think beyond our current traditional medical culture/framework to push the status quo in primary care forward
- Bring all members of the interdisciplinary primary care team together to innovate
- Build a community of innovators in primary care who will have the opportunity to continue to collaborate into the future



Past Event Highlights

NATURE COAST FALL FESTIVAL October 14, 2017

The UF Health Family Medicine—Old Town clinic represented the department at the first annual Nature Coast Fall Festival. The event had arts and craft, food, music and even a car show for those who attended. All proceeds went to the Cross City Train Depot Restoration Project.



Nature Coast Fall Festival

BENEFITS AND WELLNESS FAIR October 26, 2017

This year the UF Benefits and Wellness Fair took place in the Champions Club at the Ben Hill Griffin Stadium. Employees had the opportunity to meet with benefits and retirement vendors and learn more about available plan options. Flu shots were also open to employees who had their UFID and valid insurance ID cards. Attendees were also encouraged to participate in some wellness activities such as measuring blood pressure to enter to win a grand prize.



Benefits and Wellness Fair 2017

HALLOWEEN POTLUCK & COSTUME PARTY October 31, 2017

The CHFM team celebrated Halloween the right way this year with a fantastic potluck lunch and a Halloween party. The top four costumes received prizes from the department and had the opportunity to dress up and have some fun.



Halloween Potluck and Costume Party



Halloween Potluck and Costume Party



Halloween Potluck and Costume Party

UF HEALTH HEART & VASCULAR HOSPITAL November 2, 2017

The ribbon cutting ceremony for the UF Health Heart and Vascular Hospital took place in early November. The hospital is set to start treating patients on December 11, 2017. It will be more than half a million square feet of space, adding 216 private rooms and 15 operating rooms.

“The opening of these new hospitals will spur the translation of scientific discoveries and enhance our training of health care professionals, while augmenting our ability to serve patients in Florida and beyond who increasingly seek our care,” - W. Kent Fuchs, Ph.D., president of the University of Florida.

“The need for excellent neuromedicine and cardiac care will continue to grow. Who better than UF Health to lead the way in education, patient care and research as we develop and implement new treatments for this segment of the population?” said Ed Jimenez, UF Health Shands CEO.



Ribbon Cutting Ceremony



Ribbon Cutting Ceremony

PINK PUMPKIN PEDAL-OFF 2017

November 4, 2017

Check out our amazing group of CHFM riders!

The Pink Pumpkin Pedal-Off is a charity bike ride dedicated to local breast cancer research.

Pink Pumpkin Pedal-Off Mission:

- They are a community, collectively touched by the devastation of breast cancer.
- They are supporters, standing behind the researchers who will eradicate treatment-resistant breast cancers.
- They are partners, working tirelessly alongside the physicians who will redefine outcomes for those who suffer these insidious cancers.

Why it matters:

- Treatment-resistant breast cancers account for more than 25% of all breast cancer deaths.
- Do not respond to traditional therapies.
- Are more likely to recur than other breast cancers.
- Disproportionately affect premenopausal women, leaving young children without a mother.
- Do not receive adequate funding from the National Institutes of Health.



Pink Pumpkin Pedal-Off 2017

MIND, BODY AND SOLE 5K

November 12, 2017

Dr. Carey Barber was a beloved family medicine faculty member at the University of Florida who suffered a long battle with depression.

The Carey R. Barber, MD Scholarship was created as a tribute to his many contributions to the family medicine department and the community, aiming to bring help to others suffering from depression. Every year, one medical student is selected to receive this award in hopes that one day the stigma surrounding providers' depression will end.

This year, 161 participants made a personal contribution to the scholarship and enjoyed a beautiful day out on the Commuter Lot while spreading awareness of provider depression. The race is sponsored by the American Medical Student Association (AMSA) and Awareness Wellness Ambassadors Reaching Everyone (AWARE). The department wants to thank the generous sponsors, donors and excellent volunteers who made the race run smoothly.



Mind, Body and Sole 5k



Mind, Body and Sole 5k

iCARE 2017 CAMPAIGN

November 16, 2017

The iCARE Campaign kickoff event took place at the UF Health Shands Hospital Atrium on November 16. Faculty, staff, residents, and volunteers were invited to attend the event and support the hospital's mission to a clean and restful environment.

Dr. Michael L. Good, UF College of Medicine dean, and Ed Jimenez, UF Health Shands CEO, shared a few words at the event. They both recalled personal moments they shared with employees and shared why they firmly believe in not only the message this campaign is trying to spread but the difference it can make. Dr. Good states, "a clean and orderly environment supports our patients' confidence in the quality care we provide."



Ed Jimenez (UF Health Shands CEO) at iCARE Campaign



iCARE 2017 Campaign Kick-off Event

CHFM HOLIDAY LUNCH

December 4, 2017

The department had a wonderful time coming together to celebrate the holiday. The room was filled with laughter, great food and music. A game of Bad Santa also took place, during which attendees used their cunning to outwit their colleagues and steal the best gifts.

A big thank you to everyone who made this event possible and all the amazing people who attended!



CHFM Holiday Lunch



CHFM Holiday Lunch



CHFM Holiday Lunch

ANNUAL HOLIDAY PARTY

December 15, 2017

Dr. and Mrs. Carek graciously hosted the department's annual holiday party at their home on December 15. It was a festive evening with lots of good music, food and spirits, along with great company. Thank you, Dr. and Mrs. Carek, for a fabulous evening with the CHFM family!



Annual Holiday Party 2017



Annual Holiday Party 2017



Annual Holiday Party 2017

FACULTY SPOTLIGHT



Omobola Oduntan, MD, MPH

Assistant Professor
Family Medicine - Eastside

Dr. Omobola Oduntan joined the UF Family Medicine—Eastside practice in 2017. She received her medical degree from University of Ibadan, Nigeria, and her MPH degree from Southern Connecticut State University. Dr. Oduntan completed her residency training in family medicine at the Medical College of Georgia. Before her residency training, she had received her certification in health education and worked as a research consultant at the Institute for Health Communications in Connecticut.

Dr. Oduntan has worked for years in community health clinics. Her clinical interests are preventive health care and women's health.

Certifications and Professional Organizations

- American Board of Family Medicine
- Certified Health Education Specialist
- American Academy of Family Physicians
- Florida Academy of Family Physicians
- American Medical Association

GRAND ROUNDS PRESENTATIONS

In case you missed any of the latest sessions:

June 6, 2017

Jessica Gonzalez, PharmD

Working Together to Reduce e-Prescribing Errors

[June 2017 Grand Rounds – Mediasite](#)

May 2, 2017

Anzeela M. Schentrup, PharmD, PhD, BCPS
MACRA: Moving From Volume to Value

[May 2017 Grand Rounds – Mediasite](#)

April 4, 2017

Jeannette South-Paul, MD

The Road to Leadership in Academic Family
Medicine: Challenges and Rewards

[April 2017 Grand Rounds – Mediasite](#)

March 14, 2017

Shireen Madani Sims, MD

Coaching for Resilience to Foster Wellness in
Faculty and Learners

[March 2017 Grand Rounds – Mediasite](#)

February 7, 2017

Brian Berryman

COM Faculty Benefits and Retirement

[February 2017 Grand Rounds – Mediasite](#)

CHFM NEWSLETTER

If you would like to add something to this newsletter or have any suggestions, questions, comments or concerns, please email Maggie Martinez at magdianismartine@ufl.edu with subject "CHFM Newsletter".

Newsletter Editors:

Magdianis Martinez and Bernie Amaro

PCP LIVE PRESENTATIONS

PCP Live sessions have been cancelled. The last session was held in November 2016.

In case you missed any of the latest sessions:

PCP Live #33

Ki Park, MD

November 16, 2016

Cardiovascular Risk Stratification in Women- Where are we in 2016?

[November 2016 PCP Live – Mediasite](#)

PCP Live #32

Alice Rhoton-Vlasak, MD

October 19, 2016

Oncofertility and Infertility – What is the Difference and Why does it Matter?

[October 2016 PCP Live – Mediasite](#)

PCP Live #31

September 21, 2016

Siddhartha A. Wayangankar, MD, MPH
Demystifying the Screening and Diagnosis of
Peripheral Arterial Disease

[September 2016 PCP Live – Mediasite](#)