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It has been another great year for the Department and the Medical Center in what has been accomplished:

The nine practices in the Department of Family Medicine again received recognition from the National Committee on Quality Assurance (NCQA) for PCMH status under the 2014 guidelines. We have been recognized as level 3 PCMH practices since 2011.

The Department had eight practices accepted to participate in the first round of the program by CMS which was effective in Ohio on January 1, 2017. We were also invited to participate in the OCPC (Ohio Program) which included the Medicaid patients in our state was also effective on January 1, 2017.

Melissa Davis and David Kageorge both received the LSI PWP Preceptor of the year award for 2016-2017. This curriculum included hundreds of faculty and both of our faculty achieved a perfect rating from all students.

Funding was awarded to the study Implementing a Series of Micro and Macro Economic Interventions to Reduce Work-Related Musculoskeletal Disorders, through the Ohio Bureau of Workers Compensation. Co-Principal Investigators on the award are Kevin Evans, PhD, Maryanna Klatt, PhD, and Carolyn Sommerich, PhD, Rachel Tatarski, PhD candidate, as a Co-Investigator, and Haley Griffin and Allison Stokes as Graduate Student Investigators.

Dr. Crane and Dr. Grant had a letter to the editor printed in the New England Journal of Medicine entitled “Screening for Chlamydia trachomatis Infections in Women”.

Leon McDougle, MD, MPH, Associate Professor of Family Medicine and Chief Diversity Officer for the Ohio State Wexner Medical Center, was chosen as the Outstanding Alumnus for the Academic Year 2017-2018, by the College of Natural Sciences and Mathematics at the University of Toledo. Dr. McDougle was recognized for his academic accomplishments, his important contributions to the study of the delivery of culturally competent primary and preventative care for the underserved, uninsured populations, and his current role as Associate Dean for Diversity and Cultural Affairs at the Ohio State College of Medicine.

Dr. Aaron Clark and his dietician were invited to present on their food insecurity program at Primary One Health for the national conference for the National Association of Community Health Centers.

Dr. Leon McDougle was the keynote speaker for the first day of the three day conference for the Association of Medical Professionals with Hearing Loss (AMPHL) in Rochester, NY.

The FMIG at the Ohio State University was selected to participate in the Primary Care Leadership Collaborative (PCLC) for the 2017-18 academic year! On behalf of the AAFP, Family Medicine for America’s Health, and Primary Care progress, we are so excited for you to be part of this very important program.

The Ohio State University College of Medicine Family Medicine Interest Group earned a 2017 Program of Excellence Award! They were one of only 10 recipients of the overall award that was presented at the National Conference of Family Medicine Students and Residents. Our students have consistently won these awards over time.
Drs. Macerollo, Rundell and The OSU Department of Family Medicine have worked together with Drs. Clinchot, Davis and the College of Medicine to develop a Three Year Track for medical students. Over the last year, students were interviewed from around the country and two were selected to join the College of Medicine. Upon completion of the three years, they will enter directly into the OSU Family Medicine Residency Program to complete their training. They start this program on July 10, 2017.

Maryanna Klatt, PhD, Susan Moffat-Bruce, MD and Michelle Nguyen, MD presented at the Association of American Colleges annual Integrating Quality Meeting held in Chicago. Their topic “Building Resilience Through Mindfulness: Can We Impact Patient Safety?”, provided details of the Mindfulness in Motion intervention that was utilized to reduce medical errors in a cardiac intensive care unit as well as a historical overview of research complete thus far linking mindfulness to resilience and improved care.

Anna Askari, a fourth year medical student at The Ohio State University, interviewed with the American Academy of Family Physicians. Anna talked with AAFP News about she copes with stress and burnout and her plans to manage it going forward in her medical career. She highlighted yoga practice and volunteerism as methods to manage her wellness.

Dr. Fred Miser received the OSU College of Medicine Alumni Faculty Teaching Award for his recognition as a highly regarded teacher and mentor for the next generation of skilled physicians. This was awarded at the Honor’s Ceremony on graduation day for the College of Medicine and again at the Alumni dinner for the awardees.

Dr. Doug Post, Professor of Family Medicine and Assistant Dean of Practice-Based Learning, was awarded a significant grant by the Health Resources and Services Administration (HRSA). The grant, entitled Expanding, Enhancing, and Enriching the Primary Care Workforce through the Clinical Transformation Education, is a 5 year, $2,495,048.00 award. This is a collaborative grant co-led by the Colleges of Medicine and Nursing with interdisciplinary partners representing the School of Health and Rehabilitation Sciences, the College of pharmacy, and the College of Social Work.

Dr. Linda Stone was selected to receive the 2017 Governor’s Award for the Arts for Community Development and Participation. She was chosen because of her tremendous achievements for this award.

The American Medical Association (AMA) Foundation, presented Dr. Linda Stone with the 2016 Isaac Hays, MD and John Bell, MD Award for Leadership in Medical Ethics and Professionalism.

The Ohio State College of Medicine was selected to join only 8 other medical schools at the 2017 Millennium Conference: From Student to Doctor: Aligning UME and GME Teaching to Ensure Success. The team representing The Ohio State College of Medicine includes Dr. Allison Macerollo among others.

Dr. Melissa Davis was featured on NPR News Radio Show, All Sides with Ann Fisher, to discuss gender identity and the Transgender Primary Care Clinic at CarePoint East. The show’s topic focused on the science of being transgender and the stigmas faced by transgender individuals which can include difficulties in accessing healthcare services.

Dr. Fred Miser, MD, MA, Professor and Family Medicine Residency Program Director, was chosen as the President-Elect of the Association of Family Medicine Residency Directors (AFMRD). Dr. Miser was elected at the Program Directors Meeting held in Kansas City.

Dr. Ann McAlearney, and her team, were awarded an R-01 grant by the Agency for Health Research and Quality (AHRQ). The grant is titled “Searching for Management Approaches to Reduce HAI Transmission (SMART)”.
In Memory of Douglas Post, PhD
08/25/1950 - 11/02/2016

The Department was deeply saddened by the passing of Douglas Post, PhD, who lost his battle with cancer in November of 2016. Dr. Post began his career in the Department as a senior social worker in March 1993 and then as an Assistant Professor in January 1995. In July, 2000 he was promoted to Associate Professor with tenure and then promoted to Professor in October 2009. Initially, Dr. Post focused on patient care and residency education. Over time he began to engage exclusively in educating medical students and researching issues regarding patient communication. His colleagues enjoyed working with him and it was apparent that Dr. Post loved his work leading the education and research grants he received. Over his career Dr. Post authored 13 books, monographs and chapters and 48 journal articles. He was involved in 31 grants totaling $36,375,281 including the brand new HRSA grant that was awarded in July 2016 which he authored and served as PI on. Over the years, Dr. Post received numerous awards including the 2007 Distinguish Educator Award and the 2004 Excellence in Teaching Award.

To honor Dr. Post and celebrate his legacy, the Department of Family Medicine has established the Douglas M. Post, PhD Endowed Memorial in Family Medicine Fund. The purpose of this fund is to support educational and training activities in the Department of Family Medicine for residents, fellows, and medical students with a focus on opportunities to present research findings. Among the expenses covered will be the costs of travel, lodging, per diem and presentation expenses.
During the 2016-2017 year, The Department continued to focus on access and outcomes with regards to our annual clinical services. These services include: outpatient family medicine, inpatient medicine, geriatrics, sports medicine, occupational medicine, integrative medicine, and behavioral health.

**Family Medicine Services**

The Department of Family Medicine continued to lead the evolution of patient-centered, value-based healthcare. All offices applied for and were accepted in the Centers for Medicare and Medicaid Services Comprehensive Primary Care Plus (CPC+) Program. CPC+ is a national advanced primary care medical home model that aims to strengthen primary care through regionally-based multi-payer payment reform and care delivery transformation. We are 6 of the less than 2900 primary care offices nationwide chosen to participate.

At the heart of this program is funding to support non-traditional but necessary services within the primary care office such as care coordination, non-face-to-face care, etc. CPC+ is a unique public-private partnership, in which practices are supported by aligned payers.

As part of this initiative we have Licensed Practical Nurses to support health management, a Manager to implement Patient and Family Advisory Councils at each office, and finally we are hiring Psychologists and Licensed Independent Social Workers to support the behavioral health needs of our patients. We still employ clinical pharmacists, social workers and registered dieticians and look to expand those services in the future.

In 2016, we continued our work towards improving the health of our patient population. Our Practice Improvement and Quality Committee composed of physicians, providers, care coordinators, and managers from all family medicine practices across the Department, continued to meet monthly. This group addresses quality improvements and practice improvements in support of the multiple initiatives within the department such as PCMH recertification, Healthy Planet, value-based contracting, regulatory mandates and others, focusing on a team-based approach to further high-quality and high-value care.

**Geriatric Services**

During the 2016-2017 year we continued collaboration with HRC ManorCare through covering their Heartland Westerville and Heartland Dublin nursing homes along with their Heartland Hospice Services with Dr. Donald Mack serving as Medical Director for the facilities. This partnership allows for our residents to rotate through the nursing homes as they complete their geriatrics curriculum. Dr. Mack was joined by faculty from the Division of General Internal Medicine at Ohio State to help cover the services. This has allowed for other learners from across the medical center to rotate at the nursing homes including residents and fellows from other specialties.

This coming year, we will be continuing to integrate geriatrics care with General Internal Medicine with Dr. Mack beginning to serve on the geriatrics inpatient and consult services. He will also work with a family medicine trained geriatrics fellow as part of the Geriatrics Fellowship Program that is housed in General Internal Medicine.
Occupational Medicine Services
We continue with our occupational medicine services through our management of the Employee Health Clinic which covers the entire University, as well as our Occupational Medicine at CarePoint East practice, that covers both occupational health needs as well as serves the refugee community of the City of Columbus and Franklin and County. We additionally have several contracts that we cover onsite occupational services for.

Psychological/Behavioral Health Services
Recognizing the importance of behavioral health to the overall care of our patients, we continued expanding psychological/behavioral health services in our practices this year. In addition to the three psychologists and one dual boarded family medicine/psychiatry physician in the department, we continued to grow behavioral health access through the training of psychology students with Dr. Joan Simon acting as supervisor. For the 2016-2017 academic year, there were four Psychology Practicum PhD candidate students from the OSU Psychology Department who saw patients in our clinics at Rardin and at CarePoint East, which are our two residency sites. They began in July 2016 and continued through June 2017. Those students were: Cinthia Benitez, Jen Kuo, Brittany Schirda, and Patrick Whitmoyer. The students saw patients for individual therapy (one hour appointments) and couples therapy using evidence-based approaches with primary emphasis on Cognitive Behavioral Therapy (CBT). They also completed Integrated Assessments for ADHD and other psychological issues on referral from our own Department of Family Medicine physicians, from physicians and providers from other OSUWMC departments, and from Sports Medicine and the Athletic Department. Total patient hours for the practicum students for the academic year 2016-2017 were 1179.96.

Each student had one hour of supervision per week and one hour of group supervision per week, for the year during which time we staffed cases, discussed treatment strategies, and counseling techniques and examined diagnoses. This was supported by the development of sound strategies for consultation and collaboration with referring providers. The students were initially and intermittently observed with their patients. The students were present in the residents’ precepting rooms at Rardin and CarePoint East.

The students saw patients for individual therapy (one hour appointments) and couples therapy using evidence-based approaches with primary emphasis on Cognitive Behavioral Therapy (CBT). They also completed Integrated Assessments for ADHD and other psychological issues on referral from our own Department of Family Medicine physicians, from physicians and providers from other OSUMC departments, and from Sports Medicine and the Athletic Department. They likewise conducted support groups and didactic groups, on such topics as Pain Management, Eating Disorders, Relationships, and Depression/Anxiety.

In addition to the student trainees, we continued to recruit additional behavioral health professionals and began hiring LSIW staff to help with the integration of behavioral health at our locations that are not currently covered by one of our psychologists or psychiatrists. During the coming year, we will continue to expand behavioral health services at our practices through a new Psychology Fellowship program that will begin in August with our two fellows practicing at CarePoint East, Rardin and Upper Arlington. We are continuing to recruit for additional psychologists to add to our team.
University Health Service
The department continues to have faculty provide services at University Health Services which is a clinic that is located on the medical center campus and is available for faculty, staff and dependents covered by the OSU Health Plan. This past year, we continued the transition from primarily an urgent care clinic to a better mix of urgent and primary care at this location through the addition of primary care clinical time.

Transgender Health
As we continue to expand our services to care for our patient populations, Drs. Maria Barnett and Melissa Davis continued to provide a transgender clinic at our CarePoint East location. This clinic is offered a half day every other week and includes two residents in addition to Drs. Barnett and Davis caring for the primary care needs of the transgender patients. In 2017-2018, we will be providing another day of clinic each month with the addition of Andrew Keaster, MD whom had been training with Drs. Barnett and Davis the past couple of years.

Community Partnerships

Primary One Health
A collaborative relationship with PrimaryOne Health (formerly known as Columbus Neighborhood Health Center) has continued to grow. PrimaryOne Health is a central Ohio based Federally Qualified Health Center (FQHC) group with 10 locations serving those in the community who experience financial, social or cultural barriers to health care. Since August 2015, Dr. Aaron Clark has served as vice chair for community health for the department of family medicine resulting into his serving as the Chief Clinical Officer (CCO) for PrimaryOne Health. Dr. Clark has built upon the existing relationship between the Department of Family Medicine and PrimaryOne Health. During the past year, we have continued to have our urban residents train at PrimaryOne Health for a pediatric longitudinal clinic under Dr. Clark’s supervision. There continues to be collaboration on the HRSA PCTE grant as well as the training of third and fourth year medical students. This coming year, we will continue to expand our relationship with the addition of a new faculty member whom will take over the supervision of the residents training at PrimaryOne Health as well as cover a half day of clinic at their locations.

Kroger’s The Little Clinics and FastCare in Upper Arlington
Our partnership with Kroger’s The Little Clinics, continues to expand. We now have protocols in place that allow the nurse practitioners to care for patients with hypertension or diabetes and we have expanded this to FastCare in Upper Arlington.

Mount Carmel and Madison County Collaborative
Our partnership with Mount Carmel Medical Center and Madison County Hospital continues to expand primary care. We have hired a number of family physician faculty members who will practice exclusively at the Madison County Hospital. This collaborative now covers two locations including London and West Jefferson.
OSU Family Medicine at Thomas Rardin

2231 North High Street
Columbus, Ohio 43201

Troy Scherer, Assoc. Director
Sondos Al Sad, MD
William Buoni, MD
Patrick Fahey, MD
Laurie Greco, PhD
Michael Johansen, MD
John McConaghy, MD
Don Mack, MD
Fred Miser, MD
Bethany Panchal, MD
Milisa Rizer, MD
Kristen Rundell, MD
Ernesto Ortiz-Cruzado, MD
Janice Westphal, MD

OSU Family Medicine at CarePoint Gahanna

920 N. Hamilton Rd.
Gahanna, Ohio 43230

Megan Jordan, Manager
Riza Conroy, MD
Karyn Governale, MD
Charles Manfresca, DO
Janet R. Mason, MD
Shalina Nair, MD
Anita Ndife, MD
Raymond Quon, MD
Benita Petri-Pickstone, MD
Randell Wexler, MD

OSU Family Medicine at CarePoint Lewis Center

6515 Pullman Drive, Suite 1100
Lewis Center, Ohio 43035

Susan Webb, Practice Manager
Clinton Hartz, MD
Perry Mostov, DO

OSU Sports Medicine at CarePoint Lewis Center

6515 Pullman Drive, Suite 1100
Lewis Center, Ohio 43035

Clinton Hartz, MD

OSU Family Medicine at Worthington

160 W. Wilson-Bridge Rd., Ste.100
Worthington, Ohio 43085

Christine Richardson, Manager
Veronique Bartman, MD
Holly Cronau, MD
Yu-Ting (Tammy) Lozanski, MD
Scott Olenick, PhD
Hosi Padamadan, MD
Robert Sinsheimer, MD
Bushra Siddiqi, MD

The Jameson Crane Sports Medicine Institute

2835 Fred Taylor Drive
Columbus, Ohio 43202

James Borchers, MD
Kendra McCamey, MD
Raymond Pongonis, MD
Bryant Walrod, MD

OSU Primary Care At New Albany

240 A Market Street
New Albany, Ohio 43054

Christine Harsh, Practice Manager
David Kageorge, MD
Joes Wood, MD
OSU Family Medicine at Healthy New Albany
150 Main Street
New Albany, Ohio 43054
Christine Harsh, Manager
Steve Albrechta, MD
Matthew Farrell, MD
Elisabeth Nogan, MD
Mary Jo Welker, MD

OSU Sports Medicine at Healthy New Albany
150 Main Street
New Albany, Ohio 43054
Steve Albrechta, MD

OSU Family Medicine at Upper Arlington
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Columbus, Ohio 43221
Becky Wilkins, Assoc. Director
Anoosheh Behrooz, MD
Steven Draeger, MD
Shruti Fernandes, MD
Juliet French-Vallabh, MD
Scott Olenick, PhD
Eunice Oppenheim-Knudsen, MD
Kirti Shanker, MD

OSU Integartive Medicine at Kenny Road
2000 Kenny Rd.
Columbus, Ohio 43221
Laurel Colombini, Practice Manager
Neil A Borja, DO
Mariann Giles, MD
Ruslana Kurpita, MD

OSU Family Medicine at CarePoint East
543 Taylor Avenue, 2nd Floor
Columbus, Ohio 43203
Mary Elswick, Practice Manager
Maria Barnett, DO
Melissa Davis, MD
Rebecca Grant, MD
Allison Macerollo, MD
Leon McDougle, MD
Ernesto Ortiz-Cruzado, MD
Rupal Oza, MD
Joan Simon, MD

OSU Occupational Medicine at CarePoint East
Tracy McDill, Practice Manager
Robin Berner, MD
Mary Ann Wynd, MD

Employee Health Services
1581 Dodd Drive, Suite 201
Columbus, Ohio 43210
Linda Wellington, Director
Paul Kirk, MD

University Health Services
1581 Dodd Drive, Suite 201
Columbus, Ohio 43210
Michael Alexander, MD
Laurie Belknap, DO
Stephanie Cook, DO

Ohio State Sports Medicine & Rehabilitation at Stoneridge
3900 Stoneridge, Ste. C
Dublin, Ohio 43017
Thomas Best, MD, PhD
Raymond Pongonis, MD
The Health Services Research Team advances the stature and visibility of Primary Care, health services and outcomes research at OSU. This year we received $2.2 million in new funds for health services research projects, with an additional $10.5 million in grants under review. We have had over 63 peer-reviewed articles, books or book chapters published or in press, with another 25 articles under review. Our research team members are stellar in disseminating our research results, which is reflected in our publication record, peer-reviewed podium and poster presentations, as well as keynote, invited, and teaching presentations. Our faculty members continue to serve critical roles within OSU, and the national and international medical communities. Their collective Mentorship of undergraduate and graduate students, service on dissertation committees and grant review panels and as peer reviewers for established journals, helps to broaden the reach and impact of the Department in the area of health services research. Research team members review grants for numerous agencies including the Agency for Healthcare Research and Quality (AHRQ), the National Science Foundation (NSF), the National Institutes of Health (NIH), the National Cancer Institute (NCI), the Patient Centered Outcomes Research Institute (PCORI) and BC Cancer. They also provide peer reviews for numerous high-impact journals including the New England Journal of Medicine, Health Affairs, Medical Care Research and Review, the Journal of General Internal Medicine, Health Services Research, Medical Care, Journal of American Board of Family Medicine, International Journal of Academic Medicine, the Journal of Family Practice and the Annals of Family Medicine.

Health Services Research Team Members:

Faculty

Dr. Ann Scheck McAlearney is Professor and Vice Chair for Research in the Department of Family Medicine and has extensive health services research expertise, including substantial work in the area of health information technology adoption and implementation, primary care innovation, population health management, leadership development and organizational change.

Dr. Timothy Huerta is an Associate Professor in both Family Medicine and Biomedical Informatics in the College of Medicine at OSU and brings both breadth and depth of experience in quantitative methods, health services research, and multi-disciplinary collaboration.

Dr. Cynthia J. Sieck is an Assistant Professor in the Department of Family Medicine, having received her doctorate in Health Behavior and Health Education. Her research interests include patient engagement in health care and research activities and health behavior change.

Dr. Jennifer Hefner is an Assistant Professor in the Department of Family Medicine, having completed a fellowship as post-doctoral researcher in the DFM. Her research interests include health systems organization and management with a particular interest in primary care practice transformation.

Dr. Daniel Walker is a second-year post-doctoral researcher in the Department of Family Medicine. His research interests include examining the impact of hospital use of a new health information technology on hospital performance using large, national data sets, and expanding both quantitative and qualitative work to support research projects within DFM.

Dr. Maryanna Klatt, is an Associate Professor of Clinical Family Medicine the Department of Family Medicine with an interest in mindfulness and integrative medicine.

Post-doctoral Researchers

Dr. Barbara Barash is a post-doctoral researcher in the Department of Family Medicine. Her research interests include patient safety and improving processes that better the patient/clinician experience while supporting research projects within DFM using both qualitative and quantitative methods.

Dr. Terri Menser is a post-doctoral researcher in the Department of Family Medicine. Her research interests are defined by having an impact on patient outcomes and include performance management, performance and quality measurement, and change interventions using both quantitative and qualitative methodologies to support research projects within Department of Family Medicine.
Selected Projects of the Health Services Research Team

**Searching for Management Approaches to Reduce HAI Transmission (SMART):** Dr. McAlearney is PI, Drs. Huerta, Sieck, and Hefner are Co-Is, and Drs. Walker and Menser, Ms. Aldrich, Ms. Gaughan, Ms. Slevin, and Ms. Sova are collaborators of this project funded by the Agency for Healthcare Research and Quality designed to evaluate the contribution of management factors to successful healthcare-associated infection (HAI) reduction efforts using a regional and national data-gathering approach.

**Implementation Science Assessment of Maternal Health Quality Improvement Effort:** Dr. McAlearney is PI, Drs. Huerta and Walker are Co-Is, and Dr. Menser is a collaborator of this project funded by the Merck Family Foundation examining the impact of organizational factors and contextual environments on implementation of maternal mortality interventions.

**Development and Evaluation of Socio-Technical Metrics to Inform HIT Adaptation:** Drs. McAlearney, Huerta, Sieck, and Hefner are Co-Is and Dr. Walker is a collaborator of this project funded by the Agency for Healthcare Research and Quality to identify measures and create instruments to evaluate the progress of health information technology (HIT) adaptation.

**High Touch and High Tech (HT2):** Transforming Patient Engagement Throughout the Continuum of Care by Engaging Patients with Portal Technology at the Bedside: Dr. McAlearney is PI, Drs. Huerta, Sieck, and Hefner are Co-Is, and Drs. Walker and Menser, Ms. Sova, and Ms. Gaughan are collaborators on this project funded by the Agency for Healthcare Research and Quality designed to assess the impact of hospital-based patient portals on patient experience, long-term engagement, self-efficacy, and post-discharge quality of care.

**Patient Safety Learning Laboratories:** Institute for the Design of Environments Aligned for Patient Safety (IDEA4PS): Drs. McAlearney and Huerta are Co-Directors, Drs. Sieck and Hefner are Co-Is, and Dr. Walker, Ms. Aldrich, Ms. Gaughan, Ms. Sova, and Mr. Weinert are collaborators of a Learning Laboratory led by Chief Quality and Patient Safety Officer at OSUWMC Dr. Susan Moffatt-Bruce and funded by the Agency for Healthcare Research and Quality. With three Cores and three embedded research projects involving twenty-three investigators from the medical center and beyond, the Institute seeks to improve clinical practice by designing, testing, and exploring information flows that result in adaptation of the health care work environment to inform the development of robust practices that lead to improved patient safety.

**Portals in Inpatient Care (PIC):** Evaluating the Usability, Use, and Patient Experience Associated with Patient Portal Technology at the Bedside: Dr. McAlearney is PI, Drs. Huerta, Sieck, and Hefner are Co-Is, Dr. Walker, Ms. Gaughan and Ms. Sova are collaborators of this project funded by the Agency for Healthcare Research and Quality examining the role that the new technology of inpatient portals can play to transform the way care is delivered.

**MyExperience @:** A Patient-Centric Error Reporting Mobile Technology Application. Dr. Huerta is PI, Dr. Menser, Ms. Sova, and Ms. Gaughan are collaborators in this project to develop and test a multimodal approach to patient-centered safety incident reporting. This project leverages patient interests in being informed consumers of healthcare services along with patient use of mobile technology to manage multiple aspects of daily life.

**Taxonomy for Patient-Centered Outcomes Research:** Drs. Huerta and McAlearney are Co-PIs on a contract with the Patient-Centered Outcomes Research Institute (PCORI) to develop a taxonomy for comparative effectiveness research involving patient-centered outcomes. Ms. Aldrich, Drs. Barash, Swoboda, Ms. Volney, and Ms. Sova work closely with PCORI to assess and organize their funded research portfolio.
Lead.Serve.Inspire Part I

Part 1 is an integrated curriculum that introduces the basic science and pathophysiology of medicine and the practical application of the science covering the first two years of medical school. The department is actively involved in Part 1 of the curriculum focusing on the clinical application of the basic sciences and pathophysiology. This year we have additional involvement in Part 1 curriculum through a newly funded HRSA grant and the Primary Care Track Students.

The Health Resources and Services Administration HRSA grant was awarded to the OSU Department of Family Medicine starting July 1, 2016. The HRSA-funded Primary Care Training and Enhancement grant entitled *Expanding, Enhancing, and Enriching the Primary Care Workforce through Clinical Transformation Education* was directed by Dr. Douglas Post until his leave and subsequent death. The project director leadership was assumed by Dr. Mary Jo Welker the fall of 2016. This grant is composed of 4 objectives and spans all four years of medical school training and extends into residency training.

Objectives 1 and 2 focus on curricular components based in LSI part 1.

**Objective 1**: To develop, implement, and evaluate a four-year Primary Care Interest (PCI) component of the Ohio State University College of Medicine Lead.Serve.Inspire Curriculum.

**Objective 2**: To develop, implement, and evaluate a three-year focused Primary Care Track (PCT) of the Ohio State University College of Medicine Lead.Serve.Inspire Curriculum.

Primary Care Longitudinal Group
Interdisciplinary Case Management
Community Health Education
Health Coaching
Health Systems Informatics & Quality
Hot Spotting Advanced Competency
PCMH Interdisciplinary Longitudinal Practice Preceptorship
Patients Within Populations Longitudinal Interdisciplinary Clerkship
Advanced Training Interdisciplinary Preceptorship AMRCC

**Objective 3**: To refine, expand, and extend clinical transformation education to all medical students, nursing students, and other health professional students at The Ohio State University.

**Objective 4**: To develop, implement, and evaluate a healthcare transformation and leadership training curriculum for Family Medicine resident physicians in the Ohio State University Family Medicine residency program. The clinical transformation curriculum for residents developed through Objective 4 of the HRSA PCTE grant will include three components – quality, leadership, and clinical informatics.

The following members of the Department of Family Medicine are involved in the HRSA grant: Dr. Mary Jo Welker, Dr. Doug Post, Jennifer Lehman, Ericka Bruce, Dr. Kristen Rundell, Dr. Allison Macerollo, Dr. Milisa Rizer, Dr. John, McConaghy.

The Primary Care Track PCT is a new medical school program that offers students who are interested in Family Medicine an opportunity to complete their medical school studies in an accelerated pathway that covers three years and culminates into the Family Medicine Residency program. The first two PCT students have started in Part 1 of the curriculum. MS 1 Allison Porter and MS 1 Amara Ugwu have already completed their orientation and have started the traditional Part 1 curriculum with their peers. The PCT curriculum is augmented with additional longitudinal clinical time and required objectives called Ambulatory Clinical Experiences. This additional curriculum and ambulatory training is facilitated by their preceptors, Dr. Jan Westphal, Dr. Sondos Al Sad, Dr. Don Mack and Dr. Beth Panchal, over the three years. Dr. Allison Macerollo and Dr. Kristen Rundell are the program directors for the Primary Care Track.
Longitudinal Group- This is a small group learning experience of 10-12 students that meet on a weekly basis over the first two years of medical school. The leader introduces topics such as history taking, physical exam, clinical decision making as well as ethics, social determinants of health and motivational interviewing.

Longitudinal Practice- this is the ambulatory experience for the first and second year medical students. The students are paired with a community preceptor and complete required curricular objectives. The students will spend 22 half day clinical sessions with the preceptor over a 17 month period.

Patients Within Populations (LSI Part 2)

One hundred ninety eight third-year medical students complete the required four week adult ambulatory rotation as part of the Understanding Patients Within Populations (UPWP) ring in the Lead.Serve.Inspire (LSI) curriculum. The UPWP ring is a 16-week-experience involving the Departments of Family Medicine and Pediatrics with family medicine and other departments offering two-week selective clinical experiences within the ring. The first week of the ring is Ground School where workshops on joint exam and injections, eye exams are performed. There are interactive didactics, small group experiences and a patient experience and workshop surrounding patients with disabilities are offered. The students then have 14 weeks of clinical experiences within family medicine, pediatrics and various electives. While on clinical rotations, small groups led by family medicine and pediatric facilitators meet each Tuesday afternoon. The final week consists of assessments including: specialty shelf examinations, an Objective Structured Clinical Examinations (OSCE), and finally a practical examination. Dr. Allison Macerollo serves as the Director of Integration and oversees all activities within the ring including clinical rotations, assessments, student performance and knowledge attainment. Dr. Matt Farrell serves as the Family Medicine Unit Director and has been working to increase our number of outside clinical preceptors. Dr. Holly Cronau serves as an expert educator for LSI Part 2 and assists with development of content as well as assist students who require academic support. Small Group facilitation leaders from our department were: Drs. Cronau, Farrell and Macerollo. Additionally, Drs. Randy Wexler, Laurie Belknap, Holly Cronau, Matt Farrell and Allison Macerollo all participated in Ground School presentations. We continue to offer a wide diversity of practices for the four-week ambulatory experiences including: residency practices, along with rural, urban, suburban, and inner city sites involving approximately 60 volunteer preceptors.

Clinical Tracks, Skills Course and Advanced Competencies (LSI Part 3)

During the 2016-2017 year, the second class of LSI students completed Part 3 (academic year 4) of the medical school curriculum. Our department logged over 5000 teaching hours in Part 3 LSI course work for our department. The Advanced Clinical Skills in Family Medicine course continues to be enhanced as we prepare our students going in to family medicine. This course was taught by a team of family physicians, led by Dr. Kristen Rundell and emphasized themes and skills important to success in family medicine residency programs and careers and is part of the Clinical Track for family medicine. The clinical track is designed to ensure students interested in Family Medicine Residency are well prepared to excel in the internship year and have met at least ACGME Level 1 milestones (competencies) for family medicine residents. Our department also offered two courses that provide advanced competencies for our students. The first course is in integrative medicine and is administered by our integrative medicine team. The second advanced competency course is in hot-spotting and is overseen by Dr. Randy Wexler. We continue to participate in the two new required courses within this part of the curriculum, Advanced Management in Hospital Based Care and Advanced Management in Relationship Centered Care. Departmental electives continue to be offered in sports medicine, advanced experiences in family medicine and research. We continue to enhance the courses offered and plan new advanced competencies to improve the curricular offerings for our students.
Career Exposure and Counseling (LSI Part 4)

The OSU Department of Family Medicine prides itself on the active engagement of faculty, staff and students in learning about and exploring Family Medicine. This section highlights the areas where students and faculty investigate Family Medicine outside of any defined course. Many of the programs are led by our award winning Family Medicine Interest Group (FMIG). This group is student led, but advised by Dr. Allison Macerollo. This is the largest student organization at OSU and holds over 15 lectures, 4 workshops and several outreach experiences. The group was selected yet again in 2017 to be one of 10 medical schools who won the Program of Excellence for the robust experiences for all student levels. The experiences listed below are a combination of student led or department initiatives.

**Building Blocks series** – During each block of Med 1 and Med 2 a faculty member is selected to speak about a clinical topic related to one the eight blocks, such as acute renal failure during the GI/Renal block. They also spend time discussing how Family Physicians evaluate and treat diseases seen in that block to demonstrate the breadth of Family Medicine.

**Workshops** – Students are exposed to clinical topics and procedures in Family Medicine through our robust workshop series which includes topics such as phlebotomy, joint injections, OB/GYN, and DO manipulation. Our workshops often fill within 30 minutes of posting to the student body to represent the popularity.

**Outreach** – OSU Medical Students participate in shadowing at the Mount Carmel Van serving the homeless and hosting diabetes screening at the Columbus Free Clinic. Students interact with providers in Family Medicine in each of these experiences.

**Primary Care Week** – Our student Family Medicine leaders work with students across interests in all aspects of primary care to host five weekday sessions in the week all highlighting different aspects of primary care. At least one session is a panel of primary care providers. An evening mixer with residents from Family Medicine, Pediatrics, Med-Peds and General Internal Medicine draws students seeking an informal event with students with multiple interests.

**Career Exploration** – Each department in the College of Medicine is tasked to provide information and experiences about their specialty during set times of the first and second year of medical school. Dr. Allison Macerollo provides a one hour lecture to all first year students in October of Med 1. The department has residents and faculty representatives for a career Exploration career fair that same week. Dr. Macerollo then hosts 20 students in February of Med 1 and August of Med 2 for two half days. Students participate in panel discussions, individual speakers, and clinical workshops in GYN and suturing. This is a popular and well received experience and provides a great way to have student exposure to all aspects of Family Medicine.
**Summer Externship** – In conjunction with the OAFP, the OSU Department of Family Medicine supports up to twenty students in one month experiences throughout the state of Ohio. The program is highly competitive and several of our current residents and faculty participated in the program as medical students demonstrating the positive effect this can have on our early students.

**Career Counseling** – Five evening events were provided to third and fourth year students who are considering a career in Family Medicine. The series starts in February of Med 3 to begin discussing scheduling for Med 4 and planning for a successful recruitment season. In March faculty celebrate Family Medicine matches by attending the OSU COM Match celebration. In April students come together to begin discussion of personal statements and to ensure all upcoming fourth year students are aware of and how to apply and obtain funding for AAFP Resident and Student National Conference. July meeting is set to ensure students are clear about what to expect at the AAFP Conference and writing an excellent personal statement. The last event of the year is September with local programs from Riverside, Grant, Mt Carmel and even Cleveland Clinic sending faculty and residents to discuss preparing for interview season. Each student is offered individual counseling throughout the year to assist with determining programs to consider, competitive applications and effective interviewing.

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**Family Medicine Interest Group Meetings and Workshops:**

**Advisor:** Allison Macerollo, MD

**Family Medicine Leadership Development Program:**

**Med IV Chair:** Aurielle McCauley
**Faculty Advisors:** Holly Cronau, MD
Allison Macerollo, MD

**Community Service Committee:**

**MED III-IV Officers:**
Aurielle McCauley
Dwayne Whitfield

**MED II Officers:**
Christina Knight
Erica Neuhaus
Megan Jacklen
Melissa Kander

**Premedical Initiative:**

**Med II Officer:** Anna Askari
**Advisor:** Allison Macerollo, MD

**Program Advisors:**
Allison Macerollo, MD
Holly Cronau, MD

**Education Leads:**
Veronique Bartman, MD
Matthew Farrell, MD
Karyn Governale, MD
Allison Macerollo, MD
Eunice Oppenheimer-Knudsen, MD
Kristen Rundell, MD

**Medical Student Education Committee:**
Holly Cronau, MD (Co-Chair)
Allison Macerollo, MD (Co-Chair)
Kevin Douglas, BA
Tony Casey, MD
Matthew Farrell, MD
Nanette Lacuesta-Kimmel, MD
Fred Miser, MD
Doug Post, PhD
Scott Rogers, MD
Kristen Rundell, MD
Bryant Waird, MD
Mary Jo Welker, MD
2016-2017 – Progress Toward Excellence

The 2016-2017 academic year was exceptional as the program continued to strive toward excellence in educating family medicine residents. The success of the program comes from the great support of the Department and the outstanding efforts of the residency faculty, staff, and residents who strive toward perfecting the culture and learning environment of the program.

The ACGME approved our program for 27 residents, 9 in each year group.

Our administrative support remains outstanding. Ms. Laura Thompson, MA continues to be a great source of support for the program, the program director, the faculty and residents. Ms. Whitney Brumley joined our program in February 2017 to provide administrative support to the residents and faculty; she quickly made a smooth transition. Together they make a dynamic duo!

This was the third year of the “new” ACGME Accreditation System, Family Medicine Milestones, and FM-RC Guidelines. We continue to modify our evaluation system to coincide with the 23 family medicine milestones – a never-ending process. The medical center also made a switch in the evaluation system from E-value to MedHub, which hopefully will provide a more efficient system for evaluation.

Faculty Development Series:

Dr. Fred Miser led a quarterly faculty development series for the faculty. Issues discussed the role of the Advisor-Advisee relationship, Milestones, Procedure Teaching, Precepting, Scholarship, and Getting Promoted. The final meeting in June 2017 involved an in-depth look at the residency program and the annual program evaluation.

One morning the faculty spent time with Dr. David Bahner, emergency medicine physician, learning the technique of ambulatory non-obstetrical ultrasound. Dr. Bethany Panchal has volunteered to be the “champion” in helping our faculty become credentialed in this procedure.

Faculty

We continue to maintain a stable and superb complement of family medicine faculty. At the beginning of the 2016-2017 year we unfortunately had to say farewell to Dr. Michael Johansen, and at the end of the year Dr. Maria Barnett. We welcomed Dr. Laurie Greco, who will lead our behavioral health training, and Dr. Jan Westphal, who will assume the lead physician role at our Rardin Family Practice Office. Two of our graduating residents, Drs. Bhavesh Patel and Juliet French-Vallabh, assumed a role of attending our inpatient service. Collectively our core faculty has a total of 362 years clinical experience (average 17.2 years) – there are few programs who can match the quality of our faculty!
Curriculum

Curricular Themes

Specific areas of focus this year included leadership, maternity care, procedures, scholarship, wellness and behavioral health.

Leadership

Thanks to a Primary Care Training and Enhancement grant written by Doug Post, PhD, we received funding from the Health Resources and Services Administration (HRSA) to develop and teach a leadership curriculum to our residents. Scott Graham, PhD, a retired Lt Col from the United States Air Force and currently Director of The Ohio State University Leadership Academy for Peak Performance was hired to work with Dr. Miser to develop a meaningful, practical 18-month longitudinal curriculum on leadership. Named the Resident Leadership Challenge, Dr. Graham began this monthly series in January 2017. Topics include the following:

<table>
<thead>
<tr>
<th>The Leadership Challenge</th>
<th>StrengthsFinder Part 2</th>
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<tbody>
<tr>
<td>Emotional and Social Intelligence</td>
<td>Coaching Skills</td>
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<td>Values Drive Behaviors</td>
<td>Communication Skills</td>
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<td>Inspire a Shared Vision</td>
<td>Inter-professional Teaming</td>
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<td>Model the Way</td>
<td>Leading Change</td>
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<td>Enable Others to Act</td>
<td>Generational Diversity and Civility</td>
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<td>Challenge the Process</td>
<td>Leveraging Technology to Lead</td>
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<td>Encourage the Heart</td>
<td>Servant Leadership</td>
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<tr>
<td>Work Force Engagement – StrengthsFinder</td>
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Maternity Care

At a time when fewer family physicians are providing maternity care, we decided that this aspect will become a strength in our program, with the expectation that every one of our graduates will be competent to provide prenatal, labor, delivery, and post-partum care. To that aim, this year our first-year residents each spent a month on labor and delivery at the Mt. Carmel St. Ann’s Hospital in an attempt to provide them with a community “less high risk” maternity population. This supplements the month they spend at our medical center. We believe this dual experience will enhance their maternity care education. In addition, our residents are expected to follow longitudinally and deliver at a minimum five pregnant “continuity” patients. When many programs are struggling with maternity care and faculty, we are blessed to have Dr. Bethany Panchal oversee our maternity care education while Dr. Kristen Rundell also assists in supervising our residents’ deliveries of their continuity patients.

Procedures

The latest ACGME Program Requirements for Graduate Medical Education in Family Medicine requires that, “Residents must receive training to perform clinical procedures required for their future practices in ambulatory and hospital environments. The program director and family medicine faculty should develop a list of procedural competencies required for completion by all residents in the program prior to graduation. This list must be based on the anticipated practice needs of all family medicine residents. In creating this list, the faculty should consider the current practices of program graduates, national data regarding procedural care in family medicine, and the needs of the community to be served.” Under the leadership of Dr. John McConaghy, a task force was created to develop this list. Over the course of the year the group met several times, reviewing the literature, practice patterns, and national recommendations, culminating in a procedural list of 45 procedures required for all residents to demonstrate competency prior to graduation. The group also developed a list of 46 recommended procedures for which residents must develop familiarity through observation and/or assisting and/or independent study. This upcoming year the group will determine how and where the 45 required procedures will be taught and assessed.
2016-2017 Residents

Chief Residents
During the retreat the residents selected their leadership for the upcoming year. Dr. Brian Rue was elected as Chief Resident, and Drs. Aloiya Earl and Jordan Hilgefort as Assistant Chief Residents.

First-Year Residents
Matthew Knapke, MD, Nicole Umanoff, MD, Selim Sheikh, DO, Anshuli Gupta, MD, Jeffrey Schord, MD, Chelsea Fu, MD, Jordan Hilgefort, MD, Megan Krallman, DO, Sam Jacobowitz, MD

Second-Year Residents
J. Eric Questel, DO, Linda Williams, MD, Aloiya Earl, MD, Daniel Fosselman, DO, Sophia Tolliver, MD, Jamie Robinson, MD, Brian Rue, MD, Jocelyn Morin, MD, Natalie Baer, MD

Third-Year Residents
Timothy Light, MD, Camille Moreno, DO, Sandra Palmer, DO, Whitney Christian, MD, Amy Simpson, DO, Alexandra Pelaez, MD
Not Pictured: Lauren Michelli, MD
Scholarship

With the assistance of Drs. Jennifer Hefner and Cynthia Sieck, our program made great strides in terms of resident and faculty publications and presentations (see specifics listed below in the Scholarly Activities section). The stated for this upcoming year is to increase this productivity even more, and to couple the residents and faculty together as a team.

Wellness

“Burnout” is an increasing issue among family physicians and our program made it a priority to create a culture of wellness in our residency. Specifically, we want ensure our residents are prepared to enter practice with tools that will allow them to maintain a healthy work-life balance. To help us with achieving this balance, we created new for this upcoming year the Wellness sub-committee, led by Dr. Laurie Greco, our behavioralist. This sub-committee consists of faculty, residents, and staff who meet monthly to address areas in which we can promote wellness in our program. This sub-committee routinely reports their work to the Program Evaluation Committee.

Our residents meet by year/group regularly for support. During orientation we discuss the importance of wellness and each first-year resident is asked to create a life mission statement, which is reviewed regularly. Our first-year residents meet monthly to discuss resilience, our second-year residents go through an eight-week mindfulness course, and our third-year residents will discuss how to maintain wellness in future practice. Each resident has a faculty advisor who monthly addresses wellness. Residents are asked during their bi-annual review to create specific goals, some of which much address personal health. We have written policies and discuss fatigue management, sick call and health care, and maternity/paternity leave. We have frequent program social gatherings, and the residents weekly meet for volleyball or trivia competitions. We follow the Well-Being Action Plan for Family Medicine Residents Creating a Culture of Wellness created by the Association of Family Medicine Residency Directors. It’s all about achieving a healthy balance for all.

Behavioral Health

In collaboration with our department’s psychology fellowship training program Dr. Greco developed an integrated training curriculum, which will enhance resident training in behavioral health issues, biopsychosocial medicine, and integrated care. This curriculum will begin on July 1, 2017. As part of the integrated training program, family medicine residents and psychology fellows will participate in joint training activities, including behavioral health didactics, collaborative case presentations, and shared patient care experiences in our university, urban and immigrant-refugee family practice clinics. Residents will be introduced to the Primary Care-Behavioral Health Integration (PCBHI) model. Within this framework they will participate in a joint preceptor model, in which family medicine and behavioral health faculty precept residents and psychology fellows in a shared space. Residents will learn to consult regularly with psychology fellows embedded in clinic, and they will learn to develop/implement integrated care plans for patients with behaviorally influenced conditions (e.g., mental health concerns, substance use problems, unhealthy lifestyle behaviors, chronic disease, medically unexplained symptoms, psychosocial stressors, etc.).

Residency Activities

Annual Department Affiliation Conference

On October 19, 2016, the five Central Ohio family medicine residency programs met at the Boat House at Confluence Park for lunch, followed by two presentations. Our keynote speaker was Dr. Phillip Zazove, Chair of the Department of Family Medicine at the University of Michigan. In his presentation, “It Sometimes Ain’t What You Think It Is,” he encouraged us to be aware of unconscious bias. He then applied that to the goals of diversity, inclusion, and health equity. Dr. Jonathan Thackeray and Ms. Brandi Nicholson from the Ohio Department of Medicaid spoke on “Transformation for a Healthier Ohio.” Their objectives were to have attendees understand the basic concepts of Ohio Medicaid financing, enrollment and eligibility, to identify innovative approaches to health-care financing that would record quality of care as opposed to volume of care, and to discuss interactions of Medicaid with those individuals with disabilities.

Annual ABFM In-Training Examination

Our residents continue to do well on this national October examination: 1st-year class mean 430 (national mean 356), 2nd-year class mean 452 (national mean 420), and 3rd-year class mean 509 (national mean 456). 100% of our graduating residents successfully passed the American Board of Family Medicine Certification Examination.
Resident Led Refugee and Immigrant Primary Care Clinic

Refugees and immigrants often present with complex health care needs to be addressed by a primary health care clinic. Immigrants and even more so refugees may suffer from mental health disorders at a high rate. They may also possess potentially serious medical conditions not often encountered in a local primary care practice. Much emphasis has been placed on refugee and immigrant immediate medical needs upon arrival in resettlement countries, while ongoing care may be overlooked. Dr. Jamie Robinson, a 2nd-year resident, has always had a passion to provide care to this population. Specifically, she and a group of her peers identified the Bhutanese-Nepali refugee population as having complex and possibly high-risk medical and psychological illnesses. Creatively they formed a multidisciplinary team composed of members from different healthcare professions with specialized expertise. The members collaborate together to carry out treatment recommendations that facilitate quality care for the patient. The Refugee and Immigrant Primary Care Clinic was created out of this endeavor. Once a week two residents, a faculty attending, a pharmacist, social worker and interpreter meet with up to eight Bhutanese-Nepali patients in an afternoon to provide comprehensive care. They look to expand these services by adding psychology postdoctoral fellows to provide mental health care. This has been an excellent way for our residents to reach out to this population.

Academic Residency Track

We have three residents enrolled in the MBA degree program in the Fisher College of Business: Dr. Daniel Fosselman (3rd-year), Dr. Chelsea Fu (2nd-year), and Dr. Jordan Hilgefort (2nd-year). In addition, Dr. Selim Sheikh (2nd-year) is taking an online MBA course from West Texas A&M University, Kenyon Texas.

Resident Recruitment

Resident recruitment is always a top priority for our program. Ms. Laura Thompson and Dr. Fred Miser coordinated the recruitment experience for applicants, providing a personalized approach. Drs. Brian Rue, Dan Fosselman, Aloiya Earl, and Chelsea Fu were residents actively involved in recruitment. Interest in our program was extremely high and the quality of applicants accepted for interviews was exceptional. We had 788 applicants (240 US graduates) for our nine positions.

Between November 2016 and January 2017, selected faculty and residents interviewed 65 applicants. Recruitment season ended on January 21, 2017 with a Second Look “Creative Socks” themed party at Dr. Miser’s home with over 60 individuals in attendance. Both programs were able to match with a group of talented, motivated future Family Physicians. We warmly welcomed the Class of 2020

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Tyler Adamson, DO</td>
<td>Edward Via College of Osteopathic Medicine, Virginia</td>
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<tr>
<td>Barbara Barash, MD</td>
<td>Ross, American University, St. Maarten</td>
</tr>
<tr>
<td>Andy Davis, MD</td>
<td>Wright State University Boonshoft School of Medicine, OH</td>
</tr>
<tr>
<td>Michelle Mullins, MD</td>
<td>University of South Florida Health Morassani College of Medicine, FL</td>
</tr>
<tr>
<td>Christen Johnson, MD</td>
<td>Wright State University Boonshoft School of Medicine, OH</td>
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<tr>
<td>Hiten Patel, MD</td>
<td>University of Toledo College of Medicine, OH</td>
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<tr>
<td>David Ringel, MD</td>
<td>University of Toledo College of Medicine, OH</td>
</tr>
<tr>
<td>Ben Swartz, MD</td>
<td>University of South Carolina School of Medicine, SC</td>
</tr>
<tr>
<td>Naketa Thomas, MD</td>
<td>Escuela Latioamerica de Medicina, Cuba</td>
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Scholarly Activities

Scholarship is vital for the academic environment of the Program. To assist in our scholarly endeavors this year, Drs. Jennifer Hefner and Cindy Sieck worked closely with the residents on their projects, with great progress made.

Our senior residents are required to complete a scholarly project defined as a data driven research project, a case report, or a critical literature review. Regardless of the type of project, the outcomes expected are a presentation and a manuscript suitable for publication. Our 16th annual Resident Scholarly Activity Symposium was held on May 11, 2016. Graduating residents presented the following:

**Whitney Christian, MD and Alexandra Pelaez, MD**: Barriers to Implementation of Exercise Programs in Underserved Populations: A Literature Review Advisor: Dr. Jennifer Hefner

**Lauren Michelli, MD**: The Effect of Physician Practices in an Underserved Primary Care Clinic after Completion of the Foundations in Integrative Health Courses Advisor: Dr. Maryanna Klatt

**Anthony Nguyen, DO**: Patient Portals Literature Review: New Updates Advisor: Dr. Cynthia Sieck

**Camille Moreno, DO, Sandra Palmer, DO, and Amy Simpson, DO**: Prescribing Teratogenic Medications in Women of Childbearing Age and its Association with Contraceptives Advisor: Dr. Bethany Panchal

**Timothy Light, MD**: HINTS Project Synopsis Advisor: Dr. Timothy Huerta

In addition, several of our faculty and residents were busy with publications and presentations:

**Moreno C, Panchal B, Bourne C**: “Interdisciplinary Prenatal Intake Process Increases Obstetric Patient Volumes in a University-Based Family Medicine Residency Program” research poster presentation at the STFM Conference on Practice Improvement 2016 in Newport Beach, CA, November 2016.


**Miser WF, McConaghy J**: Initial Assessment of the Six ACGME Core Competencies Upon Entry Into a Family Medicine Residency Program. Oral presentation (seminar) given to the American Academy of Family Physicians Residency Program Solutions, Kansas City, MO, March 27, 2017.


Sports Medicine Services
Dr. James Borchers serves as the Director for Sports Medicine in our department as part of the OSU Sports Medicine multispecialty group. During the preceding 12 months, our faculty covered services at Stoneridge, Morehouse, CarePoint Lewis Center, and at the brand new Jameson Crane Sports Medicine Institute in the outpatient setting. Additionally, they continued to cover OSU Athletics as well as local school districts. As we continue to grow primary care sports medicine, we anticipate we will be adding additional faculty in the coming year.

Sports Medicine Research Activities
Research is an important part of the mission of both the Sports Medicine Center and the Department of Family Medicine. Faculty members participate as PIs, Co-PIs, and investigators on studies within the Division as well as collaborating with Orthopaedics, and other departments within the College of Medicine, and other colleges across the campus where appropriate. Faculty members regularly travel to regional and national meetings to present their research through education, platform and poster sessions, as well as participate on discussant panels on a wide variety of Sports Medicine topics. The faculty presented over 53 presentations at the international, national, state and local levels. As a group, the Sports Medicine Center authored over 44 peer-reviewed papers.

Clinical Programs
OSU Sports Medicine Center, a multidisciplinary treatment center, offers family medicine, orthopedics, physical therapy, and psychological and nutritional counseling services by individuals who understand and are experienced in dealing with competitive and recreational athletes. This expertise is applied to patients who are physically active or wish to embark on a healthier lifestyle. The Department of Family Medicine is a partner with the Department of Orthopedic Surgery and OSU Medical Center at OSU Sports Medicine.
Drs. McCamey and Hartz provide therapeutic and diagnostic ultrasound to patients. Dr. McCamey has been using musculoskeletal ultrasound in the sports medicine clinic now for over two years. She helped to form a musculoskeletal ultrasound community of practice at OSU in 2009 and with this group, they created a credentialing document for the procedure. Dr. McCamey mainly utilizes the modality for guided procedures. She receives many referrals for hip injections, SI injections, piriformis injections as well as requests to help with difficult knee and shoulder injections. Dr. McCamey uses a formal musculoskeletal ultrasound curriculum, which she produced, for fellows to teach them the basics of musculoskeletal ultrasound.

Dr. Hartz began using musculoskeletal ultrasound in 2010 during his sports medicine fellowship and performs both diagnostic and interventional musculoskeletal ultrasound. He is also engaged in teaching family medicine residents, fellows, and medical students about musculoskeletal ultrasound.

**Fellowship**

The Sports Medicine Center is dedicated to advanced education in Sports Medicine by offering a one-year Fellowship in Sports Medicine leading to eligibility to complete the Certificate of Added Qualifications (CAQ) in Sports Medicine. The Program Director continues to be Dr. James Borchers and currently accepts two fellows per year. The fellowship is accredited by the ACGME; fellows are expected to pass the CAQ exam once their fellowship is completed. In addition, fellows are expected to present at a national meeting of their choice during their year at OSU. Scholarly writing in the form of a systematic review with faculty involvement is also expected. Trevor Kitchin, MD presented abstracts at the AMSSM annual meeting during the spring of 2017. Dr. Kitchin presented a clinical case study on Anterior Hip Pain in a College Field Hockey Player and a research case on the Attention Deficit Hyperactivity Disorder Prevalence in Division 1 Collegiate Athletes. Nicole Kornder, MD presented a clinical case study on Blunt Trauma to Flank During a Collegiate Soccer Game and a research case on the History of Concussion Associated with History of Musculoskeletal Injury in NCAA Division 1 Athletes. Dr. Kitchin has accepted a position with OSU Sports Medicine Center at our Lewis Center location and with COPC Family Medicine Practice in Westerville. Dr. Kornder has accepted a position with OSU Sports Medicine Center at our Stoneridge location. Our new incoming fellows for the 2017-2018 program year have started.

Paul Krebs, MD completed medical school at Wright State University Boonshoft School of Medicine and completed his residency at Wright State University Family Medicine. Larry Nolan, DO completed medical school at the Lake Erie College of Osteopathic Medicine and completed his residency at Forbes Family Medicine.

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**Fourth Year Medical Student Sports Medicine Rotation**

The Sports Medicine Center is committed to medical student education and offers a four week elective to fourth year medical students in Sports Medicine.

**The primary goals of the rotation are:**

**Office hours with assigned physician(s)**

**Attendance at weekly Sports Medicine conferences**

**Attendance for training room coverage with their assigned physician**

**Attendance at three athletic events over the four week rotation with their assigned physician**

**Complete required readings**

**Presentation with a written paper on topic of choice at the end of the four week rotation**

**Faculty for the rotation includes:**

Thomas Best MD, PhD

James Borchers MD, MPH

Clinton Hartz, MD, RMSK

Michael Jonesco, DO

Kendra McCamey, MD

Bryant Walrod, MD

The rotation is offered for six four week blocks during the academic year. A total of 17 students completed the rotation during the 2015-2016 Academic Year. Evaluations for the elective were high and the elective is one of the OSU-COM most popular and highly rated.
**Athletic Team Coverage**

The Sports Medicine Center provides care for all 36 varsity sports at Ohio State. Faculty members of the Division provide comprehensive care for all athletes at Ohio State along with event coverage for the entire Athletic Department. OSU Sports Medicine continues to provide medical coverage to Capital University, covering its athletic programs and student health. Physicians also provide medical coverage to the Ohio Machine, the pro-lacrosse team. High school coverage continues to be a priority of Sports Medicine. Faculty and fellows provide care for many local high schools and for state tournaments for the Ohio High School Athletic Association. A significant amount of time is dedicated to the care of student athletes from Columbus City Schools, Upper Arlington schools and Olentangy Local District.

**Continued Growth**

The new Jameson Crane Sports Medicine Institute, home of the largest and most comprehensive dedicated sports medicine facility in the country opened October 2016.

### Sports Medicine Faculty

<table>
<thead>
<tr>
<th>Faculty</th>
</tr>
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</table>
| **James Borchers, MD, MPH**  
Associate Professor of Clinical Family Medicine  
Team Physician  
Division Director |
| **Clinton Hartz, MD, RMSK**  
Clinical Assistant Professor of Family Medicine  
Team Physician |
| **Kendra McCamey, MD**  
Clinical Assistant Professor of Family Medicine  
Team Physician |
| **Ray Pongonis, DO**  
Clinical Assistant Professor of Family Medicine  
Team Physician |
| **Bryant Walrod, MD**  
Clinical Assistant Professor of Family Medicine  
Team Physician |
| **Adjunct Faculty** |
| **Michael Jonesco, DO**  
Assistant Clinical Professor of Internal Medicine  
OSU Sports Medicine and Team Physician  
Capital University |

<table>
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<tr>
<th>Fellows</th>
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| Steven Albrechta, MD  
2015-2016 |
| Kelly Estes, MD  
2015-2016 |
Ohio State Integrative Medicine experienced continued growth and change during its twelfth year, while providing optimal healthy living support emphasizing participatory healthcare. The center focuses on patient centered, whole-person living, by facilitating transformation and awareness through education, and scholarship as well as through collaboration through community engagement and inter-professional academic research and innovation.

In order to meet increased patient requests for integrative and alternative therapies, Ohio State Integrative Medicine has expanded their services in both inpatient and outpatient settings across the medical center. Massage Therapy Services are now offered at the James Cancer Center and service hours were increased at the Dodd Rehabilitation Center, provided by Michelle Mack, LMT and Arkenia Miles-White, LMT.

Dr. Anton Borja joined the Department of Family Medicine as the new Medical Director for Ohio State Integrative Medicine on July 1, 2016. By combining Family and Integrative medicine, his philosophy is to practice a healing-oriented approach emphasizing the whole person, at any age, utilizing evidence-based treatments both conventional and complementary which includes; Acupuncture, Osteopathic manipulation, and Mindfulness-Based Stress Reduction.

Dr. Borja sees patients at the Ohio State Integrative Medicine as well as providing inpatient services at the OSU hospitals across the Medical Center Campus. He believes in the value of training the next generation of physicians and clinicians in Integrative Medicine, and so will continue working with interested medical students and resident physicians.

Support of Integrative Medicine research efforts continues as participation in the Bravenet Research Collaborative study has increased to over 100 patients. This study helps researchers compare the impact of various integrative therapies on patient-reported clinical outcomes.

Creating awareness of the effectiveness of integrative therapies through the education of healthcare providers, medical students and the community remains a top priority. New community classes to educate healthcare professionals on integrative therapies, as well as condition specific community classes, have been added to our curriculum. Medical students continue to benefit from our Advanced Competency program as well as the Dr. Alan Bazzoli Seminar on Integrative Practices. This annual event provides medical residents an overview of integrative therapies as well as experiential practice with integrative providers.

Also, beginning this year, medical students participated in the Tulane Culinary Medicine Curriculum. This program is the first teaching kitchen implemented at a medical school to provide hands on nutrition training for medical students through culinary medicine.

<table>
<thead>
<tr>
<th>2016-2017 Integrative Medicine Providers</th>
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<tbody>
<tr>
<td><strong>Acupuncture</strong></td>
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<tr>
<td>Antron Borja, DO</td>
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<tr>
<td>David Wang, R.Ac, Dipl. C.H.</td>
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<tr>
<td>Hailing Zang, R.Ac., Dipl. Ac</td>
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<tr>
<td><strong>Ayurveda</strong></td>
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<tr>
<td>Hari Sharma, MD, DABHIHM, FACN</td>
</tr>
<tr>
<td><strong>Chiropractic</strong></td>
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<tr>
<td>John Grandominico, DC DACRB</td>
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<tr>
<td><strong>Nutrition</strong></td>
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<tr>
<td>Lori Chong, RD</td>
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<tr>
<td><strong>Integrative Physicians</strong></td>
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<tr>
<td>Anton, Borja, DO</td>
</tr>
<tr>
<td>Mariann Giles, MD</td>
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<tr>
<td>Ruslana Kurpita, MD DABHM</td>
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<tr>
<td><strong>Massage Therapy</strong></td>
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<tr>
<td>Ted Blubagh, LMT</td>
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<tr>
<td>Trevor Bradley, LMT</td>
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<tr>
<td>Rhonda Crockett, LMT</td>
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<td>Stephanie Mabry, LMT</td>
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<tr>
<td>Michele Mack, LMT</td>
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<td>Caitlin Merriman, LMT</td>
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<td>Katie Summerford, LMT</td>
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<tr>
<td>Elaine Weiss, LMT</td>
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<tr>
<td>Arkenia Miles-White, LMT</td>
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<tr>
<td><strong>Mind-Body Therapies</strong></td>
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<tr>
<td>Patrice Rancour, MS, RN, CNS</td>
</tr>
<tr>
<td>Hari Sharma, MD DABHIHM, FACN</td>
</tr>
</tbody>
</table>

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# Department Faculty

**Assistant Professor:**
- Cynthia Sieck, PhD
- Jennifer Hefner, PhD
- Daniel Walker, PhD

**Associate Professor:**
- Timothy Huerta, PhD
- Randy Wexler, MD

**Professor:**
- Thomas Best, MD, PhD
- Ann McAlearney, ScD
- Leon McDougall, MD
- W. Fred Miser, MD

**Assistant Professor - Clinical:**
- Michael Alexander, MD
- Maria Barnett, DO
- Anton Borja, DO
- Stephanie Cook, DO
- Matthew Farrell, MD
- Miriam Garcellano, DO
- Laurie Greco, PhD
- Clinton Hartz, MD
- Michael Johansen, MD
- Allison Macerollo, MD
- Kendra McCamey, MD
- Eunice Oppenheim-Knudsen, MD
- Ernesto Ortiz-Cruzado, MD
- Rupal Oza, MD
- Bethany Panchal, MD
- Bryant Walrod, MD
- Janice Westphal, MD
- Joel Wood, MD

**Associate Professor - Clinical:**
- Laurie Belknap, DO
- William Buoni, MD
- James Borchers, MD
- Aaron Clark, DO
- Holly Cronau, MD
- Donald Mack, MD

**Professor - Clinical:**
- Maryanna Klatt, PhD
- John McConaghy, MD
- Milissa Rizer, MD
- Mary Jo Welker, MD

**Visiting Assistant Professor**
- Kristen Rundell, MD

**Clinical Assistant Professor:**
- Zainab Al-Obosi, MD
- Edith Chang, MD
- Mimi Ghosh, MD
- John Grandominicco, DC
- David Groen, MD
- Robin Hunter, DC
- Michelle Khoury, DO

**Clinical Professor:**
- Rob Crane, MD

**Clinical Instructor:**
- Cheryl Bourne, CNP

**Clinical Professor Emeritus:**
- Glenn Aukerman, MD
- Patrick Fahey, MD
- Lawrence Gabel, PhD
- Linda Stone, MD
- Wilburn Weddington, MD

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# University Affiliated Faculty

**Associate Professor:**
- Christopher Taylor, PhD

**Associate Professor - Clinical:**
- Carolyn Brackett, PharmD
- Jeffery Hoffman, MD
- Bella Mehta, PharmD

**Assistant Professor:**
- C. Tory Harper Hogan, PhD

**Clinical Assistant Professor:**
- Trevor Kitchin, MD
- Tahir Maya, MD
- Kathryn Mckee, MD
- Matthew Peters, MD
- Thomas Pommering, DO
- Deepika Rangwani, DO
- Steven Richardson, MD
- Eric Stemmer, DO
- Lynn Torello, MD
- Emily Vrontos, PharmD
- David Wang, RAc
- Samuel David Weller, MD
- Sheila Westendorf, MD
- Amanda Williams, DO
- Janine Winters, MD
- Hailing Zhang, RAc

**Clinical Instructor:**
- Charles Man fresca, DO
- Janet Mason, MD
- Perry Mostov, DO
- Shalina Nair, MD
- Anita Ndife, MD
- Mohammedreza Niktash, MD
- Elisabeth Nogan, MD
- Pamela Obi, MD
- Scott Olenick, PhD
- Bhavesh Patel, MD
- Benita Petri-Pickstone, MD
- Raymond Pongonis, DO
- Raymond Quon, MD
- Kirli Shanker, MD
- Bushra Siddiqi, MD
- Harkiran Singh, MD
- Joan Simon, PhD
- Marianne Trotter, MD
- Angela Tucker, MD
- Mary Wynd, MD

**Faculty Emeritus:**
- Patrick Fahey, MD
- Glenn Aukerman, MD
- Lawrence Gabel, PhD
- Linda Stone, MD
- Wilburn Weddington, MD

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Active Research and Educational Funding

Best, TM (Co-investigator); Borchers J (Co-investigator); & Hewett T (Co-investigator). NIH Functional Evaluation to predict lower extremity musculoskeletal injury. January 2013-December 2017.$1,952,090.


Klatt, M. Yoga for Anxiety Reduction in Children and Adolescents: A Mixed Methods Effectiveness Study. The Samuel B. Hanser Visionary Award, Weaver, L. (PI), (Mentor). Kripalu Institute for Extraordinary Living, Amount: 10,000.09/16/09/18

Klatt, M. (PI), Steinberg, B, Duchemin, AM. Transforming Patient Quality and Safety Measures through Mindfulness in Motion for Health Care Professionals (HCPs): A Comparison of Cardiac Units. The Ohio State Wexner Medical Center and The Center for Clinical and Translational Science Patient Safety Grant, Amount: $25,000. 01/16-06/17


Active Research and Educational Funding Continued:


Rundell K, Bahner D. Overcoming Barriers, teaching physical exam in the ambulatory setting. 2017 College of Medicine CGEA Showcase March 16, 2017. Columbus, OH.


Welker, MJ (Director), Rundell, K (Co-Director) Health Resources and Services Administration. HRSA Primary Care Training and Enhancement Awards. Expanding, Enhancing, and enriching the Primary Care Workforce through Clinical Transformation Education. $2,499,000.00 award. Approved 7/2016.


Pending Research and Educational Funding (In Review)


Huerta, TR (PI). TRENDS Research and Coordinating Centers. NCI-R01. Competitive Grant: $3,919,692. 02/17.

Klatt, M, Innes, K, (Co-PIs) A Pragmatic Worksite Stress-reduction Program, Mindfulness in Motion, for Improving Outcomes in Hospital Nursing Staff: A Randomized Controlled Trial, Submitted to NIOSH, 6/15/17. Amount: 300,000.00


Peer Reviewed Publications


Walker DM, Mora AM, McAlearney AS. Accountable Care Organization Hospitals Differ in Health Information Technology Capabilities.” *American Journal of Managed Care. 6th Annual Special Issue in Health Information Technology*. 2016;22(12):294-299.


**Books**


**Book Chapters**


Audio Visual Material and Media


Klatt, M 2/9/17  Students helped to manage stress through mindfulness Klatt, M. Lantern,

Klatt, M 12/18/16  Yoga Helping Homeless Women Klatt, M quoted. Fox Health News.com


Klatt, M  Mindfulness for Cancer Patients: James Cancer Hospital Livestream Klatt, Research background and practice. Livestreamed to patient rooms.

International & National Presentations


Miser WF: Making the Most of the AFMRD Toolbox. One-hour breakfast presentation given to the American Academy of Family Physicians Program Director’s Workshop, Kansas City, MO, March 27, 2017.

Miser WF: Competencies Upon Entry Into a Family Medicine Residency Program. Oral presentation (seminar) given to the American Academy of Family Physicians Residency Program Solutions, Kansas City, MO, March 27, 2017.


Rundell, K, Bahner D, Ecklar G.P. Overcoming Barriers, teaching physical exam in the ambulatory setting. 2017 CGEA meeting, March 29, 2017. Chicago IL.


Walker DM, Menser T, Huerta TR, McAlearney AS. (Poster.) “Scaling up the Merck for Mother’s obstetric emergency safety bundles program: Lessons from an implementation evaluation.” Academy Health Annual Research Meeting. June 2017. New Orleans, LA.
State and Local Presentations

Bae, J, Ford EW, Huerta TR. (Poster.) “Electronic Medical Record Reminders and Smoking Cessation Activities in Primary Care,” AcademyHealth Annual Research Meeting, June, 2017. New Orleans, LA.

Borchers, JR - Clinical Applications of PRP in Sports Medicine, Athletico University, Westerville, OH August 2, 2016


Klatt, M, 2016. Presenter. “A Technique to Help You Wake Up to the Life You Are Living.” Presented at Ohio University Heritage College of Osteopathic Medicine, Athens, Cleveland, Dublin, OH

Klatt, M. 2017. Grand Rounds. Department of Internal Medicine, Starling Loving Hall, Room M-100, OSUMC, Columbus Oh.


Klatt, M. 2017. Presenter. OSU President and Provost’s Staff Leadership Program 2016-2017, Gateway Conference Center, Columbus Ohio


Klatt, M, 2016 Presenter. “Mindfulness as a way to Circumvent Stress”. Presented for the Department of Microbial Infection & Immunity, OSUMC, 12/13/16. Columbus, OH.

Klatt, M, 2016. Presenter. “Mindfulness and Staying the Course: Comprehensive Diabetes Care.” Presented at The Ohio State University East Hospital. Columbus, OH

McCamey, K- Ultrasound Applications for the Hip, Presentation for the 6th Annual Hip Symposium at Ohio State University, From the Clinic to the Field: Your Role in Treating Athletic Hip Pain. 12/16

McCamey, K- Renal/Urology for the Athletic trainer, 3/17 Presented at Capital University Athletic Training Students

Miser, WF- Approach to and Management of the Acute Abdomen – Grand Rounds given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, July 3, 2016.

Miser, WF- Evidence-Based Medicine – The Basics – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, September 19, 2016.
Miser, WF- *Care of Patients with HIV Infection* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, October 5, 2016.

*Miser, WF-Acute Coronary Syndrome* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, November 9, 2016.

Miser, WF- *The Randomized Controlled Trial* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, November 16, 2016.

*Miser, WF-Nephrology Update* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, December 14, 2016.

*Miser, WF-Myalgias and Myopathies* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, January 18, 2017.

*Miser, WF-Bites, Stings, Envenomation, Oh My!* – Grand Rounds given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, March 15, 2017.

*Miser, WF-Shared Medical Decision Making* – Lecture-discussion given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, March 15, 2017.

miser, WF- *FP Essentials – Common Childhood Skin Conditions – Part I* – Grand Rounds given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, May 10, 2017.

*Miser, WF-FP Essentials – Common Childhood Skin Conditions – Part 2* – Grand Rounds given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, June 5, 2017.

*Miser, WF- Bites, Stings, Envenomation, Oh My! Part 2* – Grand Rounds given to the faculty and residents at the OSU Family Medicine Residency Program, Columbus, Ohio, June 14, 2017.

Rundell, K, Bahner D Overcoming Barriers, teaching physical exam in the ambulatory setting. 2017 College of Medicine CGEA Showcase March 16, 2017. Columbus, Ohio.

Rundell, K, Diana Bahner and Pat Ecklar, MD; Second Annual Enhancing Physician Teaching Skills in Ambulatory Setting Workshop; Organized, wrote objectives, created curriculum for workshop; Teaching Physical Exam in the Ambulatory Setting.

Teaching Resources and How to Use Them; Team Teaching; 2.5 hours of CME credit awarded; The Ohio State College of Medicine October 26, 2016.
FACULTY ACCOMPLISHMENTS

National Awards

**Borchers, JR** 2015 “Best Doctors in America®, 2015” – (selected by peers) “honoring you as one among the top 5% of doctors in the country”

**Borchers, JR** 2016 OATA Team Physician of the Year

**Fahey, P** 2016 “Best Doctors in America” selected by peers) “honoring you as one among the top 5% of doctors in the country”

**Hefner, JL** *Selection as “Continuing Nursing Education” for the American Association of Critical Care Nurses, August 2016 - American Journal of Medical Quality*. Paper entitled: “A Lean Quality Improvement Intervention to Decrease Prolonged Ventilation Rates after Coronary Artery Bypass Surgery.”, Tripathi, RS, Abel, EE, Farneman, M, Galloway, J, Moffatt-Bruce, SD.

**Klatt, M**-Kenneth R. Gottesfeld Award, 3rd place, Journal of Diagnostic Medical Sonography, for “A Mixed-Method Approach to Evaluating the Association Between Myofascial Trigger Points and Ankle/Foot Pain Using Handheld Sonography Equipment: A Pilot Study”.

**Macerollo, A** 2015 “Best Doctors in America®, 2015” – (selected by peers) “honoring you as one among the top 5% of doctors in the country.”

**McDougle, L** 2015 “Best Doctors in America®, 2015” – (selected by peers) “honoring you as one among the top 5% of doctors in the country”

**Miser, WF** 2016 Best Doctors in America®, 2015” – (selected by peers) “honoring you as one among the top 5% of doctors in the country”

**Miser, WF** 2015 “Certificate of Excellence – Outstanding Achievement in Patient Service 2015” – based on 2014 Patient Satisfaction Results – top 10% of providers nationally – presented by the OSU Wexner Medical Center

**Miser, WF** 2015 “Best Doctors in America®, 2015” – (selected by peers) “honoring you as one among the top 5% of doctors in the country”

**Miser, WF** 2015 “Certificate of Excellence – Outstanding Achievement in Patient Service 2015” – based on 2014 Patient Satisfaction Results – top 10% of providers nationally – presented by the OSU Wexner Medical Center.

**Panchal, B** “Best Doctors in America” 2017

**Walker, D** Outstanding Reviewer Award 2016 – Academy of Management, Health Care Management Division

Local Awards

**Borchers, JR** 2017 Columbus Monthly Top Sports Medicine Physician

**Miser, WF** 2016 Certificate of Excellence-Outstanding Achievement in Patient Service 2016

**Walrod, B** 2015-Columbus Monthly Top Sports Medicine Physician