



THE OHIO STATE UNIVERSITY

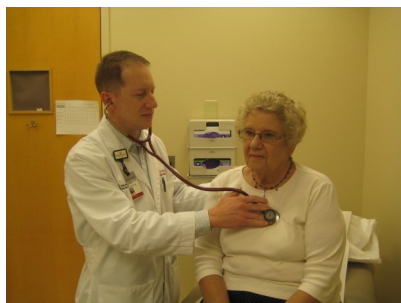
WEXNER MEDICAL CENTER



THE DEPARTMENT OF FAMILY MEDICINE

2017-2018 ANNUAL REPORT

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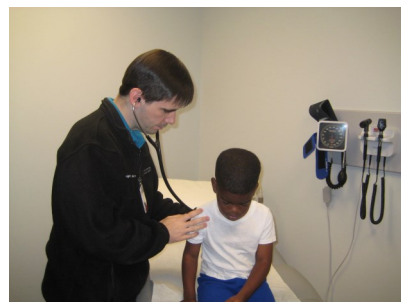
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LETTER FROM THE CHAIR

It has been another great year for our department and I want to thank all of our faculty and staff for their hard work and support during this academic year. As you will see, we have a variety of things going on with the activity of our extensive faculty support.

Dr. Donald Mack was sworn in as President of the Ohio Academy of Family Physicians on August 12, 2017. We are proud of Don and the leadership he represents in our department and in organized medicine in our state.

Dr. Fred Miser was honored with the Faculty Teaching Award from the College of Medicine. This is a testament to his great career as an educator in Family Medicine and the work he has done in education here at Ohio State with both students and residents.

Dr. Milisa Rizer received the 2018 Physician of the Year award from EPIC during the Expert User Group (XGM) Meeting. She was recognized for her outstanding contributions to EPIC and the improvement of the EMR. She was also noted to be the first woman to win this award! Dr. Rizer was also recognized by Smart Business Magazine's Smart Women Awards as a *Trailblazer*. This recognition is given to a woman who has risen through the ranks, while facing challenges and overcoming them along the way.

The Ohio State Family Medicine Interest Group was selected to participate in the Primary Care Leadership Collaborative for 2017-2018 at the AAFP National Conference. In addition, the Ohio State Family Medicine Interest Group earned a 2017 Program of Excellence Award! The Ohio State FMIG is one of only 10 recipients to achieve this award. We have been consistently winning these awards and have a great team of faculty and students.

Dr. James Borchers was named as the head team physician for the Ohio State Athletic Department. Jim has been working with them since joining our department and this is a great honor for him.

Dr. Leon McDougale was elected to serve as the National Medical Association Treasurer for a two year term during the NMA Convention and Scientific Assembly that convened in Philadelphia, July 29th-August 2nd, 2017. This allows him to serve as an ex officio member of the Board of Trustees and Executive Committee.

Elena Curry, a second year medical student at Ohio State, was appointed to represent the American Academy of Family Physicians (AAFP) as a delegate to the American Medical Association Medical Student Section. Elena is one of only two students in the country appointed to this position. Her term will last through the fall of 2018.

We welcomed our first two Primary Care Track students at The Ohio State University Wexner Medical Center - Allison Porter and Amara Decker – who started in July 2017. They will complete medical school in 3 years and then join our Family Medicine Residency Program. And we worked to recruit the next two students who joined us in July 2018 - Hannah Gerdes and Ryan Poland.

Our Family Medicine Residency filled in the match this year with nine residents of excellent quality. We also graduated nine residents as well: Natalie Baer, MD - Private Practice, Brighton, MI; Aloiya Earl, MD – Sports Medicine Fellowship, University of Alabama; Dan Fosselman, DO – Sports Medicine Fellowship, University of Cincinnati; Jocelyn Morin, MD – Private Practice, Cazenovia, NY; Eric Questel, DO – OSU Outpatient Care at Gahanna, Gahanna, OH; Brian Rue, MD - Sports Medicine Fellowship, University of Cincinnati; Jamie Robinson, MD – OSU Family Medicine at Worthington, Worthington, OH; and Sophia Tolliver, MD – OSU Care-Point East FPC, Columbus, OH.



Mary Jo Welker, MD

Professor of Clinical Family Medicine
Chair, Department of Family Medicine
Associate Dean for Primary Care

LETTER FROM THE CHAIR

We house the two year Clinical Informatics Fellowship in the Department of Family Medicine and as part of their training they travel to the Physician Builder class at the EPIC Headquarters in Verona, Wisconsin. While there they learn various skills and tools that can help physicians in the future.

The Sports Medicine Fellowship is also in the Department of Family Medicine and Dr. Larry Nolan and Dr. Paul Krebs volunteered their time during Pelotonia as medical site supervisors. These two also have spent their time covering high school sporting events at Upper Arlington High School, Olentangy High School, and Columbus City Schools!

Dr. Nicole Hollingshead and Dr. Risa Long settled into our department as the first two Psychology Fellows in the Department of Family Medicine. It has been a great opportunity to integrate brief therapies for patients who may not have the time or need to set up full out-patient appointments but it works great for those struggling with chronic mental and physical health needs. This is our movement into the integration of behavioral health into primary care and these two individuals will be joining our faculty at the completion of this fellowship.

Dr. Riza Conroy, a Clinical Assistant Professor of Family Medicine, at OSU Family Medicine at CarePoint Gahanna, was chosen for Courage to Teach. This honor is given to those faculty members who have a passion for medical education and are dedicated servants to leadership in the mission of the Humanism in Medicine Initiative.

The National Institute on Minority Health and Health Disparities has awarded a 5-year grant of \$2,267,628 for research in Translational Candidate-Gene Studies of Simvastatin-Induced Myopathy in African Americans. Leon McDougle, MD, MPH, a Professor of Family Medicine is the Co-Investigator.

Allison Macerollo, MD, Assistant Professor – Clinical Family Medicine and OSUCOM Director of Medical Education in the Department of Family Medicine, served as the primary investigator and Internal Champion of the grant sponsored project to expand disability education in the LSI curriculum—*National Curriculum Initiative in Developmental Medicine's Medical School Partners* sponsored by Special Olympics and the American Academy of Developmental Disability.

Riza Conroy, MD was selected as the newest honoree for the Linda C. Stone Mentoring Award. She was selected by a committee for all that she has accomplished and all that she continues to do to make the College of Medicine a more kind and caring place.

Dr. N. Anton Borja is the Division Director for our division of Integrative Medicine and has been named as the Medical Director for the newly creative Integrative Oncology Services at the James Comprehensive Cancer Institute. And we continue to see increased growth in our integrative medicine services with a significant increase in visits during the last fiscal year.

We continued to participate clinically in the CPC+ Program with all of our family medicine sites being invested in this project. As a result of the care management fees we received we were able to expand our behavioral health coverage, our care coordinator coverage, our pharmacists, dieticians, and referral coordinators. This allowed us to expand our team based care models for our faculty and for the teaching of our medical students in that model of care.

Dr. Maria Barnett and Dr. Melissa David led a breakout session at the regional conference designed for both the LGBTQ and HIV community titled "Transgender Medicine 201: Case Discussion Group". They lead our transgender clinic in our department.

We are participating in a MEDDTAP grant - The purpose of this grant is to establish a sustained wide collaborative comprised of all Academic Medical Centers for the promotion of improved cardiovascular health in general and high blood pressure in particular. This entity, called CARDI-OH will serve as the central and repository for cardiovascular related materials. In addition, CARDI-OH will focus significant time on improving the cardiovascular care for patients on Medicaid. Dr. Randy Wexler serves as the Ohio State PI on the grant.

LETTER FROM THE CHAIR

Dr. Randy Wexler is participating in an R-01 grant which is a \$2.8 million NIH grant, the goal being to identify the role that urinary antimicrobial peptides play in diagnosing UTI in older adults. This has both clinical as well as policy implications. Clinically, if we are able to identify patients at high risk, we can intervene quickly with respect to potential urinary tract infections and reduce the risk of sepsis. From a policy standpoint, this will help to inform how basic science can be used to provide value-based care and achieve the goal of improving care while reducing cost.

Dr. Rob Crane continues as President of the Preventing Tobacco Addiction Foundation with the major project being Tobacco 21. In this role, he works with hundreds of advocates, volunteers, community leaders and policy makers around the country to increase awareness of the risks to young people from nicotine addiction and tobacco use. This past year, they crossed the 28% mark for the population in the US covered by "Tobacco21" laws, up from 0% five years ago. 348 cities and counties have passed Tobacco 21 ordinances, as have six entire states plus Washington DC and the US territory of Guam.

This year Dr. Mary Jo Welker also received a supplemental grant from the Health Resources and Services Administration. HRSA Primary Care Training and Enhancement Awards; Supplemental Grant Objective 5: Opioid Use Disorder Modules. The purpose of this supplement is to provide evidence-based training in OUD prevention, diagnosis, and treatment, emphasizing Medication-Assisted Treatment (MAT), to primary care providers and other healthcare professionals to assure an inter professional work force prepared to address the opioid epidemic through the creation of self-directed learning modules.

This year, our team established the Center for the Advancement of Team Science, Analytics and Systems Thinking in (CATALYST) in Health Services and Implementation Science Research as a formal Center in the College of Medicine. As an innovative and independent center within the College of Medicine, CATALYST is focused on providing a well-recognized hub for health services and implementation science research efforts within the College. They are leading health services research projects representing over \$10 million in grants and contracts, and we have an additional \$15 million in grants under review. We have had over 28 peer-reviewed articles, books or book chapters published or in press, with another 22 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 delivery of keynote, invited, and teaching presentations.

Dr. Fred Miser was installed during this academic year as the President of the Association of Departments of Family Medicine. Dr. Miser has worked hard to improve our residency and I am sure his experience and skill is a great asset to the organization as it is to our department.

Tonya Van Fossen completed her two-year term on the Association of Departments of Family Medicine Board in February. In addition to serving on the board, she served as Chair of the Administrators group within ADFM this past year.

Dr. Bethany Panchal was chosen to participate this year in the Emerging Leaders Program with STFM. She hopes to improve her skill set as she moves up to an associate residency program director in our department.

This year we had several modules approved for CME credits through the AAFP as enduring materials. They are available for general use and can be purchased on-line. These include: 1) ACO modules and information to learn about an Accountable Care Organization; 2) PCMH modules and learning about what it takes and how to be a Patient-Centered Medical Home and 3) Opioid Use Disorder (OUD) Modules which includes 14 modules about the various aspects of diagnosis and treatment for those with substance abuse.

CLINICAL SERVICES

During the 2017—2018 year, the Department continued to focus on access and outcomes with regards to our clinical services. These services include: outpatient family medicine, inpatient medicine, geriatrics, sports medicine, occupational medicine, integrative medicine, transgender health and behavioral health. In July, we opened our new Worthington location, which moved to a new facility. During the year we continued the expansion of our family medicine services with the recruitment of Faraz Ahmad, MD, Ibrahim Ali, MD, Gordon Brown, MD, Whitney Christian, MD, Balpreet Jammu, MD, Rachael McGuirk, MD, Sandra Palmer, MD, and Mark Rastetter. Additionally, Renee Miranda, MD and Leah Welsh, DO joined our Integrative Medicine practice providing both family medicine and integrative medicine. Nicole Kornder joined our family medicine and sports medicine practices, while Andrew Keaster joined our Transgender Care team. With regards to behavioral health, Maria Williams-Alexander, PsyD joined our Rardin practice as we continue to grow our behavioral health team. While all of these new faculty joined us in 2017-2018, we also had a very successful recruitment year, with the recruitment of eleven new faculty who will join us in 2018.



Worthington Family Medicine

Family Medicine Services

John, McConaghy, MD, Vice Chair - Quality, and Randy Wexler, MD, MPH, Vice Chair-Clinical Services, continue to lead our family medicine services along with our lead physicians for our family medicine practices including: Riza Conroy, MD, Balpreet Jammu, MD, Eunice Oppenheim-Knudsen, MD, Mark Rastetter, MD, Janice Westphal, MD and Joel Wood, MD. Under their leadership, we continued our work towards improving the health of our patient population. Our Family Medicine practices participate in Medicare's Comprehensive Primary Care Plus (CPC+) program—a national advanced primary care medical home model created to strengthen primary care through payor reform and the transformation of care delivery. There are only 2900 offices nationwide that have been accepted into this program. The cornerstone of the program is a monthly per member per month care management fee that is utilized to help build a team-based infrastructure to support patient care. As such we have been able to integrate pharmacists, diabetes educators, dieticians, mental health providers and care-coordinators into all of our practices. In addition to the resultant reduction and hospital admissions and ED utilization, this team-based approach has resulted in significant improvements in quality metrics such as colorectal cancer screening rates and blood pressure control rates significantly above national average to name a few. We also participate in Ohio's CPC program (OCPC) which is the Department of Medicaid's version of CPC+. As part of this program medical groups are required to pass a minimum of 10 out of 20 quality metrics. The department of family medicine passes 15. Our Practice Improvement and Quality Committee and managers from the family medicine practices meet monthly to address quality and practice improvements through multiple initiatives. These initiatives weave together the mandates of the CPC+ program, regulatory mandates, value-based contracting, the electronic health record (EHR) and population



John McConaghy, MD



Randy Wexler, MD, MPH



health to develop robust, team-based, coordinated care processes of patients and of populations with the goal of maximizing patient care quality and value.

We have begun piloting eVisits whereby through our patient portal, patients may communicate to their provider about common often minor problems. This includes upper and lower respiratory tract infections, diarrhea, back pain, and headache. The branching logic of the questionnaire means that answers and questions will be variable even if the patient starts out with the same symptoms thereby ensuring each presenting symptom is not automatically treated the same. We have also begun employing video visits mainly in the areas of pharmacy reconciliation, undertaken by our clinical pharmacists, as well as

CLINICAL SERVICES



care coordination efforts led by our nurse care coordinators. In an ongoing effort to provide as much care to patient's was in our offices, we are utilizing Upper Payment Limit grants focused on diabetes and blood pressure management. The first will allow us to purchase handheld retinal scanners to ensure all diabetic patients have a dilated retinal exam. The latter will employ automatic blood pressure cuffs that do not deploy until the patient has been seated for 5 minutes and then takes blood pressures every minute $\times 3$. This this will be used to assess white coat hypertension, as well as monitor clinical efficacy.

Departmental quality improvement (QI) and practice improvement (PI) initiatives and education are also integrated into our Family

Medicine Residency and medical student curricula. Our residency continues to develop a robust quality and patient safety curriculum and students participate in the Health Systems, Informatics, and Quality Project (HSIQ) longitudinal experience. These curricula are designed to create competency in the delivery of safe, timely, effective, efficient, equitable and patient-centered care as defined by the Institute of Medicine. One arm of a current Health Resources and Services Administration (HRSA) grant partners medical students and residents to work on QI and PI in the practices. For example, medical students, as part of a multidisciplinary care team work with high utilizing patients, often known as hot spotters, to help them better navigate the health care system and reduce utilization in cost. As part of our QI initiatives we now meet regularly with all commercial payers focused on jointly employing interventions around value-based initiatives. As a result of these collaborations, the department of family medicine exceeds the mid-Ohio averages the vast majority of metrics tracked. Finally, we partnered with the OSU Health Plan to improve depression screening rates in our practices.

Dietetics and Nutrition

The Registered Dietitian Nutritionists are able to see patients for one on one medical nutrition therapy counseling for any health condition that diet could impact. Our most common referrals are for weight management and diabetes. There is so much potential to impact the CPC+ goals if referrals are made and time is given to allow patient behavior changes to impact chronic disease.



Pharmacists

Over the past year, the pharmacy team grew to 5 clinical pharmacists and increased coverage at each of the Family Medicine offices. The pharmacy team collaborates with physicians and nurse practitioners to provide diabetes and hypertension management and education, medication therapy management for patients with complex medication regimens, and tobacco cessation counseling and management. Pharmacists also serve as medication specialists, answering questions regarding drug interactions and dosing, and assisting the providers with other additional disease management as needed.

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.

Geriatric Services

During the 2017-2018 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 year, Dr. Mack expanded geriatrics services in the Department by serving on the geriatrics inpatient and consult services as well as increasing his involvement in the geriatrics fellowship program.



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 our 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 where we cover onsite occupational services.

Transgender Health

Ohio State's Transgender Primary Care Clinic has continued to grow during the 2017-2018 academic year. We welcomed just under 200 new patients and provided comprehensive care including routine screening, primary care and transition-related care to over 600 patients who identify as transgender or gender non-conforming (no matter which words our patients choose to describe themselves). Throughout the academic year, the Transgender Clinic trained over 20 health professions students on the culturally sensitive care of these patients. These include medical students, clinical psychology students, and practicing professionals from OSU and around central Ohio. In May 2018 Benjamin Green, an OSU student mentored by the faculty at the Transgender Primary Care Clinic, was awarded honors with research distinction for his undergraduate senior research thesis, "Evaluating Anxiety and Depression in Transgender Patients." In October 2017, Melissa Davis, MD and Maria Barnett, DO led a workshop titled "Transgender Primary Care: Case Discussion Group" at the 2017 Transforming Care Conference. Additionally, Dr. Melissa Davis worked with Dr. Milisa Rizer, OSUWMC Chief Medical Information Officer, to improve our electronic health record's capability to document patients' gender identity and track preventive care in this population.



Melissa Davis, MD

Psychology and Behavioral Health



Scott Olenick, PhD

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. This year, the Department was fortunate to have four third/fourth-year level OSU Clinical Psychology doctoral students placed in the Primary Care Psychology Practicum for the 2017 – 2018 academic year. These students included Avelina Padin, M.A., Steven Schiele, M.A., Jacob Landers, M.A., and Thomas Valentine, M.A. The 2017 – 2018 year was also the first time the

CLINICAL SERVICES

department was able to broaden its' scope and have students located in three ambulatory clinics – Rardin, Worthington, and Upper Arlington, under the direct supervision of Dr. Scott Olenick. Practicum students saw Family Medicine patients to address a broad range of behavioral health concerns including depressive and anxiety disorders, bipolar disorders, obsessive-compulsive disorders, and posttraumatic stress disorders utilizing empirically supported treatments. Students also completed integrated assessments for Attention Deficit Hyperactivity Disorder (ADHD) and other psychological issues upon referral from providers from the Department of Family Medicine and Sports Medicine. Each practicum student received one hour of individual supervision per week and one to two hours of group supervision per week for the entire year. Group supervision was dedicated to enhancing students' clinical knowledge and skills through didactic trainings. In total, students provided 1258 hours of individual counseling, conducted 187 initial psychiatric evaluations, and performed 21 ADHD evaluations for Family Medicine patients. This past year, we also began a one-year psychology fellowship program which expanded our behavioral health services at our CarePoint East, Upper Arlington and Rardin locations.

In addition to the student trainees, we continued to recruit additional behavioral health professionals including 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. There are three social workers employed within Family Medicine. Each of them is a licensed independent social worker (LISW-S). They are located within the Lewis Center Primary Center, Gahanna Family Medicine, and Healthy New Albany. The social workers provide individual counseling, complete brief interventions during the doctor appointments, following up with at risk patients, and assist with linkage to community resources. Referrals are made from the PCP and range from depression, anxiety, trauma, insomnia, chronic pain, and weight issues. Treatment modalities that are used include Cognitive Behavioral Therapy, Acceptance and Commitment Therapy, Behavioral Therapy and psycho education.

Community Partnerships

Primary One Health

A collaborative relationship with PrimaryOne Health has continued to grow. Aaron Clark, DO continued as Chief Clinical Officer and was joined by Mark Rarstetter, MD in March. PrimaryOne Health is a central Ohio based Federally Qualified Health Center (FQHC) with 10 locations serving those in the community who experience financial, social or cultural barriers to health care. This collaboration has helped to build on the strong foundation of clinical care, resident/student training and clinical research missions of the Family Medicine department. Of significance, 2018 marks the beginning of the third consecutive year of pediatric emphasis longitudinal clinic training for the Urban Track Family Medicine residents at the Agler road PrimaryOne Health clinic location. Utilizing preceptor faculty from the department, this collaboration has contributed to the high quality training our residents receive by providing opportunities for enhanced pediatric care experiences. Additionally, there continues to be collaboration on the HRSA Primary Care Training and Education (PCTE) grant which has resulted in clerkship rotations for medical students training alongside advanced practice registered nursing students from the College of Nursing at several PrimaryOne Health sites.



Aaron Clark, DO

Krogers' The Little Clinics

The Ohio State Family Medicine collaboration with *The Little Clinic* remains steady, as we continue to have Family Medicine physicians collaborate with the nurse practitioners at these locations. The protocols established at the clinics for hypertension and diabetes remain in place.



OSU Family Medicine at Thomas Rardin

2231 North High Street
Columbus, Ohio 43201

Troy Scherer, Assoc. Dir.,
Sondos Al Sad, MD
William Buoni, MD
Patrick Fahey, MD
Laurie Greco, PhD
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
Maria Williams-Alexander, PsyD



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 Outpatient Care Gahanna

920 N. Hamilton Rd.
Gahanna, Ohio 43230

Erica Esposito, Manager
Riza Conroy, MD
Karyn Governale, MD
Janet R. Mason, MD
Shalina Nair, MD
Anita Ndife, MD
Raymond Quon, MD
Benita Petri-Pickstone, MD
Randell Wexler, 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
Balpreet Jammu, MD
Yu-Ting (Tammy) Lozanski, MD
Rachael McGuirk, MD
Scott Olenick, PhD
Harkiran Singh, MD



OSU Family Medicine at Outpatient Care Lewis Center

6515 Pullman Drive, Suite 1100
Lewis Center, Ohio 43035

Susan Webb, Practice Manager
Clinton Hartz, MD
Rupal Oza, MD

OSU Sports Medicine at Outpatient Care Lewis Center

Clinton Hartz, MD



The Jameson Crane Sports Medicine Institute

2835 Fred Taylor Drive
Columbus, Ohio 43202

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

CLINIC SITES



OSU Family Medicine at Philip Heit Center for Healthy New Albany

150 Main Street
New Albany, Ohio 43054

Family Medicine
Christine Harsh, Manager
Steve Albrechta, MD
Matthew Farrell, MD
Elisabeth Nogan, MD
Mary Jo Welker, MD

OSU Sports Medicine

Steve Albrechta, MD



OSU Sports Medicine at Stoneridge

3900 Stoneridge Lane
Dublin, OH 43017

Nicole Kornder, MD
Raymond Pongonis, DO



OSU Family Medicine at Outpatient Care Upper Arlington

1800 Zollinger Rd., 5th Floor
Columbus, Ohio 43221

Becky Wilkins, Assoc. Director
Anoosheh Behrooz, MD
Gordon Brown, MD
Juliet French-Vallabh, MD
Nicole Kornder, MD
Scott Olenick, PhD
Eunice Oppenheim-Knudsen, MD
Sandra Palmer, DO
Kirti Shanker, MD



Ohio State Integrative Medicine

2000 Kenny Rd.
Columbus, Ohio 43221

Laurel Colombini, Practice Manager
Neil A Borja, DO
Mariann Giles, MD
Renee Miranda, MD
Leah Welsh, DO



Family Medicine at CarePoint East

543 Taylor Avenue, 2nd Floor
Columbus, Ohio 43203

Mary Elswick, Practice Manager
Faraz Ahmad, MD
Ibrahim Ali, MD
Whitney Christian, MD
Melissa Davis, MD
Rebecca Grant, MD
Allison Macerollo, MD
Leon McDougale, MD
Ernesto Ortiz-Cruzado, MD
Joan Simon, PhD
Mark Rastetter, MD



University Health Services

1581 Dodd Drive, Suite 201
Columbus, Ohio 43210

Linda Wellington, Director
Michael Alexander, MD
Laurie Belknap, DO
Stephanie Cook, MD

Employee Health

Paul Kirk, MD

SPORTS MEDICINE DIVISION

Sports Medicine Clinical Services

James Borchers, MD, MPH continues to serve as the Director for the Division of Sports Medicine in our department as well as the Clinical Lead for the OSU Sports Medicine multispecialty group at Ohio State.



James Borchers, MD, MPH

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.

During the 2017-2018 year, our faculty covered services at the Jameson Crane Sports Medicine Institute, Stoneridge, CarePoint Lewis Center, and Healthy New Albany in the outpatient setting. Drs. James Borchers, Kendra McCamey, Steve Albrechta, Bryant Walrod, Nicole Kornder, and Clinton Hartz provide therapeutic and diagnostic ultrasound to patients. Primarily, ultrasound is used for guided procedures. Sports Medicine receives many referrals for hip injections, SI injections, piriformis injections as well as requests to help with difficult knee and shoulder injections. The physicians also provide orthobiologics platelet-rich plasma injections for musculoskeletal conditions.



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. This past year, Dr. Borchers was promoted to Head Team Physician. Drs. Kendra McCamey, Bryant Walrod, Ray Pongonis and Clint Hartz joined him to serve as team physicians for OSU Athletics.

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 City Schools, Olentangy Local District, Granville Schools, Columbus School for Girls, and Grove City Christian.

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, as well as 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 to participate on discussant panels on a wide variety of Sports Medicine topics. The faculty presented over 75 presentations at the international, national, state and local levels. As a group, the Sports Medicine Center authored over 62 peer-reviewed papers.

SPORTS MEDICINE DIVISION

Sports Medicine Fellowship

The Sports Medicine Center is dedicated to advanced education in Sports Medicine by offering a one-year ACGME accredited Fellowship in Sports Medicine leading to eligibility to complete the Certificate of Added Qualifications (CAQ) in Sports Medicine. The program accepts two fellows each year. The Program is under the direction of Dr. James Borchers. Fellows are expected to pass the CAQ exam once their fellowship is completed. In addition, fellows are expected to submit an abstract or case for presentation at either an ACSM or AMSSM national meeting during their year at OSU. Scholarly writing in the form of a systematic review with faculty involvement is also expected. Paul Krebs, MD presented abstracts at the AMSSM annual meeting during the spring of 2018. Dr. Krebs gave a platform clinical case study presentation on Bilateral Thigh Pain in an Adolescent Athlete and a poster presentation on Weight Satisfaction and Management in NCAA Division 1 Athletes: An Analysis by Sport and Sex. Larry Nolan, II, MD presented a clinical case study poster on Bilateral Lower Extremity Pain in a Recreational Basketball Player and a research case poster on the Prevalence of medication and supplement use among Division 1 incoming athletes. Dr. Nolan has accepted a position with OSU Sports Medicine Center at our Gahanna location and Student Health. Dr. Krebs has accepted a position with Premier health in Dayton, Ohio. Our new incoming fellows for the 2018-2019 program year have started. George Matic, MD, MPH completed medical school at the Ohio State University College of Medicine and completed his residency at Wright State University Family Medicine. Jock Taylor, MD completed medical school at Wright State University Boonshoft School of Medicine and completed his residency at Trident/ MUSC Family Medicine.

Fourth Year Medical Student 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. Dr. Bryant Walrod leads the rotation.

The primary goals of the rotation are:

- Exposure to a multidisciplinary approach to the practice of Sports Medicine
- Become familiar with common problems encountered in Sports Medicine, their presentation, diagnosis and management
- Learn and refine musculoskeletal physical examination skills
- Become familiar with common procedures used in Sports Medicine (i.e. injection techniques, fracture care, splinting/ casting)

Requirements of the rotation include:

- 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

The rotation is offered for six four week blocks during the academic year. A total of 7 students completed the rotation during the 2017-2018 Academic Year.

Sports Medicine Faculty

Steve Albrechta, MD

Clinical Assistant Professor of Family Medicine

James Borchers, MD, MPH

Associate Professor of Clinical Family Medicine
Division and Fellowship Director
Head Team Physician, OSU Athletics

Steve Graef, PhD

Clinical Assistant Professor of Family Medicine
Psychologist, OSU Athletics

Clinton Hartz, MD

Assistant Professor of Clinical Family Medicine
Team Physician, OSU Athletics

Nicole Kornder, MD

Clinical Assistant Professor of Family Medicine

Kendra McCamey, MD

Assistant Professor of Clinical Family Medicine
Assistant Fellowship Director
Team Physician, OSU Athletics

Ray Pongonis, DO

Clinical Assistant Professor of Family Medicine
Team Physician, OSU Athletics

Bryant Walrod, MD

Assistant Professor of Clinical Family Medicine
Assistant Fellowship Director
Team Physician, OSU Athletics

Fellows

Paul Krebs, MD

Larry Nolan, DO

INTEGRATIVE MEDICINE DIVISION



N. Anton Borja, DO

Under the leadership of Dr. N. Anton Borja, Division Director, the 2017-18 year has seen continued growth at Ohio State Integrative Medicine. There has been concerted effort by faculty and staff to expand outreach at multiple events throughout The Ohio State University and Columbus to increase awareness of clinical services. The current national opioid epidemic has also created a unique position for Ohio State Integrative Medicine. More physicians and clinicians are referring patients for non-pharmacological treatments for pain. This includes a significant increase in referrals from the Veterans Administration to treat veterans and soldiers with Acupuncture, Chiropractic Medicine, Osteopathic Manipulative Medicine and Therapeutic Massage. All of these factors have led to a 38% increase of patient visits, totaling 14,060 visits for FY2018.

Clinical Services

Ohio State Integrative Medicine offers a patient-centered, multidisciplinary team approach to health care. Clinical services offered include Acupuncture, Ayurvedic Medicine, Chiropractic Medicine, Integrative Oncology, Integrative Medicine, Mind & Body Medicine, Nutrition/Dietary Services, Osteopathic Manipulative Medicine and Therapeutic Massage. A wide variety of classes including Yoga and Meditation are offered. Clinical care is offered in both outpatient and inpatient environments. All services are offered at the Integrative Medicine clinic on Kenny Road while some individual services are offered at other clinics throughout OSU. Select Integrative Medicine services are also available throughout OSU Hospitals, including Brain and Spine, James Cancer, Ross Heart, and University Hospital.

Acupuncture: Visits for Acupuncture have continued to grow. The past year saw an increase of 483 visits for a total of 3,444 Acupuncture visits. The demand for Acupuncture has been partially led by referrals from the Veterans Administration and the medical community for non-pharmacological treatments for pain.

Chiropractic Medicine: Dr. John Grandominico continues to offer Chiropractic Medicine at the Kenny Road clinic. Demand has grown this past year by 425 visits, totaling 2,429 Chiropractic visits. Increased referrals for non-pharmacological treatments have also helped drive the demand.

Therapeutic Massage: Therapeutic Massage remains a popular service offered by Ohio State Integrative Medicine. Services have expanded this past year across the OSU Wexner Medical Center and are now offered at Brain and Spine Hospital, Dodd Hall, Women & Infants, Ross Heart and The James Cancer Hospital. Therapeutic Massage will soon be offered at the Med-Surgery floor in late 2018. Additionally, outpatient massage continues at the Kenny Road clinic as well as at Jameson Crane Sports Medicine Institute.

Nutrition Services: Lori Chong, Registered Dietitian, continues to see patients at the Kenny Road clinic and provides comprehensive dietary and nutrition advice. The past year has also included the addition of Community Nutrition classes. These classes specifically focused on educating patients on certain types of diets including: the Mediterranean diet, low FODMAPs diet and Anti-Inflammatory diet.

Integrative Medicine Providers

Acupuncture

Antron Borja, DO
Renee Miranda, MD
David Wang, R.Ac, Dipl. C.H.
Hailing Zang, R.Ac., Dipl. Ac

Ayurveda

Hari Sharma, MD, DABIHM, FACN

Chiropractic

John Grandominico, DC DACRB

Nutrition

Lori Chong, RD

Integrative Physicians

Anton Borja, DO
Mariann Giles, MD
Renee Miranda, MD
Leah Welsh, DO

Massage Therapy

Ted Blubagh, LMT
Trevor Bradley, LMT
Rhonda Crockett, LMT
Stephanie Mabry, LMT
Michele Mack, LMT
Caitlin Merriman, LMT
Katie Summerford, LMT
Elaine Weiss, LMT
Arkenia Miles-White, LMT

Mind-Body Therapies

Lisa Wahoff, CNS
Hari Sharma, MD DABIHM, FACN

INTEGRATIVE MEDICINE DIVISION

Community Engagement

Community engagement continues to be a core value at Ohio State Integrative Medicine. Developing Community Programming that complements individuals' health and wellness care and offering classes for both physical and mind-body health are a major focus. Due to a growing interest in Gentle Hatha, Beginner and Level One Yoga, Therapeutic Self-Massage, Tai Chi for Health and Nutrition, these classes have been added to our Community offerings. We also offer Mind-Body classes which include Mindfulness in Motion and Spontaneous Meditation.

Training courses for health care professionals include Reiki and Urban Zen Integrative Therapy.



Educational Activities

Growing the next generation of clinicians in Integrative medicine is of major importance as an Academic Medical Center and for future expansion of Integrative Medicine to the community. With this in mind, multiple educational activities are offered at Ohio State Integrative Medicine. Diane Habash, PhD, is Director of Education for Ohio State Integrative Medicine. Together with other faculty and staff, Dr. Habash facilitates the following educational activities:

Advanced Competency in Integrative Medicine: Approximately ten 4th year medical students per year participate in this 150-hour multi-tiered training. The primary goal of the Advanced Competency is to expose students to the diverse fields and practitioners at Ohio State Integrative Medicine. The program offers significant didactic and hands-on training and projects but also insists upon experiential learning dedicated to evidence-based therapies and to understanding and planning for their own optimal self-care.

Culinary Medicine: Approximately twenty 1st and 2nd year medical students participate in the 8-module series of culinary classes which include didactic, case study, and hands-on culinary lessons per module. The training is run through a local nonprofit culinary organization, Local Matters.

Elective Rotations: A one month-long elective rotation at the Kenny Road clinic remains popular among OSU College of Medicine 3rd and 4th year students and with Resident Physicians throughout different medical specialties at OSU. Interest has also been growing among Nurse Practitioner students at the OSU College of Nursing.

Research Activities

Research at Integrative Medicine has continued with the BraveNet PRIMIER Collaborative Study. Total patient recruitment at OSU was 130 participants, with a total national recruitment of over 5000 participants. Follow up with participants is ongoing and will continue through 2019. The PRIMIER study will compare the impact of various integrative therapies on patient reported clinical outcomes.

Future of Integrative Medicine

Ohio State Integrative Medicine is poised for continued growth. Patients seek a comprehensive, holistic and personalized approach to health uniquely offered by Integrative Medicine. Maybe more importantly, the current Opioid epidemic affecting our country and the devastation this has caused to many of our local communities, has created a social imperative to use non-pharmacological alternatives in the treatment of pain. Ohio State Integrative Medicine offers these evidence-based treatments.

Hospital-based Integrative Medicine services at OSU Wexner Medical Center are also growing. With expansion of Therapeutic Massage throughout the hospital system and plans for the reintroduction of Integrative Oncology and Acupuncture services at the James Hospital, there will continue to be an increase in patient demand.

Education and research remains an important part of the academic mission of Ohio State Integrative Medicine. Vibrant educational opportunities are accessible to OSU students interested in Integrative Medicine. Learning opportunities for patients and the community are expanding. Finally, new collaborative research opportunities with other departments and specialties are being created. This research will provide the evidence necessary to support the use of Integrative Medicine for various medical conditions.

RESEARCH AND SCHOLARSHIP

During the 2017-2018 year, the faculty in the department continued to be active with regards to obtaining extramural funding. While we have a small number of faculty involved in research, they have been successful in obtaining funding for and completing collaborative research projects.



Randy Wexler, MD, MPH

Randy Wexler, MD continues to serve as Co-Investigator on the grant titled: *Urine Antimicrobial Proteins in Older Adults: Aging, Infection and Innate Immunity*. The four-year \$1,861,606 grant is funded by the National Institute of Aging. The grant goal is to identify the role that urinary antimicrobial peptides play in diagnosing UTI in older adults. This has both clinical as well as policy implications. Clinically, if we are able to identify patients as high risk, we can intervene quickly with respect to potential urinary tract infections and reduce the risk of sepsis. From a policy standpoint, this will help to inform how basic science can be used to provide value-based care and achieve the goal of improving care while reducing cost.

Dr. Randy Wexler has also served as the Ohio State site PI for the *Ohio Cardiovascular Disease Best Practices Network* grant. Drs. Anton Borja and Kristen Rundell serve as project faculty. This collaborative grant was funded initially for one year in July 2017 with the second year of funding approved for 2018. The purpose of this grant is to establish a sustained wide collaborative comprised of all Academic Medical Centers for the promotion of improved cardiovascular health in general, and high blood pressure in particular. This entity, called CARDI-OH will serve as the central repository for cardiovascular related materials. In addition, CARDI-OH will focus significant time on improving the cardiovascular care for patients on Medicaid.

The National Institute on Minority Health and Health Disparities awarded a 5-year grant of \$2,267,628 for research in *Translational Candidate-Gene Studies of Simvastatin-Induced Myopathy in African Americans* in September 2017. Leon McDougale, MD, MPH, is a Co-Investigator on this project. The primary goal of the project is to investigate genetic variation in a prominent metabolizing enzyme in order to improve medicine and dose selection strategies for improved pharmacotherapy outcomes in African American patients.



Leon McDougale, MD, MPH

Dr. Leon McDougale continued to serve as Co-Investigator on the National Institute of Medical Science grant, *Core: Ohio State University Discovery Prep for Biomedical Research*. The five-year, \$873,030 grant aims to accept 5 underrepresented students each year into a one year research intensive post baccalaureate to increase the diversity of PhD and MD/PhD biomedical scientists.

The OSU Department of Family Medicine was awarded a five-year, \$2.5 million grant from The Health Resources and Services Administration HRSA on 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 Mary Jo Welker, MD, this year. This is a collaborative grant 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. This grant is comprised of 4 objectives and spans all four years of medical school training and extends into residency training. In 2017, the grant was awarded supplemental funding in the amount of \$78,998 to address the opioid epidemic. This funding lead to the creation of 14 Opioid Use Disorder modules.



Maryanna Klatt, PhD

In collaboration with West Virginia University, Maryanna Klatt, PhD serves as OSU PI on the grant titled, *Yoga for Restless Legs Syndrome, a Common and Burdensome Sleep Disorder*. The grant is funded by the National Center for Complementary and Integrative Health.

RESEARCH AND SCHOLARSHIP



Ann McAlearney, ScD

This year, our faculty established the Center for the Advancement of Team Science, Analytics and Systems Thinking (CATALYST) in Health Services and Implementation Science Research, as a formal Center in the College of Medicine. CATALYST is led by Executive Director Ann McAlearney, ScD, formerly the Vice Chair for Research in the Department. Additionally, Timothy Huerta, PhD, Cynthia Sieck, PhD, Jennifer Hefner, PhD and Daniel Walker, PhD along with all the health services research staff, joined the Center from the Department. CATALYST is focused on advancing research and discovery at Ohio State in the delivery of health services across the continuum of care using a team science approach. CATALYST is focused on providing a well-recognized hub for health services and implementation science research efforts within the College. Through CATALYST, our faculty members continue to serve critical roles across 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*.



The Health Services Research Team advances the stature and visibility of Primary Care, health services and outcomes research at OSU. This year we are leading health services research projects representing over \$10 million in grants and contracts, and we have an additional \$15 million in grants under review. We have had over 28 peer-reviewed articles, books or book chapters published or in press, with another 22 articles under review.

Projects of the Health Services Research Team:

Total Engagement and Activation Measure (TEAM): Developing a Measure of Capacity for Patients to Engage in their Health Care: Dr. Sieck is PI, Drs. McAlearney, Huerta, Hefner are Co-Is for this project funded by the National Institutes of Health that aims to develop a validated tool for measuring patient engagement. In doing so, the project will give institutions, providers, insurers and researchers the ability to determine who is engaged in their care and help develop programs and interventions to improve engagement and activation.

Infant Mortality Research Partnership, Phase 2 (IMRP2): Dr. Huerta is Co-I for this project funded by the Ohio Department of Medicaid that is an effort to develop and evaluate statistical models predicting infant mortality and preterm birth, incorporate those models into a point-of-care tool for OB/GYN physicians, and evaluate the usability of the tool.

RESEARCH AND SCHOLARSHIP

Ohio Equity Institute (OEI) Evaluation: Dr. Huerta is PI and Drs. McAlearney, Sieck, Hefner, and Walker are Co-Is for this project funded by the Ohio Department of Medicaid/Government Resource Center designed to examine the extent to which programs such as Centering Pregnancy, Home Visiting and Community Health Workers serve high-risk, Medicaid-enrolled pregnant women, and to assess the effect of the interventions on health care use and birth outcomes.

Searching for Management Approaches to Reduce HAI Transmission (SMART): Dr. McAlearney is PI and Drs. Huerta, Sieck, Hefner, and Walker are Co-Is 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 and Drs. Huerta and Walker are Co-Is 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 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 and Drs. Huerta, Sieck, Hefner, and Walker are Co-Is 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): Dr. McAlearney is Project Director, Dr. Huerta is Co-Director, and Drs. Sieck, Hefner, and Walker are Co-Is of a Learning Laboratory led by Dr. Susan Moffatt-Bruce, Administrator of University Hospitals, 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, Hefner, and Walker are Co-Is 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 of 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, working closely with PCORI to assess and organize their funded research portfolio.

MEDICAL STUDENT EDUCATION

The Department of Family Medicine faculty continue to be very busy in the education of medical students for the OSU College of Medicine. Our medical student education mission is led by Kristen Rundell, MD, Vice Chair for Education and Co-Directors, Holly Cronau, MD and Allison Macerollo, MD. Additionally, we have education leads at our family medicine clinics who help to lead the medical student education at the practice level. The education leads in 2017-2018 were Veronique Bartman, MD, Matthew Farrell, MD, Allison Macerollo, MD, Rachael McGuirk, MD, Anita Ndife, MD, Eunice Oppenheim-Knudsen, MD and Kristen Rundell, MD. While all of our faculty participate in the education of medical students during their clinical rotations, we have a lot of faculty who are also involved in teaching and leading medical student education at the college level. Drs. Michael Alexander, Riza Conroy, Holly Cronau, Matthew Farrell, Allison Macerollo, Janet Mason, Eunice Oppenheim-Knudsen, Rachael McGuirk, Kristen Rundell and Angela Tucker, all hold medical student education appointments in the college of medicine.

Primary Care Track

The Primary Care Track started in the summer of 2017 and is led by Drs. Allison Macerollo and Kristen Rundell. This new medical school program offers students, who are planning a career in family medicine, an opportunity to complete their medical school studies on an accelerated pathway that covers three years and culminates into the Family Medicine Residency program. Allison Porter and Amara Decker successfully completed their first year including a summer of Host Defense and will take USMLE step 1 by the end of the year. We will welcome our new cohort of PCT students Hannah Gerdes and Ryan Poland in July 2018. The PCT curriculum is augmented with additional longitudinal clinical time and required objectives called Ambulatory Clinical Experiences. This year the students were based at Rardin Family Medicine with Sondos Al Sad, MD and Janice Westphal, MD serving as preceptors. The new students will be at Carepoint East Family Medicine and their preceptors will be Dr. Faraz Ahmed and Dr. Melissa Davis. The program will be expanded and will accept four students for the summer of 2019.

Part 1

Part 1 of the OSU Lead Serve Inspire curriculum comprises the first 18 months of medical school and ends with board preparation and the USMLE step 1 exam. The Longitudinal Group and Longitudinal Practice programs span the entire 18 months and are comprised of weekly small group sessions and twice monthly complementary ambulatory experiences. Each student has a portfolio coach for the duration of their medical school experience. These coaches guide them through their medical school experience and advise them on their final portfolio presentation. The following Family Medicine department members participate as Longitudinal Ambulatory Preceptors, Longitudinal Group Leaders, Portfolio Coaches or Learning Community leaders. We even have some department members who are student tutors.

Part 2 Patients Within Populations - PWP

All 3rd-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. The first

College of Medicine Medical Student Curriculum Roles

Michael Alexander, MD

Longitudinal Group Expert Educator, Part 1

Riza Conroy, MD

Portfolio Coach

Holly Cronau, MD

Co-Director, Family Medicine Clinical Track
Expert Educator, Part 2
Longitudinal Group Facilitator, Part 2
Portfolio Coach

Matthew Farrell, MD

Unit Director, Understanding Patients in
Populations, Part 2
Portfolio Coach

Allison Macerollo, MD

Co-Director, Primary Care Track
Director of Integration, Understanding
Patients in Populations, Part 2
Portfolio Coach

Janet Mason, MD

Longitudinal Group Facilitator, Part 1

Eunice Oppenheim-Knudsen, MD

Longitudinal Group Facilitator, Part 1

Rachael McGuirk, MD

Longitudinal Group Facilitator, Part 2

Kristen Rundell, MD

Associate Director, Part 3
Co-Director, Family Medicine Clinical Track
Co-Director, Primary Care Track
Director, Longitudinal Practice, Part 1

Angela Tucker, MD

Longitudinal Group Facilitator, Part 1
Longitudinal Group Facilitator, Part 2
Portfolio Coach

MEDICAL STUDENT EDUCATION

week includes workshops on eye exams as well as joint exam and injections, interactive didactics, small group experiences, and a patient experience workshop with patients with disabilities. The students then complete 14 weeks of clinical experiences within family medicine, pediatrics and various electives. The final week consists of assessments including: specialty shelf examinations, an Objective Structured Clinical Examination (OSCE), and 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 the development of content and students who require academic support. Small Group facilitation leaders from our department were: Drs. Cronau, Farrell, McGuirk and Tucker. 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.

Part 3 Advanced Clinical Skills Course

This fourth year elective was introduced 3 years ago and recently enhanced to be an intern prep course. It will be required for all students who are interested in Family Medicine starting spring of 2019. The spring of 2018 course included discussions on Social Determinants of Health, Leadership Training, Psychology updates, Safety and Quality. Common Family Medicine diagnosis topics in dermatology, cardiology, care of the newborn, allergy and immunology were presented. Workshops in joint injections, gynecology and suturing were offered as well as time spent discussing the importance of mindfulness, journaling and networking. There was a capstone OSCEs simulating a night on call. Several residents gave presentations on how to be successful as an intern that were considered the highlights of the month.

Career Exposure, Exploration and Counseling

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.

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.



2017 Summer Externship Students with Dr. Macerollo

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 2018 to be one of 10 medical schools nationwide 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 Part 1 a faculty member is selected to speak about a clinical topic related to one of 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.

MEDICAL STUDENT EDUCATION

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 all highlighting different aspects of primary care. At least one session is a panel of primary care providers.



Career Exploration

Each department in the College of Medicine is tasked to provide information and experiences about their specialty during set times of Part 1. Dr. Allison Macerollo provides a one hour lecture to all first year students in October of Med 1. Dr. Macerollo also leads eight hour workshops twice per year highlighting the breadth of family medicine through outside speakers and hands on workshops. Each workshop is attended by 20 medical students.

Career Counseling

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. A July meeting is set to ensure that students are clear about what to expect at the AAFP Conference, and direction in writing an excellent personal statement. The last event of the year is September with local programs 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 techniques.



RESIDENCY EDUCATION



W. Fred Miser, MD

We enjoyed another exceptional year as the program continues to strive toward excellence in educating family medicine residents. The success of the program comes from the support of the Department and the outstanding efforts of the residency faculty, staff, and residents who strive toward enhancing the culture and learning environment of the program.

We have exceptional administrative support – a dynamic duo! Ms. Laura Thompson, MA continues to be a solid source of support for the program, the program director, the faculty and residents, while Ms. Whitney Brumley, MS provides outstanding administrative support. We are also blessed to have a stable and strong group of faculty

who devote themselves to providing the highest degree of education and mentorship. We continue to maintain a stable and superb complement of family medicine faculty. We welcomed three new faculty members: Faraz Ahmad, MD as a core faculty member, Leah Welsh, DO who will oversee our osteopathic education, and Mark Rastetter, MD, who will lead our urban track and will assume the lead physician role at our Care Point East Family Practice.

Faculty Development Series

Dr. Fred Miser led a quarterly faculty development series for the faculty. Issues addressed included understanding each other's strengths, temperament and motivation, approaching the resident in difficulty, teaching the millennial, "flip the classroom" technique of teaching, milestones, and our clinic first initiative. The final meeting in June 2018 involved an in-depth review and annual program evaluation.

New Curricular Initiatives

Each year we continue to "tweak" our curriculum to ensure our residents receive the best educational opportunities. This year, Bethany Panchal, MD has become our "champion" in teaching point-of-care ultrasound. She is working with Dr. David Bahner of emergency medicine and several of our residents to develop a curriculum and to train our faculty and residents. Additionally, we were one of 18 family medicine residency programs nationally to receive a grant to become part of a collaborative to transform our residency practices for the future as part of the clinic first initiative. Dr. Jan Westphal, Dr. Fred Miser, and Ms. Thompson attended the kick-off meeting in Kansas City in January 2018. Areas of emphasis include 1) developing consistent resident schedules to prioritize continuity and eliminate inpatient/outpatient tension, 2) forming a small core of clinic faculty, 3) creating operationally excellent practices, 4) building cohesive and stable clinic teams, 5) increasing resident time in the office to enhance learning and access, and 6) engaging residents as co-leaders of transformation.

Resident Recruitment

Resident recruitment remains a top priority for our program. Ms. Laura Thompson and Dr. Fred Miser coordinated the recruitment experience for applicants, providing a personalized approach. Drs. Jordan

Residency Program Administration

Residency Director

Fred Miser, MD, MA

Vice Chair of Education

Kristen Rundell, MD

Associate Residency Director

Mark Rastetter, MD – Urban track

John McConaghy, MD – Univ. Track

Assistant Residency Directors

Bill Buoni, MD (Process Improvement)

Don Mack, MD (Care of The Elderly)

Bethany Panchal, MD (Women's Health)

Janice Westphal, MD (Practice Management)

Director– Inpatient Service

John McConaghy, MD

Behavioral Medicine

Laurie Greco, PhD

Joan Simon, PhD

Chief Resident

Brian Rue, MD

Assistant-Chief Residents

Aloiya Earl, MD

Jordan Hilgefert MD

Residency Program Coordinator

Laura Thompson, BA, MA

Residency Office Associate

Whitney Brumley, MS

Rardin FMC Office Manager

Troy Scherer, MBA

Rardin FMC Lead Physician

Jan Westphal, MD

CarePoint East FMC Office Manager

Mary Elswick, BA

CarePoint East FMC Lead Physician

Mark Rastetter, MD

RESIDENCY EDUCATION

Hilgefert 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 724 applicants for our nine positions. Between November 2017 and January 2018, we interviewed 72 applicants. Recruitment season ended on February 3, 2018 with a Second Look “Weird Sweater” 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 2021 in June.



University Track

Brad Christoph, DO – Campbell School of Osteopathic Medicine, NC
Pat Dyer, MD – University of Toledo, OH
Amythest Gauthier, MD – NEOMED, OH
Katie Kessler, MD – The Ohio State University COM
Dan Krajcik, DO – Ohio University College of Osteopathic Medicine
Shreya Reddy, MD – NEOMED, OH
Malvika Sharma, MD – Wright State, OH

Urban Track

Mickey Nguyen, MD – Ross University
Sara Scott, MD – University of Michigan

Residency Activities

We had several activities through the year to promote wellness within our program. The residents continue to compete in a volleyball league and meet informally for a night of trivia. On August 16, 2017 residents, faculty, staff and select medical students enjoyed a night out at a Columbus Clippers baseball game. We held our two annual retreats: 1) Fall (August 30) – a time in which all of the staff, residents and faculty from both of our practice sites got together to focus on our triple mission of education, patient care and scholarship and to participate in a fun scavenger hunt on the university campus, and 2) Winter (March 7) – an overnight stay in a large cabin in Hocking Hills; in addition to fun and games, Dr. Scott Graham led an exercise on leadership. Our annual picnic at Dr. Miser’s home on June 24th welcomed the incoming first-year residents.



Annual Department Affiliation Conference

On October 18, 2017, the five Central Ohio family medicine residency programs met at the Longaberger Alumni House for lunch, followed by a presentation by our keynote speaker Mr. Jay Fetter from the AAFP’s Division of Education. His presentation, “*Flip the Clinic: Open Experiments and Care Models – Provocations from a Primary Care Nerd*” challenged us to rethink the way we provide care in our practices.

Annual ABFM In-Training Examination

Our residents continue to do well on this national October examination: 1st-year class mean 432 (national mean 393), 2nd-year class mean 478 (national mean 447), and 3rd-year class mean 519 (national mean 480). 100% of our graduating residents successfully passed the American Board of Family Medicine Certification Examination.

Academic Residency Track

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

Resident Graduation

On June 16, 2018 we celebrated the accomplishments of our graduating residents at a wonderful dinner at La Scala. Dr. Bill Buoni provided words of wisdom to our departing residents.

Natalie Baer, MD – Private Practice, Brighton, MI

Aloiya Earl, MD – Sports Medicine Fellowship, University of Alabama

Dan Fosselman, DO – Sports Medicine Fellowship, University of Cincinnati

Jocelyn Morin, MD – Private Practice, Cazenovia, NY

Eric Questel, DO – OSU Outpatient Care at Gahanna, Gahanna, OH

Brian Rue, MD - Sports Medicine Fellowship, University of Cincinnati

Jamie Robinson, MD – OSU Family Medicine at Worthington, Worthington, OH

Sophia Tolliver, MD – OSU CarePoint East FPC, Columbus, OH

Linda Williams, MD – OhioHealth Primary Care, Columbus, OH



Scholarly Activities

Scholarship is vital for the academic environment of our Program. To assist in our scholarly endeavors this year, Drs. Jennifer Hefner, Cindy Sieck, and Dan Walker worked closely with our residents and faculty on their projects. Our 19th annual Resident Scholarly Activity Symposium was held on May 9, 2018. Graduating residents presented the following:

Presentations:

- Sam Jacobowitz MD, Melissa Davis MD, Jennifer Hefner, PhD: *Perspectives of an Addiction Consult Service*
- Hiten Patel MD, Guliz Erdem MD, W. Garrett Hunt MD: *Why the Fever? Workup of Fever of Unknown Origin, with an Infrequent Etiology.*
- Andrew Davis MD, David Ringel MD, Selim Sheikh DO: *Osmotic demyelination syndrome following cautious correction of hyponatremia in an alcoholic patient.*
- Tyler E. Adamson, DO: *Case of Typhoid Fever Complicated by Rhabdomyolysis, Case Report and Summary of the Disease Process*
- Christen Johnson, MD, MPH, Natalie Baer, MD, Linda Williams, MD, Melissa Davis, MD: *The Calm Before the Storm – The Diagnosis and Management of Cerebral Hyperfusion Syndrome*
- Aloiya Earl, MD, Jennifer Hefner, PhD: *The Return-to-play Experience of College-aged Athletes: A Qualitative Study of Performance Barriers*
- Dan Fosselman, DO, Fred Miser, MD, Elisabeth Nogan, MD: *Exercise as Medicine*
- Jocelyn Morin, MD, Bethany Panchal, MD: *Zofran Prescribing Patterns*
- Eric Questel, DO, Jennifer Hefner, PhD and Kristen Rundell, MD: *PrEP and OSU Family Medicine*

RESIDENCY EDUCATION

Presentations Continued:

- Jamie Robinson, MD, Buoni, MD: *Resident Led Immigration Clinic in an Academic Medical Center*
- Brian Rue, MD, Michael Johansen, MD: *Completion and Publication Rates of Registered Sports Medicine and Orthopedic Trials*
- Sophia Tolliver, MD, Jennifer Hefner, PhD and Faraz Ahmad, MD: *Assessment of Clinician Knowledge, Attitudes, and Beliefs Regarding Hair Care/Maintenance as a Barrier to Increased Physical Activity in African American Women*
- Natalie Baer, MD, Linda Williams, MD, Melissa Davis, MD: *Screening for Type 2 Diabetes in Overweight and Obese Children at Rardin and CarePoint East Family Medicine*

2017-2018 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 Hilgefert as Assistant Chief Residents.

First -Year Residents



Brian Rue, MD



Aloiya Earl, MD



Jordan Hilgefert, MD



David Ringel, MD, Andy Davis, MD, Naketa Thomas, MD, Tyler Adamson, MD, Barbara Barash, MD, Hiten Patel, MD, Ben Swartz, MD

Second-Year Residents



Matthew Knapke, MD, Nicole Umanoff, MD, Selim Sheikh, DO, Anshuli Gupta, MD, Jeffrey Schord, MD, Chelsea Fu, MD, Jordan Hilgefert, MD, Megan Krallman, DO, Sam Jacobowitz, MD

Third-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

CLINICAL INFORMATICS FELLOWSHIP

Clinical Informatics Program

The 2017-2018 academic year was a great start to the Clinical Informatics Program. Thanks to the department's already robust residency and fellowship programs, Clinical Informatics finished its transition to its new home in Family Medicine after being conceived and organized by Dr. Peter Embi under Internal Medicine. Now the joint program between The Ohio State University Wexner Medical Center and Nationwide Children's Hospital is a fully ACGME-accredited, two-year program designed to train the next generation of clinical informaticists and healthcare informatics leaders.

In July 2017, we welcomed our first class of two fellows – Dr. Cory Hussain and Dr. Nasser Aljehani. There is no single skill set we seek in our trainees since clinical informatics is a large area, and the discipline is integrated into all aspects of the health care system. Our fellows may have completed any ACGME-accredited residency and be board-eligible or board-certified in a primary care specialty. The program is ACGME-accredited for four fellows, two per year, and completed the initial accreditation site-visit by the ACGME in February 2018. The faculty and fellows both look forward to continuing to grow this fellowship in the coming years and to continue to be a leader in Clinical Informatics.

Fellows

Cory Hussain, MBBS - Dr. Cory Hussain received his medical degree from Aga Khan University Medical School in Pakistan and went on to complete his residency in internal medicine at the University of Wisconsin program at Aurora Sinai Medical Center in Milwaukee, Wisconsin. Dr. Hussain worked as a hospital physician for more than a decade before completing a fellowship in infectious diseases at The Ohio State University Wexner Medical Center, and went on to join the Division of Infectious Diseases as an attending physician and assistant professor.

He subsequently decided to return to fellowship to pursue a career in Clinical Informatics with an desire to combine his infectious disease interests of clostridium difficile infection, probiotics, antibiotic stewardship, and multidrug resistant bacterial infections with his love of information technology and information-driven solutions.

Nasser Aljehani, MBBS - Dr. Nasser Aljehani received his medical degree from King Saud University College of Medicine in Saudi Arabia and completed his residency in family medicine at Texas Tech University Health Sciences Center in Amarillo, Texas. In his final year of residency, Dr. Aljehani also served as a chief resident, working closely with the CMIO on projects related to patient safety, quality improvement and user training.

Prior to residency, Dr. Aljehani completed a post-doctoral fellowship in quality improvement and patient safety at the Baylor College of Medicine in Houston, Texas. His goal in pursuing a career in Clinical Informatics is leveraging clinical decision support and communication systems to help deliver quality patient care and minimize medical errors.



Jeffrey Hoffman, MD



Milisa Rizer, MD, MPH

Faculty

Jeffrey Hoffman, MD

Fellowship Director

Milisa Rizer, MD, MPH

Assistant Director and OSU Site Director

Aarti Chandawarkar, MD

Associate Program Director, Nationwide Children's Hospital

Kathryn Nuss, MD

Site Director and Associate Program Director, Nationwide Children's Hospital

Courtney Hebert, MD

Associate Program Director, OSUWMC

Laura Rust, MD, MPH

Associate Program Director, Nationwide Children's Hospital

PSYCHOLOGY FELLOWSHIP PROGRAMS

Psychology Fellowship Program

In 2017-2018 the Department piloted a one-year Psychology Fellowship Training Program. We had two fellows, Nicole Hollingshead, PhD and Risa Long, PhD, who provided outpatient behavioral health services to patients at our Rardin, CarePoint East, and Upper Arlington sites. In addition to providing traditional mental health services, psychology fellows were trained alongside family medicine residents in the Primary Care Behavioral Health (PCBH) integration model. As part of their PCBH training, fellows were embedded in clinic and provided behavioral health services as part of the primary care treatment team.

In clinic, psychology fellows remained accessible to family medicine providers and resident physicians for curbside consultation, warm hand-offs, and same-day services that included: targeted assessments, brief interventions, risk screening/safety planning, and assistance with referrals and care coordination. Psychology fellows also participated in team-based care as part of the Rardin Immigrant-Refugee Health Clinic, where they worked with family medicine residents to provide more comprehensive care to an underserved refugee population.

As part of her fellowship training, Dr. Hollingshead also participated in two interdisciplinary programs supervised by Dr. Laurie Greco: the Chronic Pain Rehabilitation Program and the Health & Wellness Program.

Dr. Joan Simon supervised Psychology Post-Doctoral Fellow, Risa Long, PhD, at CarePoint East. Dr. Long was previously a Psychology Practicum student under Dr. Simon's supervision, completed her psychology internship at Duke University, and subsequently has joined the faculty in the Department of Medicine at CarePoint East.



Laurie Greco, PhD



Joan Simon, PhD



Nicole Hollingshead, PhD



Risa Long, PhD

Department Faculty

Assistant Professor:

Cynthia Sieck, PhD
Jennifer Hefner, PhD
Daniel Walker, PhD

Associate Professor:

Timothy Huerta, PhD
Randy Wexler, MD

Professor:

Ann McAlearney, ScD
Leon McDougle, MD
W. Fred Miser, MD

Assistant Professor-Clinical:

Michael Alexander, MD
Anton Borja, DO
Stephanie Cook, DO
Matthew Farrell, MD
Laurie Greco, PhD
Clinton Hartz, MD
Allison Macerollo, MD
Kendra McCamey, MD
Eunice Oppenheim-Knudsen, MD
Ernesto Ortiz-Cruzado, MD
Rupal Oza, MD
Bethany Panchal, MD
Mark Rastetter, 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
Kristen Rundell, MD

Professor-Clinical:

Maryanna Klatt, PhD
John McConaghy, MD
Milisa Rizer, MD
Mary Jo Welker, MD

Clinical Assistant Professor:

Faraz Ahmad, MD
Sondos Al Sad, MD
Ibrahim Ali, MD
Veronique Bartman, MD
Anoosheh Behrooz, MD
Robin Berner, MD
Gordon Brown, MD
Whitney Christian, MD
Riza Conroy, MD
Melissa Davis, MD
Juliet French-Vallabh, MD
Mariann Giles, MD
Karyn Governale, MD
Stephen Graef, PhD
Scott Graham, PhD
Balpreet Jammu, MD

David Kageorge, MD
Andrew Keaster, MD
Paul Kirk, MD
Nicole Kornder, MD
Rachael McGuirk, MD
Yu-Ting Lozanski, MD
Janet Mason, MD
Renee Miranda, MD
Shalina Nair, MD
Anita Ndife, MD
Mohammedreza Niktash, MD
Elisabeth Nogan, MD
Scott Olenick, PhD
Sandra Palmer, DO
Benita Petri-Pickstone, MD
Raymond Pongonis, DO
Raymond Quon, MD
Kirti Shanker, MD
Bushra Siddiqi, MD
Harkiran Singh, MD
Joan Simon, PhD
Angela Tucker, MD
Leah Welsh, DO
Maria Williams- Alexander, PsyD

Clinical Associate Professor:

Diane Habash, PhD

Clinical Professor:

Robert Crane, MD

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:

Zainab Al-Obosi, MD
Edith Chang, MD
Mimi Ghosh, MD
John Grandominico, DC

Michelle Khoury, DO

Trevor Kitchin, 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

Hailing Zhang, RAc

Clinical Instructor:

Cheryl Bourne, CNP

Faculty Emeritus:

Glenn Aukerman, MD

Patrick Fahey, MD

Lawrence Gabel, PhD

Linda Stone, MD

Wilburn Weddington, MD

FACULTY ACCOMPLISHMENTS

Peer Reviewed Publications

Abel E, Rozycki E, Gewirtz A, Mangino J, **McConaghy JR**. Urinary Tract Infection (UTI) in Adult Patients: Diagnosis and Management. The Ohio State University Wexner Medical Center Evidence-based Guidelines ©. April 16, 2018.

Ahmad, F., Medder, J., Geske, J., Taylor, J., Margalit, R. (2017). Mental Health Problems Due to Community Violence Exposure in a Smaller Urban Setting. *Family Medicine and Community Health*, 5(2).

Brown SR, **Miser WF**: Meeting scholarly activity requirements in a family medicine residency Program. *Ann Fam Med* 2017 September/October; 15(5): 487-88.

Apathy N, Menser T, Keeran LM, Ford EW, Harle C, **Huerta TR**. 2018. "Trends and gaps in awareness of direct-to-consumer genetic tests from 2007-2014." *American Journal of Preventive Medicine*. June 2018; 54 (6):806-13. <https://doi.org/10.1016/j.amepre.2018.02.013>

Bae J, Ford EW, Wu S, **Huerta TR**. 2017. "Electronic Reminder's Role in Promoting Human Papillomavirus Vaccine Use." *American Journal of Managed Care*. 2017 Nov; 23(11):e353-e359.

Bickell NA, Lin JJ, Abramson SR, Hoke GP, **McAlearney AS**. 2018. "Racial Disparities in Clinically Significant Prostate Cancer: The Potential Health Information Technology Offers." *Journal of Oncology Practice*. JOP.2017.025957: e22-e33. (epub ahead of Press)

Bickell NA, Shah A, Castaldi M, Lewis T, Sickles A, Arora S, Clark K, Kemeny M, Srinivasan A, Fei K, Franco R, Parides M, Pappas P, **McAlearney AS**. 2018. "Caution Ahead: Research Challenges of a Randomized Controlled Trial Implemented to Improve Breast Cancer Treatment at Safety-Net Hospitals?" *Journal of Clinical Oncology*. 14(3): JOP.2017.026534.

Bowyer T, Hiremath L, Larson JR, Grzbowski DM, **McAlearney AS**, Bowyer B. "Individualized, Assessment-Based Manual Therapy to Reduce Chronic Pain and Increase Function: Case Study of a Patient with Fibromyalgia and Diabetes." *Journal of Family Medicine and Disease Prevention*. In press.

Brown SR, **Miser WF**: Meeting scholarly activity requirements in a family medicine residency Program. *Ann Fam Med* 2017 September/October; 15(5): 487-88.

Butwin, A, Evans, K, **Klatt, M**, Sommerich, C. 2017. "Teaching a Series of Mind-Body Techniques to Address the Risk of Work-Related Musculoskeletal Disorders Among Sonography Students: A Pilot Study", *Journal of Diagnostic Medical Sonography*, 33:5, 392-403.

Clark, Aaron, Lisa Mueller, PharmD, Alexa Sevin Valentino, PharmD, Junan Li, PharmD. 2018 *Journal of Primary Care & Community Health*. 'Impact of a Pharmacist-Provided Spirometry Service on Access to Results in Primary Care Setting' .

Ford EW, Bae J, **Huerta TR**. 2018. "Electronic Medical Record Reminders and Smoking Cessation Activities in Primary Care." *Addictive Behaviors*. Feb; Vol 77, 203–9.

Gilbertson, R, **Klatt, M**. 2017. "Mindfulness in Motion" for People with Multiple Sclerosis: A Feasibility Study". *Int J MS Care*. 2017; 19:225-231. <http://ijmsc.org/doi/pdf/10.7224/1537-2073.2015-095>.

Hefner JL, Sieck CJ, Walker D, Huerta TR, McAlearney AS. 2017. "System-wide Inpatient Portal Implementation: Survey of Care Team Perceptions." *JMIR Medical Informatics*.5(3): e31: 1-5.

FACULTY ACCOMPLISHMENTS

Huerta TR, McAlearney AS, Rizer MK. "Introducing a Patient Portal and Electronic Tablets to Inpatient Care." *Annals of Internal Medicine*. Oct 24; 161(11):816-817. DOI: 10.7326/M17-1766.

Kharrazi H, Gonzalez CP, Lowe KB, **Huerta TR**, Ford EW. 2018. "Forecasting the Maturation of Electronic Health Record Functions Among US Hospitals: Retrospective Analysis and Predictive Model." *Journal of Medical Internet Research*. Aug 2018; Vol. 20, No. 8.

Klatt M, Weinhold KD, Taylor CA, **Sieck CJ**, "A Pragmatic Introduction of Mindfulness in a Continuing Education Setting: Exploring Personal Experience, Bridging to Professional Practice." *Journal of Interprofessional Education and Practice*. In press.

Klatt, M., Marchenko, N., Menser, T., Holliday, S. 2018. "Mindfulness in Motion (MIM): A Hospital Intervention that Reduces Burnout and Increases Resilience for Healthcare Providers." *Internal Medicine Review*, 4:4, 1-15.

Klatt, M, Norre, C, Reader, B, Yodice, L, White, S. 2017. "Mindfulness in Motion: A mindfulness-based intervention to reduce stress and enhance quality of sleep in Scandinavian employees". *Mindfulness*, 8:481-488. DOI: 10.1007/s12671-016-0621-x.

Klatt, M. 2017. "A Contemplative Pedagogical Tool: An Exposé of the Performance of Self." *The Journal of Transformative Education*. 15(2):122-136. [10.1177/1541344616683280](https://doi.org/10.1177/1541344616683280)

Leong SL, Cangiarella J, Fancher T, Dodson L, Grochowski C, Harnik V, Hustedde C, Jones B, Kelly C, **Macerollo A**, Reboli AC, Rosenfeld M, **Rundell K**, Thompson T, Whyte R, Pusic M. (2017) Roadmap for creating an accelerated three-year medical education program, *Medical Education* Online, 22:1, DOI: [10.1080/10872981.2017.1396172](https://doi.org/10.1080/10872981.2017.1396172)

Mack, DO. Family Physicians Must Collaborate with Government to Advance Health Care. *Ohio Family Physician*. 70 (2), Summer 2018.

Mack, DO., Single Payer Health Care. *Ohio Family Physician*. 70 (1), Spring 2018.

Mack, DO. ,Nursing Home Care. Core Content Review of Family Medicine, Bloomfield, Connecticut. Summer, 2018.

Mack, DO. , Maintenance of Certification. *Ohio Family Physician*. 69 (4), Winter 2017.

Mack, DO. ,A State Chapter Perspective on Burnout and Resiliency. *Journal of the American Board of Family Medicine*. 31 (1), January-February, 2018.

Mack, DO. , Together We Can Climb Any Hill. *Ohio Family Physician*. 69 (3), Fall 2017.

Maicher, K., **D. Danforth**, A. Price, L. Zimmerman, B. Wilcox, B. Liston, **H. Cronau**, **L. Belknap**, C. Ledford, D. Way, **D. Post**, **A. Macerollo**, **M. Rizer** Developing a Conversational Virtual Standardized Patient to Enable Students to Practice History Taking Skills. *Simulation in Healthcare* 2017; 12(2):124-131.

McConaghy JR, Fosselman D. Hyperhidrosis: Management Options. *Am Fam Physician*. 2018;97(11):729-34

McAlearney AS. 2017. "Experiencing Pregnancy Loss: One Woman's Story of a Common Tragedy." *Journal of Family Medicine and Disease Prevention*. 3(4): 1-3.

FACULTY ACCOMPLISHMENTS

Peer Reviewed Publications

Moffatt-Bruce SD, **Huerta TR**, Gaughan A, **McAlearney AS**. 2018. "IDEA4PS: The Development of a Research-Oriented Learning Healthcare System." *American Journal of Medical Quality*; 1-6. <https://doi.org/10.1177/1062860617751044>

Oza R, MD, Rundell K MD, Garcellano M, DO, Recurrent Ischemic Stroke: Strategies for Prevention *Am Fam Physician*. 2017 Oct 1;96(7):436-440.

Robbins J, **McAlearney AS**. 2018. "How High-Performance Work Practices (HPWPs) Facilitate Speaking Up In Healthcare Organizations." *Health Care Management Review*. In press.

Rundell K, Baher D, Cannon V, **McAlearney AS**. 2018. "Connecting Physician Preceptors with Medical Students in the Ambulatory Setting." *Journal of Family Medicine and Disease Prevention*. In press.

Schmidt CR, **Hefner J, McAlearney AS, Huerta TR**, Graham L, Johnson K, Pawlik TM, Moffatt-Bruce SD, White S. 2018. "Development and Prospective Validation of a Model Estimating Risk of Readmission in Cancer Patients." *Journal of Surgical Oncology*. DOI: 10.1002/jso.24968. (epub ahead of Press)

Sharp K, Williams M, Aldrich A, Bogacz A, Denier S, **McAlearney AS**. 2017. "Conversion of Provider EMR Training from Instructor Led Training (ILT) to eLearning at an Academic Medical Center." *Applied Clinical Informatics*. 8(3): 754-762.

Leong SL, Cangiarella J, Fancher T, Dodson L, Grochowski C, Harnik V, Hustedde C, Jones B, Kelly C, **Macerollo A**, Reboli AC, Rosenfeld M, **Rundell K**, Thompson T, Whyte R, Pusic M. "Roadmap for Creating an Accelerated 3-Year Medical Education Program." *Medical Education Online*- Accepted for publication <http://dx.doi.org/10.1080/10872981.2017.1396172>.

Sieck CJ, Hefner JL, McAlearney AS. 2018. "Improving the Patient Experience through Patient Portals: Insights from Experienced Portal Users." *Patient Experience Journal*. In press.

Sieck CJ, McAlearney AS. 2018. "Integrated Care and eHealth Tools in the US and Europe." *Journal of Hospital Management and Health Policy*. In press.

Swoboda CM, Benedict JA, **McAlearney AS, Huerta TR**. "Effectiveness of an infant mortality prevention home-visiting program on high-risk births in Ohio." *Public Health Nursing*. In press.

Swoboda C, Van Hulle JM, **McAlearney AS, Huerta T**. 2018. "Odds of Talking to Healthcare Providers as the Initial Source of Health Information: Updated Results from the Health Information National Trends Survey (HINTS)." *BMC Family Practice*. In press.

Tarver W, Menser T, Hesse BW, Johnson TJ, Beckjord EB, Ford EW, **Huerta TR**. 2018. "Growth Dynamics of Patient-Provider Internet Communication: Trend Analysis Using the Health Information National Trends Survey (2003 to 2013)." *J Med Internet Res*. 2018; 20(3):e109. DOI: 10.2196/jmir.7851.

Walker DM, Menser TL, Yen PY, **McAlearney AS**. 2018. "Optimizing the User Experience: Identifying Opportunities to Improve Use of an Inpatient Portal." *Applied Clinical Informatics*. 9(1): 105-113.

Walker DM, Mora AM, Hogan T, Diana ML, **McAlearney AS**. Assessing Trends in Hospital System Structures from 2008 to 2015. *Medical Care*. In press.

FACULTY ACCOMPLISHMENTS

Wexler, R., Pleister A, Raman SV. Palpitations: Evaluation in the Primary Care Setting. *Am Fam Physician*. 2017 Dec 15;96(12):784-789.

Yeager VA, Vest J, **Walker DM**, Menachemi N, Diana ML. Challenges facing health information exchange research and evaluation. *eGEMs*. 2017; 5(1):15. DOI: 10.13063/egems.1290

Yen PY, **McAlearney AS**, **Sieck CJ**, **Hefner JL**, **Huerta TR**. 2017. "HIT Adaptation: Refocusing on the Journey to Successful HIT Implementation." *JMIR Medical Informatics*. 5(3); e28: 1-8.

Yen PY, **Walker DM**, Smith JG, Zhou MP, Menser TL, **McAlearney AS**. 2018. "Usability Evaluation of a Commercial Inpatient Portal." *International Journal of Medical Informatics*. 110: 10-18.

Book Chapters

Ahmad, F., Naidu, A., Ahmad, H. (2018). "Hypothyroidism , Adult." *The 5-Minute Clinical Consult 2019. 27th Edition*. Eds. Domino, F. J., Baldor, R. A., Golding, J., Stephens, M.

Hefner J, **McAlearney AS**. 2018. "Improving Quality in Health Care Organizations," in (Eds. Burns, L.R., Bradley, E.H., Weiner, B.J.) *Shortell and Kaluzny's Health Care Management: Organization, Design, and Behavior, 7th Edition*, Delmar: New York. In press.

Menser T, **McAlearney AS**. 2018. "Value-Based Payment Models." In: Eds. Daaleman TP, Helton MR. *Chronic Illness Care: Principles and Concepts*. Springer Publishing: New York, NY. In press.

Audio Visual Material and Media

Klatt, M., [Mindful Movement Research WBNS TV 10 News](#), 5/7/18.

Klatt, M. [High Anxiety](#), Kenyon Bulletin, Research Highlighted, 3/23/18.

Klatt, M. [Meditation: Becoming Middle Path](#), Audio. 3/23/18.

Klatt, M. [Meditation Brings Sharper Focus to the Workplace](#), Blue Cross Blue Shield, in Making the Healthcare System Work, Research highlighted, 3/15/18.

Klatt, M.,Featured in Fischer Ink, [Millennial Mental Health](#), 2/21/18.

Klatt, M.,Featured In the Center for Clinical and Translational Science, 8/21/17, <https://ccts.osu.edu/news-and-events/news/mindfulness-motion>

Mack, D., "Knowing when it's time for your loved one to move to assisted living," interview by Lu Ann Stoia, Columbus ABC 6 News, November 15, 2017.

FACULTY ACCOMPLISHMENTS

International and National Presentations

Al Sad, S., - STFM 2017: The Effect of Increasing Continuity in a Longitudinal Primary Care Experience: A Pilot Study . Prospective cohort to improve medical education, presented with the primary author Dr. Joanna Drowos, DO, MPH, as a co-investigator; Jacksonville, FL

Clark, A., National Association of Community Health Centers Annual Convention 8/2017 San Diego, CA. "Impact of a Pharmacist-Provided Spirometry Service on Access to Results in Primary Care Setting".

Crane ,J., Prokup JA, Havercamp SM, **Macerollo A**, Ratliff-Schaub K, Lash T, Robinson A. Training medical students in patient care for people with disabilities: a pilot clinical encounter program. Association of University Centers on Disability Conference, Washington, D.C. Nov 2017.

Cronau, H., Rundell K, Macerollo A. The 5-Minute Preceptor: Delivering Faculty Development in Bite-size Nuggets. The Society of Teachers of Family Medicine Medical Student Education Conference, Austin, TX. 2/3/18 .

Coe, C, **Rundell K**, Cangiarella J, Hunsaker M, Fancher T, Leong SL, Jones B, Kelly C. Accelerated Medical Pathway Programs: An Innovative Approach to Harmonizing UME to GME Continuum. Association of American Medical Colleges AAMC Continuum Connections Meeting, Orlando Florida, April 29, 2018.

Eklar P, Bahner D, and **Rundell, K** Workshop: Opportunities and Challenges in Ambulatory Teaching: A SWOT analysis. College of Medicine Fall Celebration of Educational Scholarship, OSU, Columbus OH, October 13, 2017.

Farrell, M., Presentation, Changes in Clinical Performance Assessment Outcomes after a Switch to an Integrated Curriculum, Society of the Teachers of Family Medicine Conference on Medical Student Education, 3 Feb. 2018. , Austin TX

Ford E, **Huerta TR.** "Modeling Electronic Medical Record Adoption." Southern Management Association, Oct. 2017, St. Pete Beach, Fla.

Fernandes AK MD, PhD; Peck A, LISW; Ecklar GP MD; **Rundell K, MD**, and Davis T PhD, MSSW "Common Cause: Using Interprofessional Team-Based Learning to Teach About Intimate Partner Violence, Child Maltreatment, and Toxic Stress," poster presentation at the American Academy of Pediatrics National Conference and Exhibition, Child Abuse and Neglect, Chicago IL, September 17, 2017.

Fosselman, D. Nogan, E., Sheikh, S., Knapke, M., Sommer, A., Briggs, M., **Miser, WF.** Assessing Feasibility of Implementing Exercise is Medicine Referral Program in Primary Care Office at Tertiary Medical Center. Poster Presentation, American College of Sports Medicine Annual Meeting, Minneapolis, MN, May 29-June 2, 2018

Furniss S, Rinehart-Thompson L, **Sieck CJ, McAlearney AS, Huerta TR.** "Characteristics of Patients Using a Patient Portal via Mobile Technology." 45th NAPCRG Annual Meeting, Nov. 2017, Montreal, Quebec.

Khalsa SB, Park, C, **Klatt, M.**, Workshop. "Yoga in the Occupational Setting: Efficacy Research Studies"2018 International Congress on Integrative Medicine and Health, May 8-11, Baltimore, MD.

Klatt, MD., Holliday, S., Menser, T., Marchenko, T., Poster. "Resilient Residency: Creating a Culture of interdisciplinary, Inter-professional Support Through a Multi-modal Integrative Intervention." 2018 International Congress on Integrative Medicine and Health, May 8-11, Baltimore, MD.

FACULTY ACCOMPLISHMENTS

Klatt, M., Sommerich, C. Invited Speakers. 2018. "Creating Mindful Environments: A Design Thinking Informed Example", A Systems Approach to Alleviating Work-induced Stress and Improving Health, Well being, and Resilience of Health Professionals Within and Beyond Education: A Workshop. The National Academies of Sciences, Engineering, and Medicine, Washington, DC.

Klatt, M., Gilbertson, R. Oral. "Mindfulness in Motion: A Multimodal Intervention Beneficial for Both Patient and Healthcare Provider" 2018 International Consortium of Multiple Sclerosis Centers CMSC), May 31-June 2, 2018, Music City Center, Nashville, TN.

Klatt, MD., Holliday, S., Menser, T., Marchenko, T., Poster Presentation. "Instilling Institutional Resiliency Using Graduate Medical Education (GME) as the Driving Force". Association of American Medical Colleges - Joint Meeting of the Group on Resident Affairs and the Organization of Resident Representatives. April 28-May 1, 2018, Orlando, FL.

Klatt, MD. Poster Presentation. "Yoga: Theory and Practice (YTP): A Course Illustrating Yoga Belongs in the Academy", 2018 International Congress on Integrative Medicine and Health, May 8-11, Baltimore, MD.

Klatt, MD. Oral Presentation. "Mindful Resilience: An Innovative Honors Course Addressing Individual/Organizational Resilience via the Embodiment of Integrative Health Practices", 2018 International Congress on Integrative Medicine and Health, May 8-11, Baltimore, MD.

Klatt, MD, Steinberg, B., Moffatt-Bruce, S., Duchemin, AM. Premier Poster Presentation. "Utilizing Mindfulness with Health Care Professionals (HCPs) to Improve Burnout, Self-Compassion, and Patient Quality and Safety Measures: A Comparison of Cardiac Units", 2018 International Congress on Integrative Medicine and Health, May 8-11, Baltimore, MD.

Klatt, M., Steinberg, B, Moffat-Bruce, S, Duchemin, AM, Abstract, 2017, "Transforming Patient Quality and Safety Measures through Mindfulness in Motion for Health Care Professionals (HCPs): A Comparison of Cardiac Units", International Conference to Promote Resilience, Empathy, and Well Being in the Health Professions: Centile 2017; Washington D.C.

Klatt, M. Poster, 2017, "Mindful Resilience: From the Individual to the Organization A Course Addressing Individual/Organizational Resilience through Reflection", Washington D.C.

Klatt, M. , Gonsenhausner, I, Moffatt-Bruce, S, , Holliday, S, Workshop, 2017, "Growing Resilient Residents: An Interdisciplinary, Inter-professional Medical Center Mindfulness Initiative" International Conference to Promote Resilience, Empathy, and Well Being in the Health Professions: Centile 2017; Washington D.C.

Lan Y, Chandrasekaran A, **Walker DM.** "Collaboration Networks in Integrated Health Care Delivery: Evidence from Accountable Care Organizations." Informs Annual Meeting, Oct. 2017, Houston, Texas.

Lan Y, Chandrasekaran A, **Walker DM.** "Impact of Formal and Informal Networks on Collaboration-An Econometric Study of ACOs in MSSP." Academy of Management Annual Meeting, Aug. 2017, Atlanta, GA.

Krebs, P., Walrod, B., Bilateral Thigh Pain In An Adolescent Athlete. Podium Presentation AMSSM Annual Meeting, Orlando, FL, May 2018.

Lebensohn, P., Brooks, a., Kligler, B., **Klatt, MD.,** Koithan, M., PhD, Maizes, V. poster Presentation. "Health Education: Results of a National Interprofessional, Primary Care Educational Program." 2018 International Congress in Integrative Medicine and Health, May 8-11, Baltimore, MD.

Lebensohn P, Diers, T, **Klatt, M.,** Symposium, 2017, "Enhancing Integrative Interprofessional Education", International Conference to Promote Resilience, Empathy, and Well Being in the Health Professions: Centile 2017; Washington D.C.

FACULTY ACCOMPLISHMENTS

Miser WF: The Approach to the Resident in Difficulty – Prevention, Early Recognition, and Early Intervention Oral Presentation (seminar) given to the American Academy of Family Physicians Residency Program Solutions, Kansas City, MO, March 23, 2018.

Miser WF, Irwin G, Swoyer J: Congratulations: You Have Just Become a New Program Director! Now What? Oral presentation (seminar) given to the American Academy of Family Physicians Residency Program Solutions, Kansas, City, MO, March 23, 2018.

Prokup JA, Crane J, Robinson A, Havercamp, SM, **Macerollo, A,** Lash AT. Training Medical Students to Care for Patients with Disabilities: A Disability Curriculum Initiative at The Ohio State University College of Medicine. American Academy of Developmental Medicine & Dentistry 16th Annual Educational Conference, Seattle, WA, June 29, 2018.

Prokup JA, Crane J, Robinson A, Havercamp, SM, **Macerollo, A,** Lash AT. Getting Comfortable with Disability: A Simulated Clinical Experience. American Academy of Developmental Medicine & Dentistry 16th Annual Educational Conference, Seattle, WA, June 29, 2018.

Prokup JA, Crane J, Robinson A, Ratliff-Schaub K, Havercamp SM, Lash T, **Macerollo, A.** Training Medical Students to Care for Patients with Disabilities: A Pilot Program at The Ohio State University College of Medicine. American Academy of Developmental Medicine & Dentistry 15th Annual Educational Conference, University of Texas Health Science Center 2017.

Rundell K. and Curren C. An Integrated Curriculum for Teaching Physical Exam in the Ambulatory Setting. The Advanced Physical Exam Showcase. Directors of Clinical Skills Courses, National Organization of Directors of Clinical Skills, meets concurrently with Annual AAMC meeting. Annual Meeting, Boston, MA, November 3, 2017

Rundell K, Ecklar GP, Niedermier J, Westman J, Kman N, Fernandes A and Cavalcanti M. Creating a Statewide Opioid Curriculum Toolbox: Piloting SmartRx modules in Fourth Year Curriculum. (Poster Presentation) Symposium on Curriculum Development in Opioid Management Best Practices and Future Directions, Brown University, June 10-12, 2018

Rundell K, Macerollo A, Bruce E and Graham, T.S. Introducing an Inter professional Leadership Curriculum for Primary Care Interested Students 44th Society of Teachers in Family Medicine STFM Annual Meeting on Medical Student Education, Austin TX, February 1-4, 2018

Sieck CJ, Hefner JL, McAlearney AS. “The Rules of Engagement: Perspectives on Secure Messaging From Experienced Ambulatory Patient Portal Users.” 45th NAPCRG Annual Meeting, Nov. 2017, Montreal, Quebec.

Sieck CJ, Hefner JL, McAlearney AS. “Data Collection and Analytic Methods in Qualitative Research.” 45th NAPCRG Annual Meeting, Nov. 2017, Montreal, Quebec.

Steinberg, B, Duchemin, AM, **Klatt, M,** Abstract, 2017, “Administrative Necessities for the Successful Implementation of Worksite Mindfulness Interventions in Academic Medical Centers”, International Conference to promote Resilience, Empathy, and Well Being in the Health Professions: Centile 2017; Location: Georgetown University Hotel & Conference Center, Washington D.C.

Van Hulle J, Ford E, **Huerta TR,** Swoboda C. “Odds of Talking to Healthcare Providers as Initial Source of Healthcare Information: Updated Results from the Health Information National Trends Survey (HINTS).” 45th NAPCRG Annual Meeting, Nov. 2017, Montreal, Quebec.

Van Hulle J, Ford E, **Huerta TR,** Menser T. “Smoking Behavior in Cancer Survivors: An Analysis of 2003 to 2014 Health Information National Trends Survey (HINTS).” 45th NAPCRG Annual Meeting, Nov. 2017, Montreal, Quebec.

FACULTY ACCOMPLISHMENTS

Von Visger TT., Thrane SE., **Klatt MD.**, DeVito Dabbs, A., Chlan L., Happ MB., "Dose, Delivery, and Duration of Multi-modal Integrative Therapy Intervention Research", American Thoracic Society, 2018 International Conference, May 18-23, 2018, San Diego, CA.

Von Visger TT., Thrane SE., **Klatt MD.**, DeVito Dabbs, A., Chlan L., Happ MB., Feasibility and Acceptability of Integrative Therapy for the Management of Symptom in Persons with Pulmonary Hypertension, at the Navigating the Future: Individualizing Patient Care in the Face of Increasingly Complex Treatment Options, Poster presentation, October, 2017, Pulmonary Hypertension Professional Network Symposium, Rockville, MD., page 57.

Walrod, B., Mixed Martial Arts: Invited podium lecture. AMSSM Annual Meeting. Orlando, FL, May 2018

Walker DM, Hefner JL, Sieck CJ, Huerta TR, McAlearney AS. "Framework for Evaluating Inpatient Portals: A Multi-Stakeholder Perspective." Academy of Management Annual Meeting, Aug. 2017, Atlanta, Ga.

Walker DM, Menser T, Huerta TR, McAlearney AS. "Disseminating Evidence-Based Practice Through Quality Improvement Collaboratives: Evidence from the Merck for Mothers Obstetric Emergency Safety Bundle Project." 10th Annual Conference on the Science of Dissemination and Implementation in Health, Dec 2017, Arlington, VA.

Weaver, LL., Mehta, P., Sternberg, M., & **Klatt, M.** Poster. "Feasibility, Social Validity, & Outcomes of a School-Based Yoga Program for Anxiety Among Adolescents." Presented at the 2018 World Federation of Occupational Therapists Congress, May 21-25, 2018, Capetown, South Africa.

Regional and State Presentations

Ahmad, F. Diabetes. Columbus Chapter of the AAPC. Columbus Metro Main Library. June 13, 2018.

Klatt, M. 2018. Presenter. "Mindfulness as an Innovative Intervention across the Continuum: Patient, Caregiver, and Provider," 4th Annual Cancer Disparities Conference, Changing the Paradigm through Science and Community Engagement, 3/10/18, Columbus, OH.

Klatt, M. 2017. "Yoga for Radiography Students: Preventing Injury". Kent State University, Salem, OH.

Moffatt-Bruce SD, **Huerta, TR, McAlearney AS,** "Patient Safety Learning Laboratory: Institute for the Design of Environments Aligned for Patient Safety (IDEA4PS)." Patient Safety Learning Labs In-Person Grantee Meeting, September 2017, Columbus, Ohio

Srinivasan, R, Steinberg, B, Duchemin, A, **Klatt, M.** (2017) "Mindfulness and burnout prevention: the impact of a mindfulness-based intervention on burnout factors in healthcare professionals", Association of Indian Physicians of Northern Ohio (AIPNO) Research Showcase, Cleveland, OH.

Lawrence, T., and **Mack, D.**, "AMDA Core Curriculum Online Webinar 2," AMDA Online, July 12, 2017.

Mack, D. "Avoidance of Antimicrobials in Asymptomatic Bacteriuria," Ohio Medical Directors Association, Webinar, September 14, 2017.

Nolan, L., Walrod, B., Acute Low Back Pain in a Collegiate Soccer Player, A Case Study- Poster Presentation: AOASM Annual Meeting May 2, 2018, Columbus, Ohio