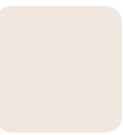



MEDICAL EDUCATION

Annual Report

2017-2018 Academic Year







Dear Aultman community,

The Department of Medical Education has again had a successful year in the education of residents, fellows, medical students and continuing education for our Medical Staff. Aultman continues to provide a positive clinical learning environment for our programs. We are extremely appreciative of this support, especially in this time of recognized physician burn-out and evidence that it reaches down to residents, fellows and medical students as well.

Some of the medical-education accomplishments in the 2017 – 2018 academic year include:

- Each residency and fellowship program has developed a wellness curriculum with significant involvement of the residents and fellows in the design of the curriculum.
- The Orthopaedic Residency was added to our post-graduate training opportunities under the direction of Jeffrey Cochran, D.O. The residency is currently an AOA-accredited program and is in the process of applying for ACGME accreditation.
- All our other current residency programs continue to have full ongoing accreditation.
- The residency continuity practices continue to provide care to the underserved, underinsured population and are now providers for My Community Health Center (MCHC), a federally qualified health center lookalike practice.
- The Family Medicine Residency began providing care via a telehealth kiosk located in downtown Canton.
- The Radiology Residency was approved by the American Board of Radiology to provide Early Specialization in Interventional Radiology (ESIR)
- Dr. Rajkumar, assistant program director of the Internal Medicine Residency, presented a faculty-development session, called Teaching Critical Appraisal Skills, that was available to all residency faculty.

The Medical Education faculty, residents, fellows, students and administration recognize that the success of our programs depends on the teaching, support and resources provided by the medical staff, clinical staff and hospital administration. Thanks once again to all for your generous contributions of time, clinical expertise, mentorship and teaching.

Sincerely,



Susan Mercer, M.D.
Vice President of Medical Affairs
Medical Education and Research



UNDERGRADUATE MEDICAL EDUCATION

Aultman's Medical Education Department structures rotations and learning opportunities for medical students, along with residents, fellows and medical staff physicians. Aultman is affiliated with Northeast Ohio Medical University (NEOMED) and Lake Erie College of Osteopathic Medicine (LECOM). We also offer rotations based on availability to international medical students from ROSS, SABA and American University of the Caribbean. With the closing of Affinity Medical Center, Aultman provided assistance to Ohio University College of Osteopathic Medicine by placing many of the medical students for fourth year elective rotations.

The department contributes to NEOMED in all four years of medical school training, starting with Introduction to Clinical Medicine (ICM) in the first and second years (M1 and M2). Dr. Brophy supervised the teaching of history-taking and physical examination for 24 M1s and 22 M2s this year from August through May.

Aultman offered four core clerkships in the third year (M3s) under the leadership of clerkship directors. These include family medicine, internal medicine, obstetrics/gynecology and surgery. Fourth year medical students (M4s) choose senior electives. Table 1 indicates the number of students who have had clinical experiences at Aultman Hospital in the last three years.

Year	M1 and M2	M3	Students doing M4 clinical experience	Total
2015-2016	47	100	148	295
2016-2017	48	86	157	291
2017-2018	46	89	183	318

Table 2 shows the complexity of the M3 year.

Rotation/Clerkships	Directors	# of Clerkships per year	Duration of Clerkship/Elective	# of Students 2016-2017	# of Students 2017-2018
M1 & M2	Dr. Brophy	1	August-May	48	46
Internal Medicine	Dr. Kevin Frey	4	9 Weeks	24	20
Family Medicine	Dr. Kit Belen	8	6 Weeks	17	22
OB/GYN (INT)	Dr. Domingo	As Available	6 Weeks	4	5
OB/GYN (NEOMED)	Dr. J. Hoppe	8	6 Weeks	21	26
Surgery	Dr. Saadey	4	9 Weeks	13	13



FACULTY HONORS IN 2017-2018 ACADEMIC YEAR

NEOMED'S Commencement Class of 2018 was held on May 18, 2019.

The class chose the following Aultman Faculty member to present hoods to graduates:

Daniel Wasdahl, M.D. - Pathology



THE CANTON CONNECTION

The Canton Connection is a program that is sponsored by the Aultman Medical Education Department. Medical students from the greater Canton area, both at the undergraduate and the graduate levels, are invited to meet throughout the year with the faculty and physicians from Aultman Hospital. These meetings offer an opportunity for students to network, build relationships and understand more about the various aspects of the medical field from the perspective of experienced area physicians. These meetings are intended to assist students as they prepare for their careers in medicine. This year, the meeting focused on career path, debt repayment and work/life balance.

In summary, our goal is to develop future doctors who will ultimately contribute to the medical staff and the community, and to inspire all students towards lifelong learning.



GRADUATE MEDICAL EDUCATION: 2017 – 2018

Upon completion of medical school training, each student enters into post-graduate training in the specialty of his/her choice through residency training. Aultman Hospital offers residencies in family medicine, internal medicine, obstetrics/gynecology, radiology and the recently accredited orthopaedic surgery. It also sponsors a cardiovascular fellowship program. These specialty-training programs bring physicians with the most current medical knowledge into our patient-care teams.

On March 5, The American Osteopathic Association approved Aultman Hospital as a sponsor for an orthopaedic surgical residency program. One week later, on March 12, a total of 10 orthopaedic surgical residents from Affinity Medical Center continued their education without interruption and became residents in the Aultman Orthopaedic Surgery Residency Program.

Of Aultman's 2018 graduating residents/fellows:

- 28 residents/fellows graduated having successfully accomplished all required competencies.
- 13 graduates were accepted into fellowship training.
- Four graduates are employed as hospitalists.
- 11 graduates entered a group/private practice.
- Five graduates stayed in the area: one joining Cardiovascular Consultants, two joined a practice and two becoming hospitalists with Aultman.

My Community Health Center (MCHC) is a new corporate and clinical entity that is in the final processes of application and designation as a Federally Qualified Health Center look-alike (FQHC-LA). It currently houses services in family medicine, internal medicine and obstetrics/gynecology. It is home to the primary continuity of care site for Aultman Hospital residency programs in family medicine and obstetrics/ gynecology, and as a primary continuity of care site for the Canton Medical Education Foundation (CMEF) internal medicine residency.

Residency/fellowship programs are accredited by the Accreditation Council for Graduate Medical Education (ACGME). They implemented the Clinical Learning Environment Review (CLER) to provide hospitals with periodic feedback addressing the six focus areas: patient safety, health care quality, care transitions, supervision, well-being and professionalism.

In August, due to their association with Canton Medical Education Foundation, representatives from the ACGME conducted a site visit at MMC. In October 2017, the ACGME returned to conduct a site visit at Aultman Hospital. Both reviews provided acknowledgement of our accomplishments and valuable feedback to improve the educational environment and quality health care.

Graduate medical education has made great advances in support of resident research. Aultman provides financial support so that residents/fellows can present at two conferences per academic year. Also, the residents/fellows have access to REDCap, a secure web application for building and managing online surveys and databases. It provides automated export procedures for seamless data downloads to Excel and common statistical packages, along with other benefits.

On March 6, 2018, Medical Education sponsored the faculty-development conference "Teaching and Leading Evidence Based Medicine (EBM)." We sponsor programs annually which contribute to a quality educational experience for our faculty, residents and fellows. This was attended by 33 faculty members and residents.



FAMILY MEDICINE RESIDENCY TRAINING: BUILDING THE MEDICAL COMMUNITY

The Aultman Family Medicine Residency Program, affiliated with NEOMED, offers a comprehensive education in family medicine, emphasizing management and treatment of patients of all ages. We emphasize a whole-person approach and incorporate patient and family values into our ongoing assessment and treatment plans. Our curriculum is designed to develop our residents' expertise in the care of our patients through health promotion, office procedures and behavioral aspects of care, as well as the treatment of acute and chronic illnesses in several health care settings.



Residents manage patients in a wide variety of settings, including the hospital, emergency department, nursing home, the patient's home and outpatient settings. After an emphasis on inpatient care in the first year of the program, residents transition to a predominantly outpatient-oriented experience in the third year with increasing responsibility of care of their patient panels. Continuity of care and behavioral medicine in our patient population are stressed in the family medicine center.

Our Family Medicine Residency Program has been accredited by the Accreditation Council of Graduate Medical Education (ACGME) since 1975. At our last ACGME site visit, we were granted maximum accreditation. Our next evaluation is scheduled for May 2022.

Our family medicine residents and faculty are actively involved in the Stark County Health Department Prenatal Clinic, the Hartville Migrant Clinic and Planned Parenthood's Stark County Office. We recently signed a partnership with CommQuest to help the community by providing addiction and recovery services. In addition, we installed a TeleHealth kiosk in downtown Canton, and we will be training our residents to practice virtual health care to improve patient access and reduce medical costs in a patient-centered model. Our residents can also participate in an annual week-long mission trip to Honduras to treat some of the underserved patients of Central America.

We encourage ongoing Quality Improvement (QI) projects and research areas for all our residents. The residents and faculty recently completed a hypertension quality improvement project and are currently working on a gestational diabetes QI project.

On June 22, 2018, the Family Medicine Residency Program celebrated another successful graduation. This brings the total number of graduates to 244. Our residents are practicing all over the United States and Canada in small group practices, solo practices, academic settings, urgent care centers and hospitalist groups.

The Aultman Family Medicine Residency Program's mission is to promote an environment of intellectual curiosity that produces exceptional family physicians who provide comprehensive, evidence-based, compassionate patient-centered care. The Canton office is currently working to become a Federally Qualified Health Center (FQHC) – look-alike.

At the annual NEOMED scholarship day, Drs. Keyvan Rashidi and Deepthi Surineni received first place for their poster presentation; Drs. Shannon Burnham and Lavanya Ravindran received third place for their poster presentation; and Drs. Roger Musa and Keith Werstler received the faculty's People's Choice Award for their oral presentation.

The Aultman Family Medicine Residency Program is always searching for ways to improve the education of our residents and the health of our community.



INTERNAL MEDICINE RESIDENCY

The Internal Medicine Residency Program at Canton thrives on collaboration between Aultman Hospital and Mercy Medical Center, with core clinical experiences at both of these inpatient acute care hospitals, as well as Mercy's Ambulatory Care Center, My Community Health Center, Bethany Nursing Home and many subspecialty office practices throughout the area. Robust involvement among many subspecialty physicians in our community supports a strong and well-rounded curriculum for the residents.

Our graduates are prepared for eligibility to seek board certification in the American Board of Internal Medicine, and many also seek further fellowship training to become subspecialty physicians themselves. The 2018 class of Canton Medical Education Foundation (CMEF) produced a high number of fellow trainees: four in infectious disease, one in oncology, one in palliative care & hospice medicine and two in cardiology. Three of our graduates entered practice in hospitalist medicine, with one joining staff at Aultman Hospital.

Our 2017 graduates achieved another 100 percent ABIM board pass rate as first-time takers of the exam. The program continues to provide a rigorous ABIM prep curriculum led by Assistant Program Director Dr. Asha Chakka. Drs. Rajkumar and Frey, also assistant program directors for CMEF, have pursued further training in bedside ultrasound assessment to augment physical exam skills, and Dr. Frey has progressively applied his growing skills in our ambulatory procedure clinic offered at each of our outpatient sites.

Dr. Rajkumar, also director of scholarly activity, completed Duke University's famed evidence-based medicine course last fall and brought her knowledge back to share with the Canton campus in her faculty development workshop on teaching critical appraisal skills. Drs. Narayanan (associate program director) and Bolyard (program director) successfully presented CMEF's curriculum for business in medicine with their faculty development workshop on merit-based incentive payment system for residents. They presented to internal medicine faculty attendees of the Alliance for Academic Internal Medicine's (AAIM) fall conference in Grapevine, Texas. This work has subsequently been under review for publication in the ACGME's Journal of Graduate Medical Education.



OBSTETRICS AND GYNECOLOGY

The Aultman Obstetrics and Gynecology Residency Program has been accredited to train physicians in women's health since 1946. Over the past 72 years, we have created a tradition of embedding learners in an environment of scholarly and clinical excellence. As we strive to train physicians of the future, we honor the traditions of sharing knowledge and human wisdom – all of which are alive and well in our residency program.

Our program is under lead of Dr. Prab Gill, who has a regional reputation as a passionate educator with numerous publications and distinctions, along with Dr. Michael Krew and Dr. Jason Hoppe as associate and assistant program directors. The program is thriving. Dr. Prab Gill is a seasoned maternal-fetal medicine specialist and a chair and professor of obstetrics and gynecology at our local medical school and affiliated program, Northeast Ohio Medical University. Dr. Melissa Vassas, a seasoned academic specialist in comprehensive obstetrics and gynecology, guides our outpatient experience.

In the concluded academic year, we took pride in four of our residents who presented their scholarly projects at national meetings. We also recognized and celebrated faculty members listed below for their distinction as educators.



AULTMAN ATTENDING PHYSICIAN TEACHING AWARDS

Dr. Peter DiGiacomo
Attending of the Year

Dr. Christopher M. Rooney
Surgeon of the Year

NATIONAL ATTENDING PHYSICIAN TEACHING AWARDS

Dr. Melissa S. Vassas
Council on Resident Education in Obstetrics and Gynecology (CREOG) Faculty Award for Excellence in Resident Education



RADIOLOGY

The Aultman Radiology Residency is an integrated program with Mercy Medical Center and is a four-year program with four residents in each postgraduate year. Residents enter after training one year in a rotating general medicine internship such as a transitional-year residency.

The 12 milestones with outcome measures composed by the Accreditation Council of Graduate Medical Education (ACGME) have been incorporated into the residency curriculum. The milestones ensure residents achieve competency in the six designated areas of medical knowledge, professionalism, patient care, interpersonal communication, practice-based learning and system-based practice.

A formalized two-year lecture series in the 10 subspecialty areas of radiology in compliance with RRC requirements is provided for the residents. In addition to the formalized lecture series, a business module consisting of six lectures is provided to the residents. Subscriptions to StatDx and Radprimer, web-based programs, provide the residents the opportunity to review films and provide the staff the means of “testing” the resident’s progress. The residency program also subscribes to E-Anatomy, a web-based program to aid residents in their education. R3 residents are provided with a three-month subscription to Board Vitals as a core board exam study tool. Starting this year, we began administering an eight-hour pre-call simulation exam to the R1 class (Critical Care SIMulation) to access call readiness. Also beginning this year, each resident takes an exam at the end of each four-week rotation for self-assessment purposes (RadExam).

Radiology residents attend the Radiologic-Pathology Correlation Course (AIRP) sponsored by the American College of Radiology. The radiology residents are spending two weeks at Cleveland Clinic Foundation to provide them with the exposure to more cardiac procedures and exams. The radiology residents are also spending two weeks at Aultman maternal fetal medicine to provide them with the exposure to more second- and third-trimester ultrasound and high-risk obstetric patients.

We are pleased to announce that our program has been approved by the American Board of Radiology to host an Early Specialization in Interventional Radiology (ESIR) program starting this year. ESIR is a track within the diagnostic radiology residency, which specializes in preparing residents for a career in interventional radiology.

Many welcome changes have been made in the wellness arena over the last year: We have held two off-campus resident retreats, instituted a monthly team building lunch, had a team run at the Canton Relay Marathon and have held multiple baby showers for expecting families within our program.

The resident involvement in scholarly activities continues to progress. There were five poster presentations at the 29th Annual Aultman Research Day.

Radiology residents continue to excel. Dr. Jeremy Wachenschwanz was awarded the Annual RSNA Research Award. Dr. Jami Lyon was awarded the Radiology Resident of the Year Award. Graduating residents went to Aultman Hospital for a breast imaging fellowship; Cincinnati Children’s Hospital for a pediatrics fellowship (2018-19); Nationwide Children’s Hospital for a pediatric interventional radiology fellowship (2019-20); University of North Carolina – Chapel Hill for a breast imaging fellowship; and University of Pittsburg Medical Center for an interventional radiology fellowship.

Faculty members are recognized for their commitment to teaching, and the following were named Teacher of the Year: Dr. Michael Markovic – Aultman; Dr. Joseph Mendiola – Mercy; and Dr. Michael Rubin – Akron Children’s Medical Center. Pat Franzen, program coordinator at Aultman, was awarded the Resident Appreciation Award for Ancillary Staff.

Faculty changes include one new faculty member at Aultman Hospital, Dr. Anna West.



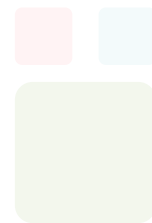
CARDIOVASCULAR DISEASE FELLOWSHIP PROGRAM

The Cardiovascular Disease Fellowship Program has had another successful year with the graduation of two fellows. All fellows have joined cardiology practices in the surrounding area with one joining as a member of our faculty at Aultman Hospital.

The fellowship continues to grow. In April 2018, the American College of Graduate Medical Education (ACGME) approved a permanent complement change supporting 15 positions. This will enable us to have four first-year fellows in the upcoming academic year of 2018-19. To keep up with the growth of fellows and stay in compliance with ACGME requirements of faculty-to-fellow ratio, we now have seven key clinical faculty members. This provides the fellows with more opportunities to have exposure with faculty who specialize in electrophysiology, interventional cardiology, peripheral vascular disease, nuclear cardiology, echocardiography and clinical cardiology. The program will continue to have two non-accredited fellows.

The Cardiovascular Disease Fellowship Program continues to provide an educational goal to produce clinically sound, well-rounded and compassionate cardiologists. The fellows have a wide range of patient populations, both inpatient and outpatient. They care for patients in all the required settings and continue to acquire expertise in all the required procedures. The cardiovascular department's volume of clinical cases and procedures, which was already high, has been increasing over the last three years, facilitating a robust clinical experience.

The faculty has increased its involvement in scholarly activity as the program director and faculty are actively involved in abstracts, presentations and/or publications accepted in peer reviewed journals and national meetings, including (but not limited to) the Society for Cardiovascular Angiography and Interventions, American Society of Echocardiography and Transcatheter Cardiovascular Therapeutics.





ORTHOPAEDIC SURGERY RESIDENCY PROGRAM

The Orthopaedic Surgery Residency Program opened under the ownership of Doctors Hospital of Stark County in 1976 under the accreditation of the American Osteopathic Association. When Doctors Hospital of Stark County closed in 2005, the residency program moved to Affinity Medical Center. With the closing of Affinity in March of 2018, Aultman Hospital assumed sponsorship of the program, and it continues to serve the community today.

The orthopaedic program is currently accredited by the American Osteopathic Association (AOA), as well as in pre-accreditation status with the Accreditation Council of Graduate Medical Education (ACGME). We will continue towards full accreditation by 2020.

The Orthopaedic Surgery Residency Program is a five-year training program, with curriculum including learning experiences at Grant Medical Center, Akron Children's Hospital and Summa Health, in addition to Ohio Specialty Surgical Suites, LLC. and Mercy Medical Center. The program consists of 10 residents, two for each year of training. Many past and current faculty graduated from this residency program, stayed in the local area and continue to be involved in the education of future orthopaedic surgeons. Jeffrey Cochran, D.O., a graduate of the residency program, is the program director.

The residents and faculty participate in and present research projects at local, regional and national meetings and are involved with the local community in many different ways. Each year, the program, in conjunction with Perry High School, provides sports physicals for 250+ local students.

In our last year associated with Ohio University Heritage College of Osteopathic Medicine, Christopher Malone, D.O., received the Outstanding Resident Physician Award. Many past residents have also received this award for their hard work and dedication to the teaching and mentoring of medical students.





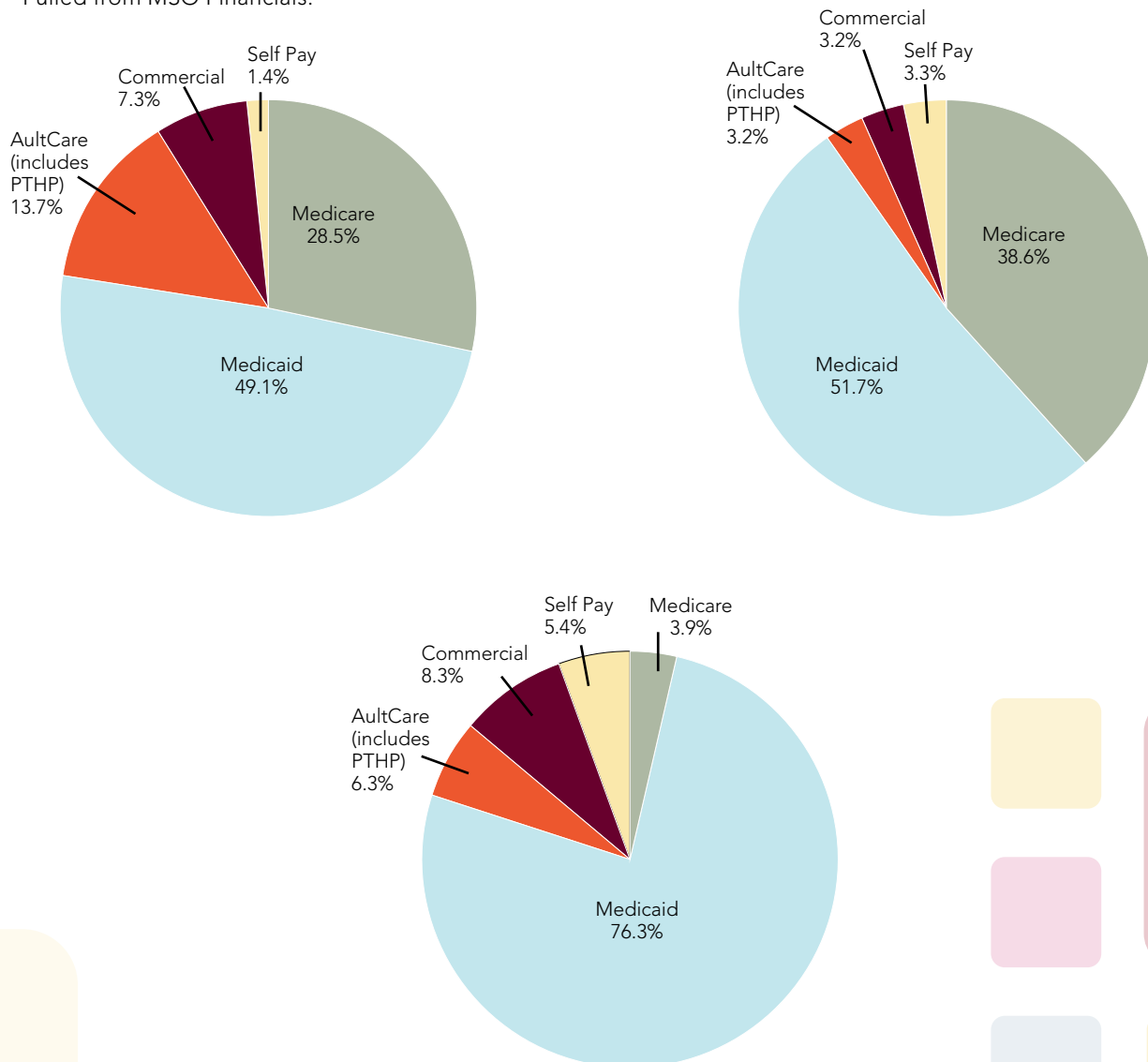
MY COMMUNITY HEALTH CENTER

My Community Health Center (MCHC) houses the outpatient continuity practices for the residencies. MCHC is in the process of becoming a Federally Qualified Health Center Look-Alike. Our family medicine, internal medicine and OB/gyn residents provide preventative, acute, prenatal and chronic health care. They also perform outpatient procedures. These practices provide a significant service to the uninsured and underinsured residents of Stark County.

MCHC is committed to providing high-quality care and contributing to the excellent education of our residents. As an FQHC, MCHC's mission "to provide compassionate care to all, healing and learning together" demonstrates the important balance between resident education and quality of care to those most in need in our area.

RESIDENT CONTINUITY PRACTICE SERVICE (JULY 1, 2017 THRU JUNE 30, 2018)

*Pulled from MSO Financials.





MEDICAL STAFF AND RESIDENT PHYSICIANS AWARDS

FAMILY MEDICINE

Resident Awards:

- Lavanya Ravindran, M.D. – Outstanding Contributions to Quality Improvement Award
- Rajvir Singh, M.D. – Society of Teachers in Family Medicine Teaching Award
- Keyvan Rashidi, M.D., & Deepthi Surineni, M.D. – AFMRD/NAPCRTG/CFPC Family Medicine Resident Award of Scholarship

Resident Research Awards NEOMED Scholarship Day:

Keyvan Rashidi, M.D., & Deepthi Surineni, M.D. – First Place Poster Award “Hypertension Planned Visits”

Faculty Awards NEOMED Scholarship Day

Roger Musa, M.D., & Keith Werstler, M.D. – Faculty People’s Choice Awards

“Using a Free Learning Management System to Create Structured and Collaborative Learning in a Family Medicine Residency Program”

RADIOLOGY

Resident Awards:

- Jami Lyon, D.O. – Resident of the Year
- Jeremy Wachenschwanz, D.O. – RSNA Research Award

Faculty Awards:

- Michael Markovic, M.D. – Teacher of the Year (Aultman Hospital)
- Joseph Mendiola, M.D. – Teacher of the Year (Mercy Medical)
- Michael Rubin, M.D. – Teacher of the Year (Akron Children’s)
- Pat Franzen, program coordinator – Resident Appreciation Award for Ancillary Staff (Aultman Hospital)

OBSTETRICS & GYNECOLOGY

Resident Awards:

- Bryant Johnson, D.O. – American Urogynecologic Society Resident Award for Excellence in Female Pelvic Medicine and Reconstructive Surgery
- Jeffery Reese, D.O. – American Association of Gynecologic Laparoscopists Resident Award for Excellence in Minimally Invasive Gynecology
- Jessica Leszczynski, D.O. – Society for Maternal-Fetal Medicine Resident Award for Excellence in Obstetrics
- Christina Miller, D.O. – Stark County Ob/Gyn Society Award for Best CREOG Score

CANTON MEDICAL EDUCATION FOUNDATION AWARD WINNERS:

- Chadi BouSerhal, M.D. – Critical Care Attending of the Year
- David Beard, M.D. – MTS Attending of the Year
- Pramod Bhargava, M.D. – Medicine Consultant of the Year
- Akbar Shah, M.D. – Cardiology Attending of the Year
- Raffi Bardakjian, M.D. – Cardiology Fellow of the Year
- Haroon Rehman, M.D. – Excellence in Teaching
- Anthony Weber, M.D. – Excellence in Teaching
- Julia Saling, M.D. – Excellence in Teaching
- Vinh Dang, M.D. (MMC), & Haroon Rehman, M.D. (MCHC) – Excellence in Ambulatory Care
- The Class – Excellence in Critical Care
- Rushikkumar Bhuva, M.D., Frederick C. Whittier, M.D. – Excellence in Research
- Sudha Jagarlamudi, M.D., William L Hoppes, M.D. – Outstanding First-Year Resident
- Sripriya Gonakoti, M.D., Gregory W. Rutecki, M.D. – Outstanding Second-Year Resident
- Seth Maurer, M.D., Andre J. Ognibene, M.D. – Outstanding Third-Year Resident
- Vignesh Viswanathan, M.D. – Professionalism



PATIENT SAFETY AND QUALITY HIGHLIGHTS

In the first year of training, residents partake in quality and patient safety education modules from the Institute of Healthcare Improvement (IHI). The IHI takes a unique approach of working with hospitals and other health care systems on improving quality, safety and value in health care.

New residents and fellows go through the High Reliability Organization (HRO) training as part of their orientation. Residents and fellows have been active participants in Aultman's ongoing journey to become a high-reliability organization.

The Quality Department has held several educational sessions for the residents about the importance of variance reporting, the diverse ways one can report and the non-punitive nature of reporting. Since these sessions, the goal of increasing reporting has been met, and the number of variances submitted by residents has significantly increased. Several residents have also participated in root cause analysis investigations.

The following are quality and safety projects conducted by residents:

"Low Dose CT Scan for Lung Cancer Screening"
Rajvir Singh, M.D., Reshma Eugene, M.D.

"Wellness Committee Assessments of Resident Burnout" Entire Internal Medicine Program

"Hypertension Planned Visit" Keyvan Rashidi, M.D.,
Deepthi Surineni, M.D.

"Improving Ordering Habits in Clinicians" David
Angari, M.D., Jami Lyon, D.O.

"Implementing a Tobacco Smoking Cessation
Intervention Using the Importance Readiness
Confidence Scale" Shannon Burnham, M.D., Lavanya
Ravindran, M.D.

"Incidental AAA" Nathan Fagan, M.D.

"Ohio Type 2 Diabetes Learning Collaborative
Quality Improvement Project" Entire Family
Medicine Program

"Effect of Radiation Protective Shield in Decreasing
the Operator Exposure Dose in Routine
Interventional Radiology Procedures" Jeremy
Wachenschwanz, D.O., Sunpreet Tandon, M.D., and
Mohamad Gharavi, M.D.

"Intervisit Planning" Dani Fribourg, M.D., Rama
Narayanan, M.D.

"Structuring 6 Weeks PP Check to Enable Better
Screening for Residual DM Risk" Franziska Haydanek,
D.O.

"Patient Blood Management" Aarthi Rajkumar, M.D.,
Alicia Scott, M.D.

"HPV Vaccination: Optimizing Rates in our
Ambulatory Clinics" Brennan Anderson, D.O.

"MIPS (Improving Diabetes Management and
Intervisit Care)" Vignesh Viswanathan, M.D., Jennifer
Bolyard, M.D.

"Colposcopy Prediction of Dysplasia: Value of an
Educational Module" Christina Kufel, D.O.

"Mammography Screening at MCHC" Entire Internal
Medicine Program

"Accuracy of Preoperative Pelvic Mass Dimensions"
James Miller, M.D.



"Improving Follow-up of Pap Smear Results in Resident Ambulatory Practice" Jessica Nazaro, D.O.

"Patient Satisfaction Between Morning and Evening Elective Labor Inductions" Bryant Johnson, D.O.

"Evaluating Impact of Wellness initiative" Keary Johnson, M.D.

"Effect of 'Low Volume' Scenario on Postpartum SICU Care" D. Cameron Rice, D.O.

"Post-partum Follow-up Models for Gestational Diabetes" Jennifer Roberts-Merriman, D.O.

"Prenatal Care Models in a Resident Clinic: An Analysis of Cost Primary" Jessica Leszczynski, D.O.

"Compliance with Implementation of a Four-Week Postpartum Visit" Jessica Sovacool, M.D.

"Process Evaluation and Improvement of Depot Medroxyprogesterone Acetate Contraception in a Resident Clinic" Julianne Yang, M.D.

"Outcomes of ACL Reconstruction Using Biologic Augmentation in the Adolescent Patient" Anthony Berdis, D.O.

"Revision of Unicompartmental Knee Arthroplasty to Total Knee Arthroplasty: Is It as Good as a Primary Result" Mark Kolich, D.O.

"Flexor Retinaculum Repair Following Posterior Tibial Tendon Dislocation: Technical Tip and Case Study" Fred Korpi, D.O.

"Echo Evaluation of Diastolic Dysfunction (Retrospective Study)" Prab Gopal, M.D.

"Patient Safety Project – Radial Spasm Avoidance During Cardiac Cath (Prospective Study)" Prab Gopal, M.D.

"High Dose Bolus Tirofiban in Patients with End-stage Renal Disease" Rene Cuadra, M.D.

"Correlation of Peak Troponin Level and Functional Recovery in Stress-induced (Takotsubo) Cardiomyopathy" Manova David, M.D., Pradeep Manoharan, M.D.

"Topical Nitroglycerine Treatment for Radial Artery Spasm Prevention (TNT-RASP)" Manova David, M.D., Pradeep Manoharan, M.D., Sharan Rufus, M.D.



CONTINUING MEDICAL EDUCATION: 2017

Aultman Hospital is accredited by the Ohio State Medical Association (OSMA) to provide Continuing Medical Education (CME) programs that meet the needs and interests of the medical staff in our community and network service area for every physician's continued success. In 2015, Aultman Hospital Medical Education received a six-year accreditation with "commendation" from the OSMA. This is the third consecutive time that Aultman received the maximum of six years. The OSMA noted, "This is a super, well-organized and well-documented program."

In 2017, 27 activities and six regularly scheduled conference series (RSC) were sponsored for a total of 154 instruction hours. These were attended by 2,111 physicians and 1,261 non-physicians. The use of the competency assessment forms was the most common tool to measure change in physician competence.

Various hospital departments offered Category 1 CME programs:

- Medical Education Grand Rounds were offered at La Pizzaria as follows:
 - Acute Stroke Care: Beyond IV TPA
 - Clinical Documentation Improvement Seminar
 - Current Status of Transcatheter Aortic Valve Replacement
 - Determining Status and Level of Care Made Easy
 - Utility of Low Dose CT for Lung Cancer Screening – The Aultman Experience

- The Cancer Center sponsored:
 - The 16th Annual Cancer Conference on Sept. 17, 2017. The symposium focused on screening guidelines for cancer, the role of integrative oncology for cancer patients, intraoperative radiation therapy for breast cancer and advances in the treatment of ovarian cancer, neuroendocrine malignancies and brain metastases. More than 50 physicians attended the half-day symposium.

- The Perinatal Department sponsored:
 - The following transport conferences were taken to area hospitals such as Aultman Orrville, Aultman Alliance Community, Pomerene, Union and SE Ohio Regional Medical Center:
 - > Maternal Morbidity and Mortality (with a Focus on the Hemorrhage Bundle)
 - > And with Proper Medication, They Lived Happily Ever After
 - The 12th Annual Perinatal Symposium was held on Nov. 11, 2017, with 110 physicians and non-physicians in attendance.

- The challenges in health care today create a special need for great physician leadership. In response to this need, the Medical Staff Office provided an annual Physician Leadership Summit for those physicians in leadership rolls.

- The MSO assisted physicians and other health care workers with improving clinical documentation by sponsoring four offerings on the topic.

- Regularly scheduled conferences were available:
 - Multidisciplinary Breast Tumor Conference I was held on the second, fourth, and fifth Friday mornings of every month.
 - Multidisciplinary Breast Tumor Conference II was held on the first and third Thursday afternoons of every month.
 - Multidisciplinary Thoracic Tumor Conference was held on the first and third Wednesday mornings of every month.
 - Multidisciplinary Tumor Board Conference was held every Friday morning.

Aultman jointly sponsored Alliance Hospital's tumor boards as a regularly schedule conference series. Twelve sessions were held with 82 physicians attending.



RESIDENT RESEARCH PROJECTS PRESENTED AT THE 30TH RESIDENT RESEARCH DAY – MAY 22, 2018

ORAL PRESENTATIONS

Analysis of Post-Partum Compliance to Diabetic Testing

Jennifer Roberts-Merriman, D.O.

Obstetrics and Gynecology Residency Program, Aultman Hospital, Canton, Ohio

Evaluation of Antibiotic De-escalation Based on Culture Susceptibilities in an Academic Medical Center: A Retrospective Review

Colton Hill, Pharm.D

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

Utilization of Pharmacist Visits in Reducing Potentially Inappropriate Medications (PIMs) in Hospice Patients

Allie Dolan, Pharm.D

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

Outcomes of ACL Reconstruction Using Biologic Augmentation in the Adolescent Patient

Anthony Berdis, D.O.

Orthopaedic Surgery Residency Program/NEOMED, Aultman Hospital, Canton, Ohio

Valsalva Maneuver: An Essential Diagnostic Tool or Life-threatening Maneuver? Rare Case of Intraoperative Spontaneous Coronary Perforation in a Hypertrophic Cardiomyopathy Patient

Prabhakaran Gopalakrishnan, M.D.

Cardiovascular Disease Fellowship Program, Canton Medical Education Foundation/NEOMED, Canton, Ohio

Assessment of Insulin Regular Versus Insulin Lispro for Use as a Sliding Scale Insulin and the Incidence of Hypoglycemia

Nick Keller, Pharm.D

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

ORAL PRESENTATION WINNERS:

First Place:

Outcomes of ACL Reconstruction Using Biologic Augmentation in the Adolescent Patient

Anthony Berdis, D.O.

Orthopaedic Surgery Residency Program/NEOMED, Aultman Hospital, Canton, Ohio

Second Place:

Assessment of Insulin Regular Versus Insulin Lispro for Use as a Sliding Scale Insulin and the Incidence of Hypoglycemia

Nick Keller, Pharm.D

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

POSTER PRESENTATIONS

Semi-Quantitative Analysis of Factors Influencing Parallax Error During Fluoroscopy Guided Common Femoral Artery Puncture – A Phantom Study

Prabhakaran Gopalakrishnan, M.D.

Cardiovascular Disease Fellowship Program, Canton Medical Education Foundation/NEOMED, Canton, Ohio

Redefining the Fluoroscopic Landmarks for Common Femoral Arterial Puncture During Cardiac Catheterization: A CT Angiogram Study

Prabhakaran Gopalakrishnan, M.D.

Cardiovascular Disease Fellowship Program, Canton Medical Education Foundation/NEOMED, Canton, Ohio

Can the Use of Na Extra-long Hydrophilic Sheath Improve Procedural Success During Trans Radial Cardiac Catheterization?

Prabhakaran Gopalakrishnan, M.D.

Cardiovascular Disease Fellowship Program, Canton Medical Education Foundation/NEOMED, Canton, Ohio

Lung Cancer Screening Improvement Project

Rajvir Singh, M.D.

Family Medicine Residency Program, Aultman Hospital, Canton, Ohio

Hypertension Planned Visit

Keyvan Rashidi, M.D., Deepthi Surineni, M.D.

Family Medicine Residency Program, Aultman Hospital, Canton, Ohio

Obstetric Model of Induction of Labor: Does Time of Labor Induction Affect Patient Satisfaction?

Bryant Johnson, D.O.

Obstetrics and Gynecology Residency Program, Aultman Hospital, Canton, Ohio

Implementing Behaviors Toward Promoting Resident Wellness

Keary Johnson, M.D.

Obstetrics and Gynecology Residency Program, Aultman Hospital, Canton, Ohio

Effectiveness of Postpartum Education in the ICU Setting

D. Cameron Rice, D.O.

Obstetrics and Gynecology Residency Program, Aultman Hospital, Canton, Ohio

Analysis of the Relationship Between Serum Vitamin D Levels and Fall Risk in Geriatric Patients in the Post-acute Care Setting

Brittany Yu, Pharm D.

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

The Importance of Clinical History: A Unique Case Report of Myotonic Dystrophy Causing Bilateral Anterior Temporal Lobe White Matter Changes

David Angari, M.D.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Is Meckel's Diverticulum on Your Differential Diagnosis of an Adult with Abdominal Pain?

Alyssa Glover, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Ischiofemoral Impingement Syndrome: A Reason Not to Blame Degenerative Changes for Hip Pain in Elderly

Alyssa Glover, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

When Good Blood Vessels Go Bad

Jami Lyon, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Clinical and Radiological Features of Dysphagia Lusoria

Alyssa Glover, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

A Case Report of a Rare Adrenal Collision Tumor

David Angari, M.D.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

An Image-guided Option of Preserving Fertility in Cesarean Section Scar Pregnancy in the Rural Hospital Setting

Nicholas Shaheen, M.D.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Traumatic Atlantoaxial Rotary Subluxation in Adults: A Rare Case

Alyssa Glover, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Biliary Stent Small Bowel Obstruction

Jeremy Wachenschwanz, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

A Rare Incidental Finding: Left Axillary Vein Saccular Aneurysm

Jeremy Wachenschwanz, D.O.

Diagnostic Radiology Residency Program, Aultman/Mercy/NEOMED, Canton, Ohio

Not All Chest Pain is Cardiac: Esophageal Necrosis, a Rare Sighting in the Coronary Care Unit

Pradeep Manoharan, M.D.

Internal Medicine Residency Program, Canton Medical Education Foundation, Canton, Ohio

Zero Platelets: No Need to Push the Panic Button! A Conservative Approach can be Curative

Gloria Koomson, M.D.

Internal Medicine Residency Program, Canton Medical Education Foundation, Canton, Ohio

Acquired Factor VIII Inhibitor Presenting as a Neurologic Emergency

Haroon Rehman, M.D.

Internal Medicine Residency Program, Canton Medical Education Foundation, Canton, Ohio

Flexor Retinaculum Repair Following Posterior Tibial Tendon Dislocation: Technical Tip and Case Study

Frederick Korpi, D.O.

Orthopaedic Surgery Residency Program, Aultman Hospital/NEOMED, Canton, Ohio

POSTER PRESENTATION WINNERS:

First Place:

Analysis of the Relationship Between Serum Vitamin D Levels and Fall Risk in Geriatric Patients in the Post-acute Care Setting

Brittany Yu, Pharm D.

Pharmacy Residency Program, Aultman Hospital, Canton, Ohio

Second Place:

Traumatic Atlantoaxial Rotary Subluxation in Adults: A Rare Case

Alyssa Glover, D.O.

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