



# **Department of Internal Medicine and Neurology**

## **Annual Report**

**July 1, 2022 – June 30, 2023**

Glen D. Solomon, MD, MACP  
Professor and Chair

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## Statement from the Chair/Associate Dean

For the Department of Internal Medicine and Neurology, 2022-23 was another strong year. We have continued to excel at our three key missions – teaching, patient care, and scholarly activity.

After several challenging years, in 2022-3 we had some easing of the impact of COVID-19. The incredible efforts put forward by our Infectious Diseases and General Internist physicians, with the support of our residency program, allowed for excellence in patient care and positive financial performance.

The unexpected closing of our long-time home in the Weber Building placed an additional burden on an already stressed faculty and staff. The Department showed great resiliency and cohesiveness in moving to smaller quarters on relatively short notice.

The Section of General Internal Medicine has been strained by fewer faculty and increased workload. We have added one faculty member. We have partnered with the MVH Hospitalist group to help cover our inpatient service needs. This partnership has been mutually beneficial and has the potential for further development.

The impact of the coronavirus pandemic on the Department of Medicine has been reduced. While hospital census has been high throughout 2022-3, the impact on the IM teaching service has been modest. The residency program has increased its patient cap and restructured the admission system to maintain a higher daily census.

Our relationships with our clinical partners continue to be solid. The VA has increased its specialty faculty in Cardiology and Gastroenterology. Patient care and resident/fellow education are likely to benefit. Our relationship with the Air Force/Wright-Patterson Medical Center remains strong. Financial constraints at Premier have led to some stressors within the residency programs as meal benefits were cut. Attempts to move forward with city-wide fellowship programs and the development of new programs (i.e., critical care) have been put on temporary hold by our clinical partners.

Academically, the Department continues to be successful. Fifteen percent of Boonshoft School of Medicine students applied for residencies in Internal Medicine, more than any other specialty. Four of these students elected to stay in the Wright State University IM program, the most in at least the past 15 years. This reflects the quality of our faculty and residents and highlights the great work of our clerkship director, Dr. McCoy. Our students' scores on their Step 2 examinations reflect the strong teaching in the clerkships. Our IM and Neurology residencies had solid board pass rate and strong In-Training Examination scores. The residency match went well for both residencies.

The scholarly productivity of the Department has continued to grow, with over 200 resident presentations and publications this year. Several members of the Department published papers in peer-reviewed journals. Regional and national recognition of the faculty grew with presentations at major national meetings. Several residents had submissions at national and chapter meetings of the American College of Physicians and other specialty societies, with several residents earning awards for their work.

We have continued funded research activity within the Department through statewide cardiovascular disease and diabetes best practices collaboratives (MEDTAPP). We will have funding for this project through June 2025.

2023 marked my fifteenth year as Chair of the Department of Internal Medicine. I have been blessed to lead a group of superb clinician-educators. Together we have accomplished a great deal, but we still have much to do to improve the health and quality of life of our patients and our community.

### **Department of Medicine Awards**

Dr. John Arthur – Intern of the Year Award

Dr. Tony Mrozek – Outstanding Teaching Resident in the 2<sup>nd</sup> year class

Dr. Nick Eisenberg – Outstanding Teaching Resident in the 3<sup>rd</sup> year class

Dr. Joseph Duren – Wright Patterson Outpatient MVP Award

Dr. Nick Eisenberg – Award for Military Excellence

Dr. Nick Zingas – FRHC Making a Difference Award

Drs. Alexa Lyman & Libby Willis – The Winning Attitude Award

Dr. Nate Ford – The Mighty Raider Award

Dr. Yoni Dollin – Charles E. Payne, Jr., Award for Scholarly Activity

Dr. Emma Dunn – The Dr. H. Barrett Bolton Award for Humanism

Dr. Mehdi Shadmand – The Dr. Mukul Chandra Good Heart Award

Dr. Josh McRae – The Dr. Rajnish Dhingra Annual Scholarship Award

Dr. Tom Koroscil Jr. – Inpatient Faculty Teaching Excellence Award

Dr. Alex Kobzik – Critical Care Faculty Teaching Excellence Award

Dr. Kelsey Wilson – Ambulatory Faculty Teaching Excellence Award

Dr. Kelsey Wilson – Outstanding Faculty Teacher of the Year Award

Dr. Kelsey Wilson – The Residents’ Award for Excellence

Dr. Vaskar Mukerji – The Program Director’s Award for Excellence

Dr. Dean Bricker – The Chairman’s Award for Excellence

Graduating Chiefs – The Chief Resident Recognition Award for Leadership, Service, and Education.

## 2 Programs/Divisions

<b>Name of Division or Program</b>	<b>Director</b>	<b>Dates</b>
<b>3<sup>rd</sup> Year Internal Medicine Clerkship, 4<sup>th</sup> Year Medical Students Electives</b>	Luke McCoy, MD	Jan. 1, 2019 -
<b>3<sup>rd</sup> Year Neurology Clerkship, 4<sup>th</sup> Year Neurology Med Student Electives</b>	Cassandra Milling, MD	2018 -
<b>Internal Medicine Residency Program</b>	James Lamb, MD	Sept. 1, 2020 -
<b>Neurology Residency Program</b>	Bradley Jacobs, MD	July 1, 2014 -
<b>Gastroenterology Fellowship Program</b>	Sangeeta Agrawal, MD	June 1, 2012 -
<b>Hematology/Oncology Fellowship Program</b>	Howard Gross, MD	October 1, 2011 -
<b>Infectious Diseases Fellowship</b>	Katelyn Booher, DO	Aug. 1, 2020 -
<b>Division of Cardiology</b>	Vaskar Mukerji, MD	Aug.2013 -
<b>Division of Endocrinology</b>	Thomas Koroscil, MD	July 2004 -
<b>Division of Gastroenterology</b>	Sangeeta Agrawal, MD	June 2010 -
<b>Division of General Internal Medicine</b>	Kerianne Springer, MD	October, 2020 -
<b>The Division of Hematology/Oncology</b>		
<b>Division of Infectious Diseases</b>	Steve Burdette, MD	Jan. 2020 -
<b>Division of Nephrology</b>		
<b>Division of Nuclear Medicine</b>		

<b>Name of Division or Program</b>	<b>Director</b>	<b>Dates</b>
<b>Division of Pulmonary/Critical Care Medicine</b>		
<b>Division of Pulmonary/Critical Care Medicine</b>	Joshua Scott, MD	July 1, 2019 -

### 3 Fully Affiliated Faculty (may be the same as #2 above for some depts)

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Ajay Agarwal, MD Professor Associate Clerkship Director	Clinical and interventional cardiology	Coronary artery disease and risk factors Valvular heart disease Antiplatelet agents
Alok Agrawal, MD Clinical Assistant Professor	Chronic Kidney Disease (CKD) Hypertension Electrolytes Acid-base disorders	
Sangeeta Agarwal, MD Professor Division Director – Gastroenterology Director – Gastroenterology Fellowship VAMC Chief, Gastroenterology Section	Esophageal motility disorders Barrett’s esophagus and esophageal cancer Obesity related GI disorders GI Bleeding Hospital readmissions	Biomarkers of Barrett’s and esophageal cancer Gut Microbiota GI diseases Colorectal cancer
Tiba Alwardi, MD Assistant Professor		
Mamle Anim, MD Associate Professor Vice Chair, Ambulatory Education Chief Medical Officer Five Rivers Health Center	Chronic disease health outcomes Sickle Cell Disease	Resident Education Sickle Cell Disease Patient Centered Medical Home
Rey Arcenas, MD Assistant Professor	Management of heart failure Pulmonary hypertension	Project improvement research
Karen Arkin, MD Assistant Professor	General Neurology	Clinical general neurology topics, esp. dementia and movement disorder, borderland of neurology and psychiatry

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Steven Arkin, MD Assistant Professor	Vascular Neurology	Vascular Neurology
Catherine Bacheller, MD Assistant Professor		
Loveleen Bains, MD Assistant Professor	Ethics	Ethical decision making
Chris Barde, MD Clinical Professor		
Genevieve Bates, MD Assistant Professor		
Ronald Beaulieu, MD Assistant Professor	Preventative Medicine	Clinical Informatics
Gregory Beck, MD Clinical Associate Professor		
Valerie Bedsole, MD Assistant Professor		
Sonia Bennett, MD Assistant Professor	General Adult Endocrinology	
Catherine Blasser, DO Assistant Professor		
Michael Bonnet, PhD Professor - Neurology	Sleep Medicine	Sleep and sleep disorders
Katelyn Booher, DO Assistant Professor Program Director, ID Fellowship	Orthopedic Infections HIV Management	Clinical outcomes with shorter antibiotic durations
Dean Bricker, MD Associate Professor Executive Vice-Chair Associate Program Director – Internal Medicine Residency	Graduate medical education teaching and administration Medical student teaching/mentoring Curriculum development Faculty development Leadership	Clinical research in internal medicine Medical App development Applications of Motivational interviewing Global Medicine Medical Missions
Jordan Brooks, MD Assistant Professor		
Gregory Buchek, MD Assistant Professor Chief of Infectious Disease WPAFB	Infectious Disease Military Medicine	MDRO COVID-19 Infection Control
Steven D. Burdette, MD Professor Chief of Infectious Diseases Medical Director of ID for GMH and SOIN MC Director of Antibiotic Stewardship MVH and	Orthopedic infections, infection in the ICU	Antimicrobial stewardship

Name and Academic Position	Clinical Interests	Research Interests
Premier Health Director of Infection Prevention MVH Director of Infection Prevention OVSC Director of TB, Greene County		
Brian Burke, MD Assistant Professor  VAMC Chief, Diabetes Section Lead Physician, Heart Failure Clinic VAMC		
Kathryn Burtson, MD Associate Professor Associate Program Director WPAFB Internal Medicine Residency Program Director		
Amandeep Chahal, MBBS Assistant Professor  VAMC Acting Chief, Hospitalists		
Yanfang Chen, MD  Associate Professor  Esteban Cheng Ching, MD Assistant Professor Director of Vascular Neurology Fellowship Director of Stroke Program, outpatient div. Director of Telestroke program	Stroke Care Endovascular Interventions in Stroke Cerebrovascular Diseases Intracranial Aneurysms	Stroke Care Endovascular Interventions in Stroke Cerebrovascular Diseases Intracranial Aneurysms
Roberto Colón, MD Associate Professor	High Value Care Hospital Medicine	Academic support systems Electronic integration in medical care High Value Care Academic Medicine
Chad Connor, MD Assistant Professor  WPAFB Chief of Cardiology	Pediatric and adult congenital arrhythmia management	Pediatric and adult arrhythmia management
Daniel Cybulski, MD  Assistant Professor Eddie Davenport, MD  Clinical Assistant Professor Chief of Cardiology and Flight Surgeon USAF Surgeon General Chief Consultant for Aerospace Cardiology	Occupational Cardiology in military aircrew	Cardiovascular risk prediction for astronaut selection and monitoring during prolonged spaceflight. Specific risk prediction needs of the astronaut population. ACLS program Director for USAF School Aerospace Medicine

Name and Academic Position	Clinical Interests	Research Interests
		USAF Chief of Telecardiology
Richard Davis, MD Assistant Professor		
Freesia Dhingra MBBS Assistant Professor		
Sarah Dietz, MD Instructor		
Doug Einstein, MD Clinical Associate Professor KMC Medical Director and Chairman of Radiation Oncology	Intensity Modulated Radiation therapy Gamma Knife Radiosurgery Stereotactic body Radiosurgery	Novel applications of intracranial and extracranial radiosurgery Neuro-Oncology Radiotherapeutics Functional imaging optimization in radiotherapy.
Jason Faber, MD Assistant Professor		
Ahmed Fathy, MBChB		
Adam Fershko, MD Assistant Professor		
Aven Ford, MD Assistant Professor WPMC Chief of Neurology Element	Neurology Headache medicine Procedural medicine Movement disorder	Non-pharmacologic treatments of headache
Caelan Ford, MD Assistant Professor Medical Director, WP Sleep Lab	Sleep Medicine Neurology	Shift work Circadian rhythm disruption Sleep deprivation (acute and chronic) and performance
Gordon Gataric, MD Assistant Professor		
David Geottman, MD Assistant Professor	General Internal Medicine Hospitalist Medicine	
Ankur Gupta, MD Associate Professor Associate Clerkship Director & Associate Program Director Internal Medicine Residency Program VA Chief of Endocrinology VA Medical Director Simulation Center	Thyroid Adrenal Pituitary Bone Hormone	Thyroid Hormones Bone Diabetes



<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Gregory Haack, MD Assistant Professor IM Residency Clinic Medical Director	Clinician/educator for IM residents and students in the inpatient and outpatient settings	Cost associated with specialty care-are the costs saved by having med-level providers in the primary care setting offset by the costs associated with increased specialty referrals.
Charles Hall, MD Assistant Professor		
Shailaja Hari, MBBS Assistant Professor		
Timothy Hauser, MD Assistant Professor WPAFB Chief of Pulmonary Medicine		
Robert Hawkins, MD Associate Professor		
H. Bradford Hawley Professor Emeritus	Adult infectious diseases Clinical microbiology Infection control	Antimicrobial susceptibility Epidemiology of infectious diseases
Thomas Herchline, MD Professor of Medicine	General Infectious Diseases Tuberculosis STD's HIV COVID-19	Public Health Global Health Immigrant and Refugee Health Epidemiology COVID-19
Leonard Horwitz, MD Assistant Professor	General Hematology Malignant Hematology Solid tumor oncology	ALCHEMIST trials Surgically resected early stage non-small cell lung cancer
Borislav Hristov, MD Assistant Professor WPAFB Radiation Oncology Chief	Oncology Radiation Oncology	Head and Neck cancer Radiobiology Radiation physics
Yoichi Imamura, MD Assistant Professor		
Bradley Jacobs, MD Professor Professor -School of Graduate Studies Neurology Residency Program Director	Acute Stroke Management Stroke Prevention Hypercoagulability	Acute Stroke Management Stroke Prevention Stroke Biomarkers Nutrition
Martin Jacobs, MD Clinical Associate Professor	Thyroid Diseases Osteoporosis Oncologic, cardiac, and neurologic nuclear medicine	Novel PET tracers for tumor imaging

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Sudha Jaganathan, MBBS Assistant Professor		
Timothy Janz, MD		
Damanjeet Kahlon, MBBS Assistant Professor		
Saad Kanaan, MD	Headaches Migraine Cluster headache Trigeminal neuralgia	
Devin Kelly, DO Assistant Professor	MDRO Bone and joint infections	Infection Control Antimicrobial Stewardship
Eric Karr, DO Assistant Professor		
Richard Kim, MD Assistant Professor		
Matthew Koroscil, MD		
Thomas A. Koroscil, MD		
Thomas M. Koroscil, MD Associate Professor Division Director-Endocrinology	General adult endocrinology	Clinical projects related to my patient care
Padmini Krishnamurthy, MD Assistant Professor	Hepatology	Hepatocellular cancer Hepatitis C Cirrhosis Portal Hypertension
Geetika Kumar, MD Associate Professor VA Section Chief Hematology/Oncology H/Onc Fellowship Associate Prog. Director	Improve quality of care	QI Projects and DCOP study participation
James Lamb, MD Associate Professor Associate Professor – Geriatrics Residency Program Directo	Graduate Medical Education Physical Examination Diagnostic Reasoning Doctor-Patient relationship Keeping up with medical literature Clinical decision making in the older patient	Graduate Medical Education Physical Examination Diagnostic reasoning Doctor-patient relationship Clinical decision making in the older patient
Bradley Lloyd, MD Professor		
Shachi Lovekar, MBBS Assistant Professor		
Brian Ludwig, MD		

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Assistant Professor		
Jerry Majers, DO Assistant Professor		
Albert Malcom, MD Assistant Professor		
Ronald Markert, PhD Professor Vice Chair for Research		Provide guidance with research designs and methods, statistical analysis, and abstract/manuscript preparation
Syed Masood, MBBS Assistant Professor		
Prem Mathai, MD Assistant Professor		
Luke McCoy, MD Assistant Professor Internal Medicine Clerkship Director	General Internal Medicine Hospital Medicine Cystic Fibrosis Care Endocrinology Global Health	Medical Education Cystic Fibrosis
Alyssa McManaman, MD Associate Professor		
Jennifer Mejilla, MD Instructor		
Luke Menner, MD Assistant Professor		
Kennon Miller, MD Assistant Professor		
Cassandra Milling, MD Assistant Professor Neurology Clerkship Director	Epilepsy, Sleep Medicine, General Neurology	Epilepsy (non-epileptic seizures, non-convulsive status, nocturnal seizures, the use of the sleep EEG in the pre-surgical evaluation of epilepsy).
Basanti Mukerji, MD Professor VAMC Chief of Rheumatology	Diagnosis and treatment of Rheumatologic diseases including Rheumatoid Arthritis, the HLA B 27 group of arthritis, Systemic Lupus Erythematosus, Sjogren's Syndrome, the Vasculitis Spectrum, Arthritis with viral and other infectious organisms, Osteoporosis	Association and prevalence of cardiovascular disease in patients with Rheumatoid Arthritis vs patients with Osteoarthritis
Vaskar Mukerji Professor Division Chief – Cardiology		

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Thomas Murphy, MD Assistant Professor		
Glen Nagasawa, MD Assistant Professor		
Selim Newaz, MD Assistant Professor		
Perry Nystrom, MD Associate Professor		
Thad Ocampo, MD Assistant Professor WPAFB Chief of Allergy-Immunology		
Amith Parekh, MBBS Assistant Professor		
Anal Parikh, MD Assistant Professor		
Chirag Patel, MD Clinical Assistant Professor WSU Hospice & Palliative Care Site Director		
Andrew Paulus, MD Assistant Professor WPAFB Director, Diabetes Care	General endocrinology Thyroid cancer Diabetes	Inpatient Diabetes
Daniel Pearson, MD Assistant Professor		
Hari Polenakovik, MD Professor MVH Medical Director for Epidemiology	Infection control and prevention/hospital acquired infections Device related infections Cystic fibrosis Pneumonia / Influenza	Hospital acquired infections Device related infections Cystic fibrosis Pneumonia Influenza
Ania Pollack, MD Associate Professor		
Kiran Poudel, MD Assistant Professor		
Rajan Prakash, MBBS Instructor		
Rebecca Ramirez, MD Assistant Professor		
Marc Raslich, MD Associate Professor Medical Director of the WrightCare acute medical clinic Medical Director, WSU Student Health	Primary care of both adults and children Acute care for adults and children	Incorporation of evidence-based medicine into clinical decision making – Diagnosis, Prognosis Clarification of sensible statistical methods for practicing physicians –

Name and Academic Position	Clinical Interests	Research Interests
Dara Regn, MD Assistant Professor WPMC Chief of Sleep Medicine Clinic WPMC Associate Director of Cardiopulmonary Technician Program		interpretation of common statistical methods in medical literature
Marc Rich, MD Professor		
Maritza Rivera, MD Clinical Assistant Professor		
Martin Satter, PhD Associate Professor		
Amy Schimke, MD Assistant Professor		
Meike Schipper, MD Associate Professor		
Lyndetta Schwartz, MD Clinical Associate Professor Associate Chair of Medicine		
Joshua Scott, DO Assistant Professor WPMC Chief of Rheumatology	Rheumatoid arthritis Vasculitis Connective tissue associated lung disease	Rheumatologic associated pulmonary rehabilitation Comparative efficacy of DMARD therapy
Pankaj Sharma, MD Assistant Professor		
Bingzhi Shi, MD		
John Shrader, MD Clinical Professor Director of Medical Education, KMC Associate Clerkship Director IM, WSUBSOM	Geriatrics (Board-certified)	
Ryan Simon, MD Assistant Professor	Pediatric infectious diseases Adult cystic fibrosis General ID	
Disha Singla, MBBS Assistant Professor		
Michael Smith, MD Assistant Professor		
Robert T. Smith, MD Clinical Professor KMC Vice President Medical Affairs DIO of Kettering Health Network	Wellbeing-have initiated wellbeing rounds. This is interdisciplinary with nursing, chaplains and medical staff. Focused on personal and	Wellness / well-being

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Chief Medical Officer for KMCS Vice President for CME for KHN	clinical wellbeing of staff including physician, resident/fellows and students Bioethics	
Cynthia S. Solomon, BS Pharm, R Ph Clinical Associate Professor	Incorporating COVID-19 issues in tobacco control efforts. Establishing modified CV risk Cannabidiol (CBD) Diabetes-Cardiovascular best practice	Air pollution and smoking Diabetes and Smoking Smoking and COVID-19 Smoking and LONG COVID
Glen Solomon, MD Professor and Chair – IM and Neurology	Headache medicine, COVID-19, Medical Cannabis, Tobacco Use Disorder	Headache Medicine, COVID-19, Medical Cannabis, Tobacco Use Disorder
Timothy Sorg, MD Associate Professor	Infectious Disease	Hospital regulatory and accreditation standards
Kerianne Springer, MD Assistant Professor Director of Ambulatory Medicine Director of Resident Wellness	Improving resident knowledge of outpatient topics & clinical skills Preparing residents for practice after residency Improving screening practices in the community through patient & resident education Transitioning special needs patients from pediatric to adult medicine	
Sangeeta Srivastava, MD Assistant Professor Assistant Chief, VA Medical Services		
Brittany Staarman		Undergraduate medical education Student advising
Elizabeth Stewart, MD Assistant Professor		
Fadi Tayim, PhD Clinical Assistant Professor Director, CNSI Brain Mapping Center	Brain Mapping Neurology-Oncology Epilepsy Parkinson's	
John Terry, MD Associate Professor		
Anju Venkatesh, MBBS Assistant Professor		
Abdul Wase, MD Clinical Professor		

<b>Name and Academic Position</b>	<b>Clinical Interests</b>	<b>Research Interests</b>
Jon Williams, DO Assistant Professor	Autoimmune neurology Multiple Sclerosis Paraneoplastic disorders General neurology	Central inflammatory disorders, disease modules Central inflammatory disorders, epidemiological/clinical studies Neural stem cell biology Neuromyelitis Optica spectrum Neurosarcoid Neuro-oncology
Kelsey Wilson, DO Assistant Professor Core Faculty – CCC Chair Military Ambulatory Clinic Director WPAFB Staff Internal Medicine Physician WPAFB		
Paige Wood, MD Assistant Professor		
Roger Wood, MD Assistant Professor WPAFB Director, Cancer Care Center		
Burhan Yanes, MD Clinical Assistant Professor WSU Hematology/Oncology Site Director		
Jason Yap, MD Assistant Professor		

## 4 Teaching

Ajay Agarwal, MD

Medical Students:

- Third year Clerkship
- Subspecialty attending-Cardiology
- Bedside teaching
- Teaching in ambulatory settings
- Advisor for 3 students
- Teaching in small groups

Residents/Fellows

- Regularly taught residents and fellows during their rotations, involving them in research activities

Sangeeta Agrawal, MD

Graduate Student Education:

- Faculty member of graduate school and Biomedical Sciences Ph.D. Program
- Supervised thesis of a Ph.D. student Reilly Clark (thesis is now complete)

Medical Students:

- Subspecialty attending for Third year Clerkship
- Faculty sponsor for two medical student research posters

Karen Arkin, MD

Medical Students:

- 4<sup>th</sup> year medical students during morning report

Residents/Fellows:

- Consulting or attending general neurology-teaching interns in IM, psychiatry and neurology
- Attending neurology residents years 2-4

Steven Arkin, MD

Medical Students:

- Year 4 elective – Stroke service

Residents/Fellows:

- Morning report for Psychiatry residents, IM residents, and Neurology residents
- Teaching rounds on Neurology stroke service
- Resident Neurology noon conference on stroke service

Catherine Bacheller, MD

Residents/Fellows:

- Core faculty for Internal Medicine residency program

Sonia Bennett, MD, MPH

Residents/Fellows:

- Resident Endocrinology rotation (Kettering IM residents, WSU IM residents, WSU family medicine residents)
- Daily morning didactics
- Type 1 diabetes and CMG technologies (Noon conference)
- Hyperprolactinemia (Noon conference)
- Type 2 diabetes medications (Noon conference)
- Hypothyroidism (Noon conference)



Katelyn Booher, DO

Medical Students:

- Year 4 ID elective faculty
- Year 3 ID Clerkship
- FRHC HIV outpatient clinic
- Faculty Panel for Boonshoft Student Interest Group, Internal Medicine
- IM Career Night faculty participant
- Presented “Bugs and Drugs” PI, 1/30/23
- RBC and related infections, 10/2022

Residents/Fellows:

- ID fellowship program director (1 – R4 & 1 – R5 ID Fellow)
- Surgical Critical Care fellow (one fellow per year) 4-week rotation

CME

- Presented “Maintaining Work / Life Balance” at MVH, Bieser Auditorium (Jan. 24, 2023) for 1 CME credit

Lecture

- Led seminar for Compunet microbiology lab, review of three educational cases.

Dean Bricker, MD

Medical Students:

- Ward attending/teaching – 3<sup>rd</sup> and 4<sup>th</sup> year medical students (July 2022, Aug 2022, Nov 2022, Jan 2023, Feb 2023, April 2023, May 2023, June 2023)

Residents/Fellows:

- Ward attending/bedside teaching of IM residents (July 2022, Aug 2022, Nov 2022, Jan 2023, Feb 2023, April 2023, May 2023, June 2023)
- Morning conference daily (July 2022 – June 2023)
- Attend/Instruct resident and student morning report (July 2022 – June 2023)
- Attend/teach Noon Conferences, daily
- Facilitate small groups/team-based learning at resident forum weekly
- Revamped Motivational Interviewing module, Thursday mornings, July 2022- June 2023
  - Co-lead with Paul Hershberger, PhD, Dept. of Family Medicine and Angie Castle, MA, Dept. of Family Medicine
- Resident advising: 5 medical residents

Gregory Buchek, MD

Residents/Fellows:

- Supervised residents (IM wards attending and ID consultant rotation)

Steven Burdette, MD

Medical Students:

- 4/10/23 MSI Staying Alive - Carditis
- 3/20/23 MSI BBP Orientation
- 3/24/23 MS III Clinical Medicine: Antibiotics Stewardship
- 1/25/23 MS I Host and Defense – Antibiotics 1
- 1/10/23 MS II Neuro Course – CNS Infections

Residents/Fellows:

- Fungal Pneumonia – ID Fellows April 2023
- Overlap of IC and ASP – ID Fellows June 2023
- ICU Monthly Lecture
  - Topics included PCN allergy, OPSI, antibiotic overview.

Lectures

- Candida auris – Miami Valley Hospital Grand Rounds, June 2023
- Candida auris - The Ohio Society for Post-Acute and Long-Term Care Medicine. June 2023.
- Fundamental Critical Care Support Sepsis Lecture 3/23, 6/23, 8/22
- 10/25 UD PA Students: C diff, BBP, COVID, antibiotic overview
- 11/3/23 Surgical Grand Rounds: Infections in the Surgical World: 2022.
- “Respiratory tract infections in LTAC.” The Ohio Society for Post-Acute and Long-Term Care Medicine. December 2022.
- IPE Outbreak simulation – WSU (Cedarville, UD, PH) – Smallbox simulation

Webinars

- Multiple lectures for Fidelity APP's from topics including COVID, meningitis, HIV, PCN allergies, UTI's

Kathryn Burtson, MD

Medical Students:

- WSU Research Coordinator
- Matched medical students to local research projects
- Preceptor, Medical Services Unit
- Preceptor, Internal Medicine Clinic

Residents/Fellows:

- Graduate student education including thesis supervision
- Preceptor, Interservice PA Program
- Preceptor, UC Family Nurse Practitioner Program
- Curriculum development POCUS for Internal Medicine
- Chief Curriculum-created 12 monthly faculty development sessions for annual Chief Residents, APD's, PD, and Department Chair.

Esteban Cheng-Ching, MD

Residents/Fellows:

- Director, of Vascular Neurology & Neurointerventional Surgery Fellowship
- Director of Neurointerventional Division
- Training Vascular Neurology Fellows
- Vascular Neurology fellowship journal club
- Vascular Neurology lecture series
- Neurology residency board review

Ankur Gupta, MD

Medical Students:

- Endocrine Course lecturer
- Associate Clerkship Director
- Endocrine rotation for medical students at VAMC and WSP endocrine clinic
- Advisor for medical students

Residents/Fellows:

- Noon conference lectures at VAMC
- Procedure workshop, Simulation Center at Dayton VAMC
- Advance Simulation Interprofessional Fellowship Program, VISN 10

Gregory Haack, MD

Medical Students

- Assist with education for 4<sup>th</sup> year medical students rotating at IM resident clinic (Five Rivers) and on IM inpatient service at Miami Valley Hospital
- Assist with education for 3<sup>rd</sup> year medical students rotating at IM resident clinic (Five Rivers) and on IM inpatient service at Miami Valley Hospital

Residents/Fellows

- 10 weeks (Planned) of IM inpatient staff service at Miami Valley Hospital. 4-8 half days per week typically of precepting IM resident clinic at Five Rivers

Harrison Hawley, MD

- Infectious Disease Journal club monthly – fellows and faculty
- Infectious Disease Case Conference monthly-students, residents, fellows, and faculty

Thomas Herchline, MD

Medical Students:

- Foundations – Global Health Foundations Co-Director
- Foundations – GI Infections (Peer Instruction)
- Foundations – Antibiotics (Peer Instruction)
- Foundations – HIV (Team Based Learning)

- Foundations – Lower Respiratory Infections (Peer Instruction)
- Interprofessional Experience – Outbreak Experience Facilitator
- Faculty Mentor for Student Research
  - Dawn Szeltner, Outcomes and risk factors for bradycardia in patients with COVID-19

Residents/Fellows:

- Attending for Fellow in Infectious Diseases Outpatient Clinic
- Antivirals (ID Fellows Board Review)

CME

- Multicultural Medicine, Dept. of Internal Medicine Workshop

Bradley Jacobs, MD

Medical Students:

- Neuroscience Clerkship (NRL-891) attending physician and preceptor for 3<sup>rd</sup> and 4<sup>th</sup> year medical students
- Weekly Neurology case conference
- Supervise Neurology noon conference
- Supervise Journal Club
- Supervise and organize Morning Report
- Supervise monthly Morbidity and Mortality conference
- Attending Physician for inpatient Stroke service at MVH, teaching 3<sup>rd</sup> year medical students
- Attending Physician for inpatient General Neurology admit service at MVH, teaching 3<sup>rd</sup> year medical students
- Attending Physician for Neurology Resident Continuity Clinic and Stroke Clinic, teaching 3<sup>rd</sup> and 4<sup>th</sup> year medical students

Residents/Fellows:

- Neurology Residency Program Director
- Weekly Neurology case conference
- Supervise Neurology noon conferences
- Supervise Journal Club
- Supervise monthly Morbidity and Mortality conference
- Supervise and organize Morning Report
- Coordination of internal medicine and psychiatry residents, and geriatric fellow Neurology rotations
- Attending Physician for inpatient Stroke services at MVH, teaching Neurology, Internal Medicine, and Psychiatry residents
- Attending Physician for inpatient General Neurology admit service at MVH, teaching Neurology residents
- Attending Physician supervising Neurology residents in Continuity Clinic and Stroke Clinic

Eric Karr, DO

Medical Students

- Year 3 clerkship – Internal Medicine outpatient / inpatient clinical preceptor

Residents/Fellows

- Internal Medicine outpatient/inpatient clinical preceptor /attending physician

Devin Kelly, DO

Residents/Fellows:

- Clinical supervision of 26 residents per year
- Infectious Disease lectures several times weekly

Geetika Kumar, MD

Medical Students:

- Teach and guide 4<sup>th</sup> year med students on Hematology/Oncology rotation
- Year 3 clerkship, Associate Clerkship Director, TBL participant, Inpatient team, Ambulatory or Subspecialty attending

Residents/Fellows

- Residents on Hematology/Oncology rotation
- Fellows in Hematology/Oncology Fellowship

Gogi Kumar, MD

Medical Students

- Teaching MSIII and IV
- Started an MS III child neurology elective – Dec. 2023 for MSIII

Residents/Fellows

- Teaching pediatric residents
- Adult neurology
- Residents on a day to day basis

James Lamb, MD

Medical Students:

- Preceptor on MVH Inpatient Services
- Preceptor in the Ambulatory Clinic
- Third Year Elective Rotation in Telemedicine
- Team-based learning Facilitator for 3<sup>rd</sup> year medical students
- Pilot program – “Chairman’s Rounds”

Residents/Fellows:

- Residency Program Director
- Preceptor on Inpatient Service
- Preceptor in the Ambulatory Clinic

Ronald Markert, Ph.D.

Medical Students:

- Matching medical students with research mentors (faculty, fellows, residents)

Residents/Fellows:

- One-on-one planning meetings with IM and Neurology residents on scholarly activity and research studies

Luke McCoy, MD

Medical Students:

- Guest Faculty for Beginning to End Endocrine sessions
- Facilitator for Staying Alive, Beginning to End, and Balance Control and Repair Wright Q Sessions
- Coordination with Internal Medicine Interest Group
- Clerkship Director, Inpatient Attending
- Sub-internship Director, Inpatient Attending
- Director of 8499 Academic Medicine Internal Medicine
- Doctoring year Medicine electives Director, Ambulatory attending
- Faculty Sponsor for Maria Rehtin: Histoplasmosis Case Poster presentation at BSOM Medical Student Research Forum
- Fireside Chats in Internal Medicine – Residency application Dinner Series

Residents/Fellows:

- Core Faculty WSU IM residency
- Inpatient Attending on teaching teams
- Ambulatory Attending at resident clinic
- Noon conference – residents as teachers for Kettering IM residency

Cassandra Milling, MD

Medical Students:

- Didactics during Neurology Clerkship
- Precepting in Neurology clinic

Residents/Fellows:

- Precepting in Neurology clinic

Basanti Mukerji, MD

Optometry Students:

- Clinic rotation to see shared diseases and our treatment regimens

Residents/Fellows:

- Second and third year resident Rheumatology rotations
- Inpatient Rheumatology teaching
- Resident Board Review in Rheumatology
- Outpatient Rheumatology clinic
- Special injection clinics where residents learn to do joint injections

- Musculoskeletal Ultrasound
- Physical and occupational therapy with Prosthetics

Vaskar Mukerji, MD

Residents/Fellows

- Didactic sessions for medical residents in cardiology twice a week

Amith Parekh, MBBS

Residents/Fellows:

- Ward attending for Internal Medicine rotation

John Shrader, MD

Medical Students:

- Outpatient teaching of MSIII and MSIV WSUBSOM medical students
- Associate Clerkship Director for WSUIII medical students at KMC – includes 3-4 teaching sessions per month

Residents/Fellows:

- Program Director for the Transitional Year Residency Program and the Director of Medical Education at KMC
- Outpatient teaching of both TY and IM residents

Robert T. Smith, MD

Residents/Fellows:

- DIO / Kettering Health Network

Glen Solomon, MD

Medical Students

- WrightQ Facilitator
- Advisor for 20 students going into Internal Medicine
- Directed the COVID 19 Educational Taskforce

Residents/Fellows:

- Precept residents in outpatient headache clinic
- Precept residents at Five Rivers FQHC resident clinic
- Regularly attend senior openers, morning report, noon conference, resident forum

Brittany Staarmann

Medical Students

- Year 4 elective faculty, course director – acting internship in Neurosurgery
- Student advising

## **Baccalaureate**

Thomas Herchline, MD

University of Dayton

- MED 480 Capstone Seminar Instructor for 13 students

## **Continuing Medical Education**

### **Grand Rounds / Symposiums / CME / Webinars**

Katelyn Booher, DO

CME / Faculty Development Workshop

- “Maintaining Work/Life Balance” Presented on January 24, 2023 at MVH in Bieser Auditorium

Dean Bricker, MD

CME / Faculty Development Workshop

- “Teaching Rounds for the Academic Hospitalist” Presented in February 2023 at MVH

Steve Burdette, MD

Webinar

- Multiple lectures for Fidelity APP’s from topics including COVID, meningitis, HIV, PCN allergies, UTI’s

Kathryn Burtson, MD

Faculty Development and Chief Curriculum

- 24 sessions

Ankur Gupta, MD

Faculty Development

- Workshop on Conflict negotiation at Miami Valley Hospital, May 31, 2023

Thomas Herchline, MD

Faculty Development

- Workshop on Multicultural Medicine, Miami Valley Hospital

Geetika Kumar, MD

Grand Rounds

- Conducted Grand Rounds on Management of Pancreatic Carcinoma

Basanti Mukerji, MD

Grand Rounds

- Presented Grand Rounds – Update on Rheumatoid Arthritis



Glen Solomon, MD

Grand Rounds

- Wright State University Department of Neurology Grand Rounds – “Cluster Headache and CGRP Antagonists” January 30, 2023

Other

- Attended the Stanford Physician Well-being Director Course

# 5 Scholarly Activity

## Funded grants

Dean Bricker, MD

- 2022-23 Co-investigator, Ohio Cardiovascular Health Collaborative; WSU budget \$254,911

Glen Solomon, MD

- MEDTAPP Cardiovascular Disease Cardiovascular Best Practices Network Collaborative. Site Co-PI. 2017-22. Funded by the Ohio Department of Health

## Publications

### Papers in refereed journals

Brown J, Solomon R, Stabler M, Davis S, Carpenter-Song E, Zubkoff L, Westerman D, Dorn C, Cox K, Minter F, Jneid H, Currier J, Athar SA, Girotra S, Leung C, Helton T, **Agarwal A**, Vidovich M, Plomondon M, Waldo S, Aschbrenner K, Malley JA, Matheny M. Team-Based Coaching Intervention to Improve Contrast-Associated Acute Kidney Injury: A cluster-randomized trial. Clin J Am Soc of Nephrol 2023, Mar 1;18 (3):315-326. PMID: 36787125

Soomro QH, Anand ST, Weisbord SD, Gallagher MP, Ferguson RE, PalevskyPM, Bhatt DL, Parikh CR, Kaufman JS, PRESERVE Trial Investigators; PRESERVE Trial Group. The relationship between rate and volume of intravenous fluid administration and kidney outcomes after angiography. Clin J Am Soc Nephrol 2022 Oct;17(10):1446-1456. doi: 10.2215/CJN.02160222, PMID: 36008352 (name listed under collaborator)

Bricker D, Crawford T, Castle A, Anderson M, James A, and Hershberger P. PRESTO: Promoting engagement for the safe tapering of opioids. Pain. (June 15, 2023) doi: 10.1097/j.pain.0000000000002961 PMID 37326671

Bolen SD, Beverly EA, Khoury S, Regan S, Wright JT, Koroukian S, Wexler R, Rao G, Hargraves D, Bricker D, Solomon GD, Holliday M, Gardner-Buckshaw S, Dworkin L, Perzynski AD, Littman E, Nevar A, Swiatkowski SM, Applegate M, and Konstan MW. Forming Cardi-OH: A Statewide Collaborative to Improve Cardiovascular Health in Ohio. Cureus. (August 25, 2022). 14(8): e28381.

doi:10.7759/cureus.28381 PMID 36171829 <https://www.cureus.com/articles/109550-forming-cardi-oh-a-statewide-collaborative-to-improve-cardiovascular-health-in-ohio>

Hawley HB: Coronavirus fusion and entry are targets for new therapies. *Annals of Public Health Reports* 6:249-253, 2022.

Bullock JD, Warwar RE, Hawley HB, Why was Leonhard Euler blind? *British Journal for the History of Mathematics*, 2022 (online) DOI:10.1080/26375451.2022.20522493

Herchline T. Tuberculosis Organism-Specific Therapy. *Medscape Drugs & Diseases*. Updated Mar 6, 2023. Available at: <http://emedicine.medscape.com/article/2012100-overview>.

Karr, E., & Elliott, B. (2023). Hairy Tongue. *The New England Journal of Medicine*, 389(1), e3. <https://doi.org/10.1056/nejmicm2300789>

Cancer care navigation for newly diagnosed cancer patients- A QI Project, in *Fed Prac*.

Goenka A, Fonseca LD, Kumar G. Demographic and geographic variations in the access time of pediatric patients presenting with staring spells. *Epilepsy Behav*. 2023 Jun 17;145:109299.

Goenka A, Chikkannaiah M, Fonseca LD, Kumar G. Peripheral Nerve Blocks: A Tool for Inpatient Pediatric Status Migrainosus. *Pediatr Neurol*. 2023 Jan;138:81-86.

Goenka A, Fonseca LD, Yu SG, George MC, Wong C, Stolfi A, Kumar G. Staring spells in children with autism spectrum disorder: A clinical dilemma. *Autism*. 2022 Nov 23:1362

Goenka A, Reyes I, Fonseca LD, George MC, Stolfi A, Kumar G. Staring Spells: An Age-based Approach Toward Differential Diagnosis. *Child Neurol*. 2022 Nov 13.

Set KK, Bailey J, Kumar G. Reduction of No-Show Rate for New Patients in a Pediatric Neurology Clinic. *Jt Comm J Qual Patient Saf*. 2022 Dec;48(12):674-681.

Wagner J, Bhatia S, Marquis BO, Vetter I, Beatty CW, Garcia R, Joshi C, Kumar G, Rao K, Singhal N, Skjei K. Health Disparities in Pediatric Epilepsy: Methods and Lessons Learned. *J Clin Psychol Med Settings*. 2022 Aug 5:1-10.

McCoy L. Clinical case published in *CCIM*

Linares JD, Salam K, Shadmand M, Venkatesh S, Mukerji V: Evaluating the risk posed by heart failure medications in patients with bee sting anaphylaxis. *JACC* 81: 8 (Supp): 408, 2023.

Venkatesh S, Salam K, Mukerji V: Choice of pharmacotherapy for heart failure in patients undergoing venom immunotherapy. *J Allergy and Clinical Immunology* 151 (2) AB 47, 2023.

Akram A, Salam K, Venkatesh S, Mukerji V: Use of beta-blockers in patients with *Apis Mellifera* and Hymenoptera venom anaphylaxis: To be published in the October 2023 issue of the *J of Investigative Medicine*, 2023.

Zingas N, Valencia D, Mukerji V: The Happy Heart paradox. To be published in the October 2023 issue of the *J of Investigative Medicine*, 2023.

Das S, Abreu C, Harris M, Shrader J, Sarvepalli S. "Severe Thrombocytopenia Associated with Dengue Fever: An Evidence-Based Approach to Management of Thrombocytopenia." *Case Reports in Hematology*, Vol 2023, Article ID 3358325

Solomon CS, Solomon GD, WSU-BSOM COVID 19 Education Task Force. Answering patient questions about COVID 19. *Primary Care Reports* 2022; 28(8):85-96.111.

Solomon CS, Solomon GD, WSU-BSOM COVID 19 Education Task Force. Answering patient questions about COVID 19. *Primary Care Reports* 2022; 28 (8 Suppl):1-3. 112.

Bolen SD, Beverly EA, Khoury S, Regan S, Wright, Jr JT, Koroukian S, Wexler R, Rao G, Hargraves D, Bricker D, Solomon GD, Holliday M, Gardner-Buckshaw S, Dworkin L, Perzynski AT, Littman E,

Nevar A, Swiatkowski SM, Applegate M, Konstan MW: Forming Cardi-OH: A Statewide Collaborative to Improve Cardiovascular Health in Ohio. Cureus (); e. doi:10.7759/cureus.

## **Books, chapters, reviews**

### **Mamle Anim, MD**

-Served as a peer reviewer for the Journal of Healthcare for the Poor and Underserved since 2020

### **Steven Burdette, MD**

-ID Week abstract reviewer

-Advisory Boards: Shionogi

-Journal reviewer for: CID, IDCP, & JAMA

### **Esteban Cheng-Ching, MD**

-Ad hoc reviewer JNIS

### **Ankur Gupta, MD**

-Board of Director on Ohio River Region Society of Endocrinology (ORRSE)

### **H. Bradford Hawley, MD**

-Manuscript Reviews for: Annals of Internal Medicine & Heliyon

### **Thomas Herchline, MD**

-Editorial activity reviewer for:

- Reviewer for Infection Control and Hospital Epidemiology
- Reviewer for Antimicrobial Stewardship and Healthcare Epidemiology
- Reviewer for Infectious Diseases in Clinical Practice
- Reviewer for American Journal of Infectious Diseases and Microbiology
- Chief Editor for 66 articles, Medscape Drugs & Diseases
- Contributing Editor for 10 articles, Medscape Drugs & Diseases
- Managing Editor for Bacterial Sepsis, Medscape Drugs & Diseases

### **Basanti Mukerji, MD**

#### **Reviewer for:**

- Southern Medical Journal
- American Journal of Medical Genetics
- Cleveland Clinic Journal of Medicine
- Annals of Internal Medicine
- Cureus

### **Glen Solomon, MD**

#### **Reviewer for:**

- Annals of Internal Medicine
- Open Access Journal of Clinical Trials (Dove Press)
- BioMed Research International
- Journal of Family Medicine and Disease Prevention
- Neurology and Neurosurgery (Medpress)

## Published abstracts

Sakya J, Bricker D. Spontaneous intra-abdominal bleeding in a cirrhotic patient. DAGMEC Resident Research Forum, April 2023

Use of single agent cefotetan for Gustilo-Anderson Type III open fracture prophylaxis. Via G. Brueggeman, Murray V, Froehle A, Burdette SD, Prayson M. Injury. In Press (Accepted June 25, 2023)

CDC Bone Allograft Tuberculosis investigator 2021-2022 -Manuscript CID May 2023 PMID 36660866

Burtson K. 35762461, 36176478, 36819351

Khoury S; Wright JT; Perzynski AT; Caron A; Rao G; Koroukian S; Solomon GD; Holliday MB; Gardner-Buckshaw SL; Dworken L; Beverly E; Wexler R; Nevar A; Nance M; Albanese S; Wharton DP; Applegate MS; Konstan M; Bolen S. Ohio Cardiovascular Health Collaborative (CARDI-OH) needs assessment results. *J Gen Intern Med* 2020;35(Suppl 1): S210-211. DOI: 10.1007/s11606-020-05890-3.

## Significant presentations

Prabhakar AP, **Agarwal A**. A preclinical case of transthyretin cardiac amyloidosis: A commonly misdiagnosed category of heart failure. *J Am Coll Cardiol* 2023, 81(8), Suppl A, 2553. Presented at the ACC 72st Annual Scientific Session, March 04, 2023, New Orleans.

Pearce IA, Prabhakar AP, Shareef AF, **Agarwal A**. Diagnostic role of transthoracic echocardiogram for stress induced cardiomyopathy in a critically ill patient: A pivotal clinical utility. *Chest* vol 162, issue 4, suppl,2022, Page A236. Oral presentation at the annual Chest meeting October 16-19, 2022

Invited Speaker- 4 . Burtson K. "Night time Education," "Beyond Average," "Bedside Teaching," and "Teaching Procedures," FOCUS Speaker at Ft. Belvoir, VA, 2023 2. Burtson K, Smith A. "Mentoring, Coaching, and Sponsoring," Ohio ACP. Columbus, OH. Oct 2022. 3. Burtson K, Dupre A. "Small Group Learning," Ohio ACP. Columbus, OH. Oct 2022. 4. Burtson K, Mount G. "Mentoring, Coaching, and Sponsoring," Tri-Service ACP. San Antonio, TX. Sept 2022.

Monitoring TSH Over Time May Not Be Necessary in Patients with Thyroid Nodules. Accepted for Poster Presentation Endocrine Society Annual Meeting Chicago, June 15-18, 2023. Sabrina Kaul and Ankur Gupta

Marked Reduction in Severe Resistant Hypertriglyceridemia on PCSK9 Inhibitor. Accepted for Poster Presentation Endocrine Society Annual Meeting Chicago, June 15-18, 2023. Sabrina Kaul and Ankur Gupta.

A Challenging Case of Medication-Nonadherent Hypothyroidism Requiring Frequent Primary care Visits to Achieve Euthyroidism. Accepted for Poster Presentation Endocrine Society Annual Meeting Chicago, June 15-18, 2023. Sabrina Kaul and Ankur Gupta

Other Presentations and Workshops:

Faculty for Department of Veterans Affairs, Employee Education System and Women's Health Women's Musculoskeletal Health Training conference at National simulation center at SimLEARN at Orlando for Providers in June 13-15, 2023. The Musculoskeletal Training Program was 3 days a face-to-face program that enhanced providers knowledge, skills and confidence to manage common MSK problems.

Faculty development workshop on Conflict negotiation Miami Valley hospital, May 31, 2023

Speaker on Osteoporosis update: 28th Annual Grandview Medical Center Family Practice Review and Reunion - February 10-12, 2023 at Sinclair Community College Ponitz Center, Dayton, Ohio

Faculty for Department of Veterans Affairs, Employee Education System and Women's Health Virtual Women's Musculoskeletal Health Training Program Aug. 9-12, 2022. The Musculoskeletal Training Program was 4 days virtual program that enhanced providers knowledge, skills and confidence to manage common MSK problems.

Faculty and planning member for Procedure workshop for Incoming Interns, Dayton VA Medical Center, June 2022

Faculty and on planning committee for Veterans Health Administration Women's Musculoskeletal Health Training Program for Providers in VISN 10 and Dept. of Defense (DOD) April 5-7, 2022. The Musculoskeletal Training Program is 3 days a face-to-face program that enhanced providers knowledge, skills and confidence to manage common MSK problems.

Huda Khanzada, MD, Eric Karr, DO, Joshua Scott, DO, Alan Bartholomew, DO, Statins and Myositis: Getting to the Heart of Remission, Presented at the Congress of Clinical Rheumatology, Destin, FL, 2023

Lisa Dykes, MD, Capt; Eric Karr, DO, Capt, A Rare Case of Concurrent Immunotherapy-related Colitis and Pancreatitis in a Patient with Metastatic Non-Small Cell Lung Cancer on Long-term Pembrolizumab, Presented at TriService ACP, San Antonio, TX, 2022

Cody Minor, MD, Capt; Eric Karr, DO, Capt, Copper Deficiency Myelopathy, Neutropenia and Anemia in a Patient 13 years statuspost Roux-en-Y Bariatric Surgery, Presented at TriService ACP, San Antonio, TX, 2022

David Batistig DO, **Eric Karr DO**, Rohini Chatterjee MD, Take my Breath Away: Detrimental Effects of Added Acute VTE Risk Factors, Presented at the American College of Chest Physicians Annual Meeting, Honolulu, HI, 2023

Katelyn Booher, DO, Resident poster sponsor for: Buerschen, Emily. Ohio's First documented case of suspected Hantavirus cardiopulmonary syndrome; case report and literature review. (Poster presentation at ACP Ohio / Air Force Chapter Meeting. October 2022

Huda Khanzada, MD, **Eric Karr, DO**, Joshua Scott, DO, Alan Bartholomew, DO, Statins and Myositis: Getting to the Heart of Remission, Presented at the Congress of Clinical Rheumatology, Destin, FL, 2023

Talreja, R, Fonseca, LD, Chikkannaiah, M, Goenka, A, Kumar, G. "Arachnoid Cyst in Children: Natural History and Clinical Presentation." Digital Poster at American Academy of Neurology Annual Meeting. April 2023.

Gupta, N, Agarwal, R, Hart, L, Gathers-Hutchinson, L, Kumar, G. "PNES in Children: Efficacy of an Interdisciplinary Program." Annual Meeting of the American Epilepsy Society. December 2022. Nashville, Tennessee.

Goenka, A, George, M, Yu, G, Fonseca, LD, Kumar, G. "Staring Spells in Children with Autism Spectrum Disorder: A Clinical Dilemma." Annual Meeting of the American Epilepsy Society. December 2022. Nashville, Tennessee.

Talreja, R, Fonseca, LD, Chikkannaiah, M, Goenka, A, Kumar, G. "Arachnoid Cyst in Children: Natural History and Clinical Presentation." Digital Poster at the Congress of Neurological Surgeons Annual Meeting. October 2022. San Francisco, California.

Goenka, A, George, M, Yu, G, Fonseca, LD, Kumar, G. Demographic and Geographic Variations in the Pediatric Diagnosis of Staring Spells. Annual Meeting of the American Epilepsy Society. December 2022. Nashville, Tennessee.

MacDonald, S, Krysiak, T, Rhodes, S, Kumar, G. "Steps Towards Transition – Assessing knowledge and providing education for adolescents with epilepsy." Annual Child Neurology Society Meeting. October 2022. Cincinnati, OH.

MacDonald, S, Krysiak, T, Rhodes, S, Kumar, G. "Measuring Transition Readiness in Adolescents with Epilepsy: Opportunities and Challenges." Annual Child Neurology Society Meeting. October 2022. Cincinnati, OH.

4/2023 - Equity in child neurology: the path forward. Children's Hospital of Michigan, Detroit, Pediatric Neurology Grand Rounds

5/2023 - Equity in healthcare: the path forward. Dayton Children's Hospital, Dayton, Ohio

11/2022 - Physician wellness at Dayton Children's: past, present and future

Title: BURIED BONE DEEP: CASE OF DISSEMINATED BLASTOMYCOSIS PRESENTING AS INFLAMMATORY ARTHRITIS. Won First place in Podium presentation at the 17th Annual OAR Conference in Columbus on October 2022. Huda Khanzada MD, Fan Wang APN, Basanti Mukerji MD.

Reactive Arthritis versus Psoriasis by Basanti Mukerji MD at 17th annual meeting of the Ohio Association of Rheumatology at Columbus Ohio in October,2022

Presented a Grand Round at The Dayton VAMC on "New approaches to an ancient disease" Gout

Venkatesh S, Salam K, Mukerji V: Choice of pharmacotherapy for heart failure in patients undergoing venom immunotherapy. Presented by S. Venkatesh at the Annual Meeting of the American Association of Allergy and Immunology in San Antonio on February 24th, 2023.

Linares JD, Salam K, Shadmand M, Venkatesh S, Mukerji V: Evaluating the risk posed by heart failure medications in patients with bee sting anaphylaxis. Presented by J. Linares at the Annual Meeting of the American College of Cardiology in New Orleans on March 4th, 2023.

Le W, Akram A, Venkatesh S, Linares JD, Mukerji V: Emergency care of bee sting anaphylaxis in patients on beta-blockers. Presented by W. Le at the Annual Meeting of the American Academy of Emergency Medicine in New Orleans on April 23rd, 2023.

Akram A, Salam K, Venkatesh S, Mukerji V: Use of beta-blockers in patients with Apis Mellifera and Hymenoptera venom anaphylaxis: Presented by A. Akram at the Annual Meeting of the American Federation of Medical Research in Chicago on April 24th, 2023.

Zingas N, Valencia D, Mukerji V: The Happy Heart paradox. Presented by N. Zingas at the Annual Meeting of the American Federation of Medical Research in Chicago on April 24th, 2023.

Pekas N, Frommeyer T, Aung T, Mukerji V: Should permanent pacemaker implant be considered for selected patients with first degree atrio-ventricular block. Presented by N. Pekas at DAGMEC 2023 on May 4th, 2023.

Hallak O, Gilbert Z, Tivakaran V, Mukerji V: Diagnostic accuracy of computerized QT measurement for ECGs. Presented by O.Hallak at DAGMEC on May 4th, 2023.

ZingasN, Valencia D, Mukerji V: Happy Heart Syndrome, does it actually exist? Presented by N. Zingas at DAGMEC 2023 on May 4th, 2023.

Hoeffel, AM, Keller, M, Shrader JA – “The ACGME SPECIAL REVIEW PROCESS: One Size does NOT fit all!” Poster accepted for presentation at the Association for Hospital Medical Education 2023 Spring Education Institute; April 26-28, 2023; Austin, TX.

Speaker, Lessons from the Pandemic: Triage and Care for the Caregiver, Loma Linda University Adventist Bioethics Conference May 2022

Podcast: Cardi-OH. September 2022. Solomon CS, Solomon GD. Kicking the Habit: Partnering with Patients to Treat Tobacco Dependence.

Wright State University Department of Neurology Grand Rounds – January 30, 2023, “Cluster Headache and CGRP Antagonists.”

NEOMED Project ECHO – August 26, 2022, “Medical Marijuana 2022.”

NEOMED Project ECHO – October 28, 2022, "Overview of Headache.”

NEOMED Project ECHO – February 17, 2023. “Tobacco Screening, Smoking Histories, and Measuring the Willingness to Quit.”

NEOMED Project ECHO – February 24, 2023. “Harms or help? E-cigarettes, hookah, and new nicotine products.”

NEOMED Project ECHO – March 3, 2023. “Moving the needle: failed quits to successful tobacco abstinence.”

### **Consultantships**

Steven Burdette, MD

- Life Connections of Ohio
- Roche Diagnostics

### **Other recognition**

Eric Karr, DO

- Inpatient Ward Attending of the Year (WPAFB), 2022-223
- United States Air Force Company Grade Physician of the year (WPAFB), 2022

Luke McCoy, MD

- Served as medical school Chair of the student promotions committee during the past year

Glen Solomon, MD

Reviewer:

- Annals of Internal Medicine
- Open Access Journal of Clinical Trials (Dove Press)
- BioMed Research International
- Journal of Family Medicine and Disease Prevention
- Neurology and Neurosurgery (Medpress)

# 6

## Summary of Service Activities

### **Student advising**

Sangeeta Agrawal, MD

Mamle Anim, MD

Sonia Bennett, MD

Dean Bricker, MD

Steven Burdette, MD

Roberto Colon, MD

Douglas Einstein, MD

Ankur Gupta, MD

Thomas Herchline, MD

Bradley Jacobs, MD

James Lamb, MD

Cassandra Milling, MD

Irina Overman, MD

Hari Polenakovik, MD

Marc Raslich, MD

Ryan Simon, MD

Cynthia Solomon, BSPHarm, RPh

Glen Solomon, MD

### **Resident Advising**

Mamle Anim, MD

Katelyn Booher, MD

Dean Bricker, MD



Steven Burdette, MD  
David Geottman, MD  
Ankur Gupta, MD  
Evan Fisher, MD  
Borislav Hristov, MD  
Bradley Jacobs, MD  
Devin Kelly, DO  
James Lamb, MD  
David Lindholm, MD  
Luke McCoy, MD  
Irina Overman, MD  
Barbara Phillips, MD  
Hari Polenakovik, MD  
Marc Raslich, MD  
Mohammad Saklayen, MD

### **Committee membership/officer**

Sonia Bennett, MD

- WSU: Institutional Review Board

Katelyn Booher, DO

- Chair ID Fellow CCC/PEC
- Member, Premier Health Antibiotic Subcommittee
- State – IDSO membership

Dean Bricker, MD

- Wright State University Department of Medicine, Medical Executive Committee
- WSUBSOM CME Committee
- WSU BSOM By Laws Committee
- Miami Valley Hospital: Directors of Education
- State of OH: Ohio ACP Governor's Advisory Council
- Member Ohio Chapter ACP
- National/international: Volunteer medical missions trip to Ghana, Africa February 2022
- Other: Small Group Leader, Patterson Park Church, Beavercreek, OH

Steven Burdette, MD

- WSU-BSOM/WSU Dept. of Medicine: Executive Committee
- Hospital: Ohio Valley Surgical Center: Medical Director of ID
- Miami Valley Hospital: Infection Control and Antimicrobial Stewardship
- PHP: MMT and Antibiotic Stewardship Subcommittee
- County: Medical Director Greene County Tuberculosis Clinic, Greene Co. Combined Health District
- National: IDSA Antimicrobial Stewardship Centers of Excellence Committee – Chair
  - Lead for CDC/IDSA RTI Pathway Development
  - Advisor for CDC/IDSA UTI Pathway Development
- Student/Resident/Fellow Advising: MSIII and IV on ID rotation
- ID Service Rotators: Ortho interns, MSIII and IV, IM Residents, ID Fellows

Kathryn Burtson, MD

- Journal Reviewer Journal of Medical Education and Curricular Development 2022-present
- Clinical Case Reports 2021-present The Cureus Journal of Medical Science 2021-present
- NATIONAL PROFESSIONAL SERVICE Air Force ACP Local Nominations Committee 2023
- REGIONAL PROFESSIONAL SERVICE Ohio American College of Physicians Meeting Planning Committee 2021-present
- LOCAL PROFESSIONAL SERVICE Wright State University Boonshoft School of Medicine Promotions and Tenure Committee 2022-present
- Department of Medicine Education Committee, Chair 2016-present
- Wright State University Director of Curriculum 2016-present
- Clinical Competency Committee 2016-present
- Program Evaluation Committee 2016-present
- ACLS/ALS Program Director Wright Patterson AFB 2016-present

Ankur Gupta, MD

- Planning Committee for Veterans Health Administration Women's Musculoskeletal Health Training Program in VISN 10 and Department of Defense
- Board of Director on Ohio River Region Society of Endocrinology (ORRSE)

H. Bradford Hawley, MD

- American College of Physicians (Ohio Chapter) Awards Committee
- WSUDOM COVID-19 Task Force

Thomas Herchline, MD

- Student Advisor
- · Class of 2023 – 2 students
- · Medical trip to Panama with Pre-Medical/Pre-Dental Students (16 students)
- · Medical trip to Jamaica with Medical Students (10 students)
- Wright State University BSOM Honor Code Council
- Wright State University BSOM Global Health Education Advisory Board
- Wright State University Institutional Review Board (Chair)
- Wright State University Admissions Committee

Bradley Jacobs, MD

- Neurology Medical Student Clerkship Steering Committee
- Wright State University and Premier Health Neuroscience Institute Research Committee
- Neurology Residency Clinical Competency Committee
- Neurology Residency Program Evaluation Committee (Chair)
- Wright State University Graduate Medical Education Committee
- Wright State University Student Promotions Committee

Eric Karr, DO

- Student advising:
- Resident advisor for 3 current Wright State Univ. Internal Medicine Residents
- Took role of Academic Coach for 26 educationally at risk trainees by building individualized learning plans
- WSU-BSOM: Assistant Professor / Clinical Preceptor, WSU Department of Medicine
- Chaired Residency Recruitment Committee by leading 8 member team who interviewed 242 potential candidates and ultimately paired top 5% to combined military and civilian Program
- Hospital: Hospitalist, Miami Valley Hospitalist Group, Dayton, OH

Gogi Kumar, MD

Research mentor for students:

- 2023 – present Deborah Lee – Class of 2026
- 2023 – present Ankur Parekh – Class of 2026
- 2022 – present Anna Robertson – Class of 2026
- 2022 – present Ethan Grant – Class of 2026
- 2023 – present Sydney Carnes – Class of 2025
- 2022 – present Josef Rivera – Class of 2024
- 2022 – present Sana Shameem – Class of 2024
- 2022 – present Meha Joshi – Class of 2024
- 2022 – 2023 Patricio Ochoa – International Medical Student from Mexico – Class of 2023
- 2022 – 2023 Brooklynne Dilley – Class of 2024
- 2021 – 2023 Grace Yu – Class of 2024
- WSU-BSOM: Member, Nomination Committee

- Hospital: Member, Physician Wellness Committee
- National: Pediatric Epilepsy Research Consortium, Chair, Telehealth SIG

Luke McCoy, MD

- Chair of BSOM Student Promotions Committee
- Member of BSOM Doctoring Committee
- WSU IM residency Clinical Competence Committee
- WSU IM residency Program Leadership Committee
- Medical Executive Committee

John Shrader, MD

- Hospital: KMCGMES and KHN GMEC
- Transitional Year Program Evaluation Committee
- KMC Clinical Competence Committee
- KMC CME Advisory Committee
- KMC Library Committee

Robert T. Smith, MD

- WSUBSOM Executive Committee
- Hospital: Kettering Health Network GMEC

Glen Solomon, MD

- Student advising: All students going into Internal Medicine (~20)
- Department of Surgery Chair Search Committee-Committee Chair
- WSU-BSOM: Executive Committee
- VA – Dean’s Committee
- WSP – Board of Directors, Vice President
- MVH – Grand Rounds Committee
- State – American College of Physicians
  - Governor’s Advisory Board
  - Finance Committee
- National/international – American Board of Internal Medicine Longitudinal Knowledge Assessment Physician Advisory Panel

# 7

## Patient Care Summary

Karen Arkin, MD

- General Neurology for inpatients and call duties

Steven Arkin, MD

- Stroke neurology for inpatient and outpatients
- On-call duties
- Telestroke medicine

Catherine Bacheller, MD

- Daily Infectious Disease care
- Weekly outpatient care

Sonia Bennett, MD

- Wright State Physicians, Endocrine Clinic. 5678 Far Hills Ave., Dayton, OH

Dean Bricker, MD

- Wright State Physicians, Internal Medicine Clinic at 5678 Far Hills Ave., Kettering
- Additional site: Wright State Physicians, IM at 725 University Blvd., Fairborn OH 45324
- Ward Attending Miami Valley Hospital: Aug 2022, Dec 2022, Jan 2023, Mar 2023, Jun 2023
- Clinic preceptor for residents, Five Rivers Health Center: 2 half days per week, July 2022-June 2023

Gregory Haack, MD

- 1 – 2 half days of faculty clinic with WSP most weeks

Ankur Gupta, MD

- Endocrine clinic at Dayton VAMC and Wright State Physicians

Thomas Herchline, MD

- HIV Primary Care Clinic, Five Rivers Health Center
- Inpatient consulting, Miami Valley Hospital
- Inpatient consulting, Atrium Medical Center

Bradley Jacobs, MD

- Attending Inpatient Vascular Neurology
- Attending Inpatient General Neurology Admit Service
- Attending Outpatient General Neurology and Vascular Neurology
- Attending Neurology Resident Continuity Clinic

James Lamb, MD

- Miami Valley Hospital Inpatient Staff Attending
- Wright State Physicians Internal Medicine Clinic
- Five Rivers Ambulatory Health Center Preceptor
- Wright State Physicians Geriatrics Clinic

David Lindholm, MD

- Infectious Disease Consultant, WPMC
- Infectious Disease Clinic, WPMC, Staff Physician
- Internal Medicine Clinic, WPMC, preceptor
- Internal Medicine Wards, WPMC, attending

Luke McCoy, MD

- Inpatient Medicine – 12 weeks per year
- Ambulatory Attending – 5 half days per month
- WSU IM faculty practice – 7 half days per month
- FRHC private clinic – 2 half days per month
- Adult Cystic Fibrosis Clinic – 4 half days per month

Cassandra Milling, MD

- Inpatient Admit Service Attending Physician Miami Valley Hospital
- EEG/EMU Service Attending Physician Miami Valley Hospital
- Clinical Neuroscience Institute outpatient care

John Shrader, MD

- Periodic outpatient Internal Medicine precepting at the Sycamore Primary Care Center (once or twice a month)

Glen Solomon, MD

- Headache Clinic weekly

Kerianne Springer, MD

- Private clinic patients at Wright State Physicians
- Preceptor at Five Rivers IM Resident Clinic

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### Honors and awards

Dean Bricker, MD

- The Chairman's Award for Excellence

Eric Karr, DO

- Inpatient Ward Attending of the Year (WPAFB) 2022-2023
- United States Air Force Company Grade Physician of the Year (WPAFB) 2022

Thomas A. Koroscil, MD

- Inpatient Faculty Teaching Excellence Award

Basanti Mukerji, MD

- Selected to be a member of the Board of Director's in the Ohio Association of Rheumatology (actively involved in their activities)

Vaskar Mukerji, MD

- The Program Director's Award for Excellence

Kelsey Wilson, MD

- Ambulatory Faculty Teaching Excellence Award
- Outstanding Faculty Teacher of the Year Award
- The Residents' Award for Excellence

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### Hosted events

Faculty Development Workshops: presented various times throughout the year

- The goal is to enhance faculty knowledge and skills to further the clinical, professional, and scholarly development of learners at all levels of medical education.

ID Case Conference: presented monthly

- The goal is to improve clinical knowledge and skills for evaluation and management of Infectious Disease problems or Infectious Disease mimickers at all levels of medical education.

#### Neurology Grand Rounds

- Monthly presentation of neurological topics of educational and clinical importance to faculty and residents. Presenters include current residents, faculty, and topic experts from around the region.

#### Gogi Kumar, MD

- Annual Pediatric Neurosciences Symposium (CME), November 2022

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## Other information

#### Ajay Agarwal, MD

- **Research studies (No grant)**
  - IMPROVE AKI Trial: A cluster-randomized trial of team-based coaching interventions to improve acute kidney injury. Site Principal Investigator: **Ajay Agarwal**
  - Clinical and angiographic parameters as predictors of outcome in patients with coronary artery disease. Principal Investigator: **Ajay Agarwal**

#### Dean Bricker, MD

##### Professional Interests

- Graduate medical education teaching and administration
- Medical student teaching/mentoring
- Curriculum development
- Faculty development
- Leadership
- Clinical research in internal medicine
- Medical App development
- Applications of Motivational Interviewing
- Global medicine
- Medical missions

#### Ankur Gupta, MD

##### Domains:

Research: (Preventable and Traverse study are large multi-center clinical trials)

- Pragmatic Evaluation of Events and Benefits of Lipid-Lowering in Older Adults (PREVENTABLE) Trial

- Testosterone Replacement therapy for Assessment of long-term Vascular Events and efficacy Response in hypogonadal men (TRAVERSE) Study
- A retrospective study: change in thyroid function in patients with thyroid nodule
- A Retrospective Study: Prevalence of abnormal Thyroid function tests in Veterans with Dementia
- A Retrospective Study: Prevalence of positive Rapid Plasma Reagin (RPR) test in the Veteran Population with Dementia
- Prevalence of hot nodules on thyroid uptake and scan in patients with thyroid nodules and normal thyroid hormones

QI study: Improve compliance with lab testing in patients with use of electronic self-alert reminder.  
VA Medical center, Dayton, OH

Thomas Herchline, MD

- Interviewer for WSU-BSOM Medical School Applicants

Geetika Kumar, MD

- Retiring from VA Medical Center on 7/31/23

Glen Solomon, MD

- Directed the 7<sup>th</sup> Music and Medicine Symposium: Unheard Voices: Celebrating Diversity and Community in Music and Medicine