OUR MISSION  The mission of the Department of Medicine is to deliver outstanding and compassionate clinical services to all populations, especially the underserved, provide superior education for providers in training, and advance medical knowledge through research.

OUR VISION  We are a thriving department of fulfilled, compassionate, and diverse caregivers committed to patient care, teaching, discovery, and each other. We are unwavering in our dedication to empowering our diverse community to achieve wellness throughout the continuum of care while serving as national leaders in exploring innovative and outstanding models of healthcare.
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Introduction & Overview
Disruptive Innovation

The theme “Disruptive Innovation” reflects the acute and complex challenges the Department of Medicine, and healthcare in general, encountered during 2020 and beyond due to the COVID-19 pandemic and other notable events that took place locally, nationally and globally.

Early in 2020, healthcare was thrust into the unknown and uncertainty due to COVID-19 creating a powerful reminder of our multifaceted and changing world. The pandemic had a direct and significant impact on our Department’s healthcare delivery in nearly every imaginable way—our patient capacity both ambulatory and inpatient required immediate patient care restructuring and redesign to handle the inpatient surge as well as the down turn of clinic visits and elective procedures, our need to adjust to a change in the workforce, the sudden and untimely loss and death of patients and colleagues, the awareness of adequate and inadequate PPE, the fear and concern of our safety and that of our families, the financial losses, the short and potentially long-term effect of our providers’ wellbeing which was being tested and compromised day after day, just to name a few.

As Chair of the largest Department in Hennepin Healthcare, having a strong, well-structured and supportive leadership was invaluable in responding to the many complex operational challenges. I want to recognize and thank our five Vice Chairs, fourteen Division Directors (see page 8), residency program directors, and our department leaders in their system-wide operational roles who innovated during disruption. This department could not have succeeded without the tremendous hard work of our general faculty and advanced practice providers. It became immediately apparent at the start of the pandemic the importance of extensive and timely communication, collaboration, and innovation within the Department of Medicine and throughout the organization at all levels to support our healthcare providers, our trainees, our staff, and our community, to sustain the best healthcare of our patients during this unprecedented time. Many of the HHS leaders are from the Department of Medicine and provided outstanding leadership throughout 2020. These leaders include Dr. Daniel Hoody, Hospital Medicine Division, as interim Chief Medical Officer; Dr. David Hilden, Hospital Medicine Division, as Vice President of Medical Affairs; Dr. Deepti Pandita, General Internal Medicine Division, as Chief Health Information Officer; and Dr. Ajay Israni, Nephrology Division, as President of the Hennepin Healthcare Research Institute. In addition, active members of the HHS Board of Directors and/or HHS Board Committees including Dr. Daniel Hoody, Hospital Medicine Division, on the Audit/Compliance Committee, Finance Committee and Quality Committee; Dr. Gautam Shroff, Cardiology Division, on the Quality Committee; and Drs. Ajay Israni, Nephrology Division, Danielle Robertshaw, General Internal Medicine Division, and Dr. Rachel Silva, General Internal Medicine Division, who served on the Mission...
Effectiveness Committee, and I also served on the HHS Board of Directors.

Throughout this report are compelling stories of first-hand experiences as to the impact the pandemic and the civil unrest following the killing of George Floyd had on many at Hennepin Healthcare.

Although the Department encountered numerous challenges and obstacles, we continued to strive to fulfill our mission and vision working diligently to sustain some normalcy, maintain what we had built, and continuing to accomplish so much.

Notably, in 2020, we continued to be successful in our recruitment and hiring of many dedicated physicians and advanced practice providers, we continued to recruit amazing internal medicine resident and fellow trainees. We were successful with the promotion of Dr. Charles Reznikoff to Associate Professor of Medicine as the first faculty on the Master Clinician Track, and the submission of five dossiers for faculty promotions in the Department of Medicine at the University of Minnesota Medical School. We initiated the Department’s Innovation Seed Grant Program to support junior faculty with limited research experience to pursue scholarly activity. We reformatted our Medicine Grand Rounds and Education and Scholarly Forums dedicated to addressing health disparities and health equity, and in an effort to keep education and research in the forefront, we developed the Department’s Research Scientist Track for Hennepin Healthcare Research Institute researchers to formally collaborate and integrate within the department. We obtained substantial grant and contract funding, we continued to publish articles at a high rate, and all the while worked to acknowledge, recognize and support our front-line healthcare providers, staff, and trainees.

The Faculty section of the Annual Report starting on Page 9, outlines the Department’s new physicians and advanced practice providers. I’d like to acknowledge the appointment of Dr. Gautam Shroff as permanent Director of the Cardiology Division, Dr. Mark LeSage as permanent Director of the Clinical Pharmacology Division, Dr. Michael Rhodes as permanent Director of...
the Hospital Medicine Division, and Dr. Jason Baker as permanent Director for Infectious Diseases Division. In addition, I’d like to acknowledge Dr. Paul Johnson, General Internal Medicine Division, Dr. Shirlee Xie, Hospital Medicine Division, and Dr. Matthew Young, Hospital Medicine Division for their service as Interim Division Directors. The Faculty section includes the retirement of Dr. Richard Asinger from the Cardiology Division following 45 years at Hennepin, Dr. Jeffrey Rubins from the Geriatric and Palliative Medicine Division after 9 years, and Dr. Margaret Simpson from Infectious Diseases Division after 38 years. We thank them for their long-standing service and contributions and wish them the best in their retirement.

The Department of Medicine is fortunate to have a group of 83 outstanding advanced practice providers providing care in each of our fourteen specialty divisions. These providers, which include seven Leads, continue to be essential to providing ambulatory and inpatient clinical care and are instrumental to our health care teams. Our advanced practice providers are listed on page 33.

**Clinical**

The effects of the COVID pandemic and civil unrest which began the first half of 2020 had material impacts on service utilization which continued through the remainder of the year. Non emergent ambulatory services were paused late first quarter across many specialties and phased reopening of services did not occur until mid-summer or later. Ambulatory services focused on emergent patient care and viral screening while hospital census increased dramatically.

Overall Department of Medicine campus based provider ambulatory encounter volumes were flat compared to 2019, but it is worth noting that this is due to 18,419 viral screening visits performed by Department of Medicine providers. Without the addition of these new screening visits, campus based providers volumes saw a decrease in “traditional ambulatory services” of 15.0%. Specialty outreach provider encounters in community clinic settings saw an equal decrease in “traditional ambulatory services” of approximately 11.2%, compared to prior year. (Aggregate ambulatory encounters decreased by 2.6% when compared to prior year, as shown in Figure 1.) Inpatient encounters increased by 4.9% (as shown in Figure 1). There was also a material increase in average length of stay (from 3.8 to 5.13 / 35.0%). Total gross billings from the Department decreased by 3.1%, going from $89,969,340 in 2019 to $87,221,459 in 2020 (as shown in Figure 2). This decrease is driven predominantly by the effects of the COVID pandemic and civil unrest on ambulatory based services paused, partially offset by the increase in hospital census and services. In addition, actual aggregate collections saw a decline of almost 3 percentage points / 8.1% when compared to prior year.

In 2020, 82% of the Department’s cash revenues came from clinical activities, 10% from service contracts, and
8% from research grants and contracts (as shown in Figure 3). Research grant and contract revenue has been restated from prior years to include revenue transferred into the department to support clinician costs. Total costs awarded for Department of Medicine Research Grants and Contracts was $29,548,118, which is a 17.1% decrease over prior year, primarily due to material decreases in governmental and industry funded awards in Infectious Disease and Nephrology, partially offset by an increase in governmental funded awards in Addiction Medicine.

The Department’s peer-reviewed publications were at record number at 239 and 5 book chapters. The Research and Scholarship section listing the publications begins on page 43 of this report.

Under the directorship of Dr. Rosemary Quirk, the Medical Education Program remained strong during the pandemic and civil unrest in 2020. Our residency and fellowship programs continue to be in high demand. For details of 2020, please refer to the program update and summary starting on page 63.

2020 was not a typical year but one that will be remembered for its “disruptive innovation.” I trust that you will find this annual report reflective, interesting and one that demonstrates a department that is strong, committed, and resilient to our mission of clinical care, education and research even during a pandemic.

Arti Prasad, M.D., F.A.C.P.
Department Chair and Scott F. Davies Endowed Chair
Department of Medicine
Hennepin Healthcare System
Professor and Vice Chair of Medicine
University of Minnesota Medical School
Department of Medicine

ADMINISTRATIVE OFFICERS

Chair
Arti Prasad, M.D.

Vice Chair of Clinical Affairs
Roberta M. Meyers, M.D., M.P.H.

Vice Chair of Department and Faculty Affairs
Martin J. Stillman, M.D., J.D.

Vice Chair of Education, Mentorship, and Scholarship
Mark Linzer, M.D.

Vice Chair of Fiscal Affairs
Ronald L. Schut, M.D.

Vice Chair of Graduate Medical Education
Rosemary A. Quirk, M.D., D.T.M.H.

Administrative Operations Manager
Belinda J. Rogers

Practice Managers
Chad W. Hood
Jill E. Kennedy

Director of Graduate Medical Education
Rosemary A. Quirk, M.D., D.T.M.H.

Director of Undergraduate Medical Education
Samuel T. Ives, M.D.

Associate Program Director
Michael J. Lawson, M.D.

Associate Program Director
Rawad Nasr, M.D.

Associate Program Director
Brian Yablon, M.D.

Faculty Development for Medical Education Director
Anne L. Becker, M.D.

Director of Performance Improvement
Daniel G. Hoody, M.D.

DIVISION DIRECTORS

Addiction Medicine
Gavin B. Bart, M.D., Ph.D.

Cardiology
Gautam R. Shroff, M.D.

Clinical Pharmacology
Mark G. LeSage, Ph.D.

Endocrinology, Metabolism, and Diabetes
Lisa H. Fish, M.D.

Gastroenterology
Robert J. Matlock, M.D.

General Internal Medicine (Interim)
Paul E. Johnson, M.D.

Geriatric and Palliative Medicine
Thomas J. Klemond, M.D.

Hematology and Medical Oncology
Douglas J. Rausch, M.D.

Hospital Medicine
Michael T. Rhodes, M.D.

Infectious Diseases
Jason V. Baker, M.D., M.S.

Integrative Health and Wellness
Richard Printon, D.C.

Nephrology
Kirsten L. Johansen, M.D.

Pulmonary, Allergy and Critical Care
Mark D. Sprenkle, M.D.

Rheumatology
Rawad Nasr, M.D.
Faculty
Incident Command

It was January 23, 2020 and Incident Command was pulled together to discuss what was going on in Wuhan, China. It was initially a smaller group with the Infection Prevention and Emergency Preparedness teams, amongst others. It was still unclear whether or not this was going to be something that we had to be concerned about, but a global pandemic was looking to be more and more likely. We knew that what was making people ill looked like a respiratory virus but didn’t know much yet about exactly how it spread and how contagious it would be.

On January 24, 2020, I sent out a communication to the medical staff with an up-to-date guide for providers about the virus and what to do if they suspected a case. A week later, I boarded a plane to Mexico for my annual escape from the winter cold and some R&R. I felt guilty to be leaving for a week with everything going on, but in hindsight I am so glad I did as upon return I was immersed in Incident Command managing the pandemic and have been doing COVID-19 work since.

As Medical Director of both Infection Prevention and Employee Occupational Health and Wellness, I felt this immense internal duty and responsibility to protect both our patients and our staff. I was working around the clock and began reading everything possible in the news and updates from the CDC to always stay one step ahead. Suddenly, I was doing television and news interviews, as well as radio shows with local experts to educate the public and share information. Incident Command rapidly expanded for fast action and coordinated decision making to include nearly every department in the hospital. I received the title of ‘Medical-Technical Specialist’ and I became the go-to person for “all things pandemic.” The work included guideline and policy writing, operational planning, assisting in developing a Viral Screening Clinic, making decisions about Personal Protective Equipment (PPE) and employee quarantine and travel, collaborating with the laboratory on testing, assisting informatics to build technical tools, answering clinical questions, and more.

While all of that was hard work, one of the most difficult jobs was hearing the frequent anxiety and fear from my colleagues and patients and wanting to ease people’s minds while still being straightforward about everything we didn’t know in a fast-paced ever-changing landscape.

In hindsight, I realize I somehow had an immense amount of authority that I didn’t really know if I was positioned to have, but in a crisis, I think we all just
focus and try to do what is right and worry about the details later. Thankfully, I have a team of incredible and dedicated partners in the Infectious Disease Division who took over my clinic patients and my hospital call weeks for a few months so I could focus all my efforts on the pandemic.

Over the next number of months, we rode the emotional waves which coincided with the viral pandemic waves, as well as tried to make sense of the killing of George Floyd and the violence and trauma to our communities that ensued. These events amplified the pandemic of racism, violence, and the health disparities that exist in minority groups. Our dedicated and incredible staff at Hennepin Healthcare has worked to bridge these gaps with partnerships in the community.

2020 has been both exhilarating and exhausting at the same time, but my ongoing motivation has always been to ensure the safety and wellbeing of my colleagues and our underserved patients. I felt that if we could walk out on the other side of the pandemic and say we didn’t lose any of our colleagues, it would be worth every ounce of lost sleep, tears, stress, and hard work. Hennepin Healthcare has been at the forefront in managing the pandemic since the start and I can't begin to say how proud I am to work at an organization that has weathered this global pandemic and cared for our underserved patient population with class, grace, grit, and heart.

Caitlin Eccles-Radtke, M.D.
Infectious Diseases Division
Clinic and Specialty Center

Monday, March 16, 2020. We all have days that will forever be imprinted on our lives, and I am sure this will be one of mine (plus, it’s just more pleasant to recall than Friday the 13th, our first day-long, full court press of planning the clinic). March 16th is the day we opened Hennepin Healthcare’s Downtown Viral Screening Clinic. The Viral Screening Clinic (VSC) created a space to safely care for patients coming downtown with symptoms of or exposure to COVID-19 while still being able to continue safe care for everyone else across the main campus too.

I am a primary care doctor and general internist with a strong public health perspective, and I just happened to also be the Medical Director of Hennepin Healthcare’s Clinic and Specialty Center (CSC) Internal Medicine Clinic when the COVID-19 pandemic took hold. Working with Infection Prevention, it first seemed that maybe a separated waiting area and partnership with the Internal Medicine Clinic team would be our course for providing care to symptomatic or exposed patients. In short order, however, it became clear that we would need something bigger (ultimately, much bigger). Megan Jorgenson, my leadership dyad as the Practice Manager for Internal Medicine Clinic, and I worked with a team of leaders who represented every part of Hennepin Healthcare on the front lines and behind the scenes. In a matter of days, we designed, put together, and opened the Viral Screening Clinic to fit into the old same-day surgery space that had been unused and empty for the preceding two years.

Day 1 was our first foray into rapid-scale changes with demand quickly exceeding our anticipation, calling on colleagues and friends to help get everyone seen and plan for Day 2. Little did I know, at the end of that 16-hour day, that 73 patients would be a fraction of what we would come to expect and be able to manage while still having a pretty good day! As Minneapolis continued to reel from the impacts of COVID-19 as well as the trauma and distress following the murder of George Floyd, the VSC team rallied for one another and for our community.

The team saw as many as 260 patients on our busiest summer days with visits spilling into the Blue Building courtyard. Rapid-scale changes and “pivoting” became our default as we designed and re-designed workflows, spaces, and teams through the end 2020 (and beyond).
We managed days when the line of patients snaked all the way down the block. We passed out masks and advice and work notes. We gave medications and food bags, arranged rides and isolation hotel stays. We tried to keep people out of the hospital but sometimes had to send them in. We built a “clinic within a clinic” first to do monoclonal antibody infusions and then to kick off COVID-19 vaccinations. We smiled (actually we beamed!) through masks at patients who were still smiling after a two-hour wait. We laughed because something was funny and sometimes just because we were tired. We exchanged gratitude for patience and grace, for listening and caring, and for just being there.

In some ways, with the pandemic ongoing, it’s hard to fully reflect on all of the moving pieces, mixed emotions, and other ups-and-downs of 2020. The ultimate “we did it” celebrations are still somewhere in the future. What I do know now, though, is that while I would never wish for the tragedy the pandemic has been, I’m so thankful for the experience of working with the incredible team that did and supported the work of the VSC and COVID-19 care at Hennepin Healthcare.

A. Katherine Hust, M.D., M.P.H.
General Internal Medicine Division
**Faculty 2020**

**Office of the Chair**
Mark Linzer, M.D. Professor
Roberta M. Meyers, M.D., M.P.H. Assistant Professor
Arti Prasad, M.D. Professor
Rosemary A. Quirk, M.D., D.T.M.H. Assistant Professor
Ronald L. Schut, M.D. Assistant Professor
Martin J. Stillman, M.D., J.D. Associate Professor

**Addiction Medicine**
Gavin B. Bart, M.D., Ph.D. Professor
Brian J. H. Grahan, M.D., Ph.D. Assistant Professor
Kathleen Heaney, M.D. Assistant Professor
JoAn R. Laes, M.D. Assistant Professor
Charles P. Reznikoff, M.D. Associate Professor

**Cardiology**
Richard W. Asinger, M.D. Professor*
Woubeshet Ayenew, M.D. Assistant Professor
Fouad A. Bachour, M.D. Assistant Professor
Michelle D. Carlson, M.D. Assistant Professor
David G. Fine, M.D. Assistant Professor
Steven R. Goldsmith, M.D. Professor
Charles A. Herzog, M.D. Professor
Omer J. Iqbal, M.D. Assistant Professor
Rehan M. Karim, M.D. Assistant Professor
Louis P. Kohl, M.D. Assistant Professor
Appesh N. Mohandas, M.D. Assistant Professor
Gautam R. Shroff, M.D. Associate Professor
Mengistu A. Simegn, M.D. Assistant Professor

**Clinical Pharmacology**
Andrew M. Busch, Ph.D., L.P. Associate Professor
Andrew C. Harris, Ph.D. Associate Professor
Sandra Japuntich, Ph.D., L.P. Associate Professor
Mark G. LeSage, Ph.D. Professor
Paul R. Pentel, M.D. Professor

**Endocrinology, Metabolism, and Diabetes**
Sarah Bou Malham, M.D. Assistant Professor
Allison J. Estrada, M.D. Assistant Professor
Lisa H. Fish, M.D. Assistant Professor
Sarah E. Kempainen, M.D. Assistant Professor
Laura T. LaFave, M.D. Assistant Professor

**Gastroenterology**
Aaron F. Brosam, M.D. Assistant Professor
Khalil Farah, M.D. Assistant Professor
Hernando Gonzalez, M.D. Assistant Professor
Ahmad H. Malli, M.D. Assistant Professor
Robert J. Matlock, M.D. Assistant Professor
Maria E. Moscandrew, M.D. Assistant Professor
Craig J. Peine, M.D. Associate Professor*

**General Internal Medicine**
Teresa I. Barrera-Anderson, M.D. Assistant Professor
Heather W. Baxter, M.D. Assistant Professor
Sara Champlin, M.D. Assistant Professor
Ellen M. Coffey, M.D. Assistant Professor
Carmen N. Divertie, M.D. Assistant Professor
Mary E. Erickson, M.D. Assistant Professor
Iesha A. Galloway-Gilliam, M.D. Assistant Professor
Elizabeth C. Goelz, M.D. Assistant Professor
Haeshik S. Gorr, M.D. Assistant Professor
A. Katherine Hust, M.D., M.P.H. Assistant Professor
Samuel T. Ives, M.D. Assistant Professor
Paul E. Johnson, M.D. Assistant Professor
Spencer Kinzie, M.D. Assistant Professor
Joshua Lackner, M.D. Assistant Professor
Kacia M. Lee, M.D. Assistant Professor
Hannah S. Lichtsinn, M.D. Assistant Professor
Mark Linzer, M.D. Professor
Wendy Miller, M.D. Assistant Professor*
Manji Osifeso, M.D. Assistant Professor
Deepti Pandita, M.D. Assistant Professor
Maarya Pasha, M.D. Assistant Professor
Anne G. Pereira, M.D., M.P.H. Associate Professor*
Douglas J. Pryce, M.D. Associate Professor

* Left Division in 2020.
Faculty 2020

General Internal Medicine (Cont.)
Danielle C. Robertshaw, M.D. Assistant Professor
Aaron D. Rutzick, M.D. Assistant Professor
Suzanne H. Schermerhorn, M.D. Assistant Professor*
Carla M. Schultz, M.D. Assistant Professor
Rachel Sandler Silva, M.D., M.P.H. Assistant Professor
Katherine G. Shafto, M.D. Assistant Professor
William Sinnett, M.D. Assistant Professor
Martin J. Stillman, M.D., J.D. Associate Professor
Haylee Veazey, M.D. Assistant Professor
Katherine D. Vickery, M.D., M.Sc. Assistant Professor
Meghan M. Walsh, M.D., M.P.H. Associate Professor
Isaac Weeks, M.D. Assistant Professor
Erica J. Weiss, M.D. Assistant Professor
Allison S. Wert, M.D. Assistant Professor
Tyler NA Winkelman, M.D., M.Sc. Assistant Professor

Geriatric and Palliative Medicine
Mariam Anwar, M.D. Assistant Professor
Ryan Jozwiak, M.D. Assistant Professor
Lawrence J. Kerzner, M.D. Assistant Professor
Thomas J. Klemond, M.D. Assistant Professor
Samuel Maiser, M.D. Assistant Professor
Martha L. McCusker, M.D. Assistant Professor
Roberta M. Meyers, M.D., M.P.H. Assistant Professor
Anne M. Murray, M.D., M.Sc. Professor
Jeffrey B. Rubins, M.D. Professor*
Kerry M. Sheets, M.D. Assistant Professor
Ruth Szajner, M.D. No appointment*

Hematology and Medical Oncology
Satya V. Bommakanti, M.D. Assistant Professor
Nicole Jacoby, M.D. Assistant Professor
Rachel Koreth, M.D. Assistant Professor
Richard J. Lee, M.D. Assistant Professor
Vicki A. Morrison, M.D. Professor
Daniel F. Pease, M.D. Assistant Professor
Natarajan V. Raman, M.B.B.S., M.D. Assistant Professor
Douglas J. Rausch, M.D. Assistant Professor
Karim R. Saab, M.D. Assistant Professor

Hospital Medicine
William S. Allen, M.D. Assistant Professor
Anne L. Becker, M.D. Assistant Professor
Anushree Bora, M.D. Assistant Professor
Nicholas S. Briese, M.D. Assistant Professor*
Max Fraden, M.D. Assistant Professor
Selome G. Gezahagn, M.D. Assistant Professor (pending)
Brita M. Hansen, M.D. Assistant Professor
Eric J. Hazen, M.D. Assistant Professor
David R. Hilden, M.D., M.P.H. Associate Professor
Awil W. Hirs, M.D. Assistant Professor
Daniel G. Hoody, M.D. Assistant Professor
Ann Isaksen, M.D. Assistant Professor
Matthew Kalina, M.D. Assistant Professor
Matthew D. Klein, M.D. Assistant Professor
Adam G. Kolb, M.D. Assistant Professor
Michael J. Lawson, M.D. Assistant Professor
Matthew S. Lehnert, M.D. Assistant Professor
Melanie W. Lo, M.D. Assistant Professor
Kayla Lundeen, D.O. Assistant Professor
Abdirahman Madar, M.D. Assistant Professor
David Melling, M.D. Assistant Professor
Robert K. Mittet, M.D. Assistant Professor
Elizabeth M. Moorhead, M.D. Assistant Professor*
Bishara A. Nassir, M.D. Assistant Professor
Patrick O’Connor, M.D. Assistant Professor
Vignesh Williams Palaniappan, M.D. Assistant Professor
Justine M. Pidcock, M.D. Assistant Professor
Rosemary A. Quirk, M.D., D.T.M.H. Assistant Professor
Michael T. Rhodes, M.D. Assistant Professor
Steven Richmond, D.O. Assistant Professor
Aaron D. Rutzick, M.D. Assistant Professor
Christine Schwab, M.D. Assistant Professor
Wendy A. Stansbury-O’Donnell, M.D. Assistant Professor
David B. Van Schyndel, M.D. Assistant Professor
Aman Verma, D.O. Assistant Professor*
Shirlee X. Xie, M.D. Assistant Professor
Brian Yablon, M.D. Assistant Professor
Matthew Young, M.D. Assistant Professor
Maja Zioncheck, M.D. Assistant Professor

* Left Division in 2020.
Infectious Diseases
Jason V. Baker, M.D., M.S. Associate Professor
Jessica L. Boettcher, D.O. Assistant Professor
Caitlin Eccles-Radtke, M.D. Assistant Professor
Anne E.P. Frosch, M.D. Associate Professor
W. Keith Henry, M.D. Professor and Clinical Assistant Professor, School of Public Health
R. Bryan Rock, M.D. Associate Professor
Ronald L. Schut, M.D. Assistant Professor
Kay E. Schwebke, M.D., M.P.H. Assistant Professor*
Megan K. Shaughnessy, M.D. Assistant Professor
Margaret L. Simpson, M.D. Assistant Professor*
Nicholas S. Vogenthaler, M.D. Assistant Professor
Rebecca J. Zadroga, M.D. Assistant Professor

Nephrology
David C. Dahl, M.D. Assistant Professor
Keith E. Eidman, D.O. Assistant Professor
David T. Gilbertson, Ph.D. Associate Professor
Allyson Hart, M.D., M.S. Assistant Professor
Danielle G. Haselby, D.O. Assistant Professor
Ajay K. Israni, M.D., M.S. Professor
Kirsten L. Johansen, M.D. Professor
Bertram L. Kasiske, M.D. Professor
Saugar Maripuri, M.D., M.P.H. Assistant Professor
Eileen A. O’Shaughnessy, M.D. Assistant Professor
Meena Sahadevan, M.D. Assistant Professor
John R. Silkensen, M.D. Assistant Professor
Connie Wang, M.D. Associate Professor
Jeffrey H. Wang, M.D. Assistant Professor
James B. Wetmore, M.D., M.S. Professor
Jennifer F. Wu, D.O. Assistant Professor

Pulmonary, Allergy and Critical Care
Scott F. Davies, M.D. Professor
Kenneth W. Dodd, M.D. Assistant Professor
Joshua M. Dorn, M.D. Assistant Professor
Heidi L. Erickson, M.D. Assistant Professor
Robert Kempainen, M.D. Associate Professor
James W. Leatherman, M.D. Professor
Michele M. LeClaire, M.D. Assistant Professor
William A. Marinelli, M.D. Associate Professor
Matthew E. Prekker, M.D., M.P.H. Associate Professor
Robert S. Shapiro, M.D. Assistant Professor
Mark D. Sprenkle, M.D. Assistant Professor
John B. Sweet, M.D. Assistant Professor

Rheumatology
Ronald R. Molony, M.D. Assistant Professor
Rawad Nasr, M.D. Assistant Professor
Linh Ngo, D.O. Assistant Professor
Peter A. Schlesinger, M.D. Assistant Professor
Zaki Abou Zahr, M.D. Assistant Professor

Medical Education Program
Anne L. Becker, M.D. Assistant Professor
Hospital Medicine
Samuel T. Ives, M.D. Assistant Professor
General Internal Medicine
Michael J. Lawson, M.D. Assistant Professor
Hospital Medicine
Rawad Nasr, M.D. Assistant Professor
Rheumatology
Rosemary A. Quirk, M.D., D.T.M.H. Assistant Professor
Hospital Medicine
Brian Yablon, M.D. Assistant Professor
Hospital Medicine

Medicine Chief Residents (2019-2020)
Melissa Eelkema, M.D. Instructor*
Benjamin A. Sudolcan, M.D. Instructor*
Jessalyn A. Weaver, M.D. Instructor*

Medicine Chief Residents (2020-2021)
Jeffrey Larson, M.D. Instructor
Joseph Steffens, M.D. Instructor
Kathleen Wilcox, M.D. Instructor

* Left Division in 2020.
<table>
<thead>
<tr>
<th>DIVISION</th>
<th>NAME</th>
<th>FORMER ACADEMIC POSITION</th>
<th>CURRENT POSITION</th>
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</thead>
<tbody>
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<td>Richard W. Asinger, M.D.</td>
<td>Professor</td>
<td>Retirement</td>
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<tr>
<td>Gastroenterology</td>
<td>Craig J. Peine, M.D.</td>
<td>Associate Professor</td>
<td>Hennepin Healthcare Institutional Review Board</td>
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<td>May 2020</td>
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<td>General Internal Medicine</td>
<td>Wendy Miller, M.D.</td>
<td>Assistant Professor</td>
<td>Fellow, General Internal Medicine</td>
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<tr>
<td></td>
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<td>Veterans Administration Medical Center</td>
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<td>Minneapolis, Minnesota</td>
</tr>
<tr>
<td></td>
<td>Anne G. Pereira, M.D., M.P.H.</td>
<td>Associate Professor</td>
<td>Fellow, Hospice and Palliative Medicine</td>
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<td>University of Minnesota</td>
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<td>Minneapolis, Minnesota</td>
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<td>Suzanne H. Schermerhorn, M.D.</td>
<td>Assistant Professor</td>
<td>In transition</td>
</tr>
<tr>
<td>Geriatric and Palliative Medicine</td>
<td>Jeffrey B. Rubins, M.D.</td>
<td>Professor</td>
<td>Retirement</td>
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<td>March 2020</td>
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<td></td>
<td>Ruth Szajner, M.D.</td>
<td>N/A</td>
<td>In transition</td>
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<td>July 2020</td>
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<tr>
<td>Hospital Medicine</td>
<td>Nicholas S. Briese, M.D.</td>
<td>Assistant Professor</td>
<td>On Leave</td>
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<td>January 2020</td>
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<td></td>
<td>Elizabeth M. Moorhead, M.D.</td>
<td>Assistant Professor</td>
<td>Internist</td>
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<td>Veterans Administration Medical Center</td>
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<td>Minneapolis, Minnesota</td>
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<td></td>
<td>Aman Verma, D.O.</td>
<td>Assistant Professor</td>
<td>Hospitalist</td>
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<td>Mayo Clinic and Hospital</td>
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<td>Phoenix, Arizona</td>
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<td>October 2020</td>
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<tr>
<td>Infectious Diseases</td>
<td>Kay E. Schwebke, M.D.</td>
<td>Assistant Professor</td>
<td>Medical Director, Optum</td>
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<td>Eden Prairie, Minnesota</td>
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<td>Margaret L. Simpson, M.D.</td>
<td>Assistant Professor</td>
<td>Retirement</td>
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<td>March 2020</td>
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<td>Medical Education Program</td>
<td>Melissa Eelkema, M.D.</td>
<td>Instructor</td>
<td>Internist</td>
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<td>Alameda Health System</td>
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<td>June 2020</td>
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<tr>
<td>Medicine Chief Residents</td>
<td>Benjamin A. Sudolcan, M.D.</td>
<td>Instructor</td>
<td>Fellow, Pulmonary–Critical Care</td>
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<td>June 2020</td>
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<td>Jessalyn A. Weaver, M.D.</td>
<td>Instructor</td>
<td>Internist</td>
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<td>Fairview Southdale Hospital</td>
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<td>June 2020</td>
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<td>DIVISION</td>
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<tr>
<td>Cardiology</td>
<td>Appesh N. Mohandas, M.D.</td>
<td>Cardiovascular Diseases Fellow Emory University Atlanta, Georgia</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>General Internal Medicine</td>
<td>Hannah S. Lichtsinn, M.D.</td>
<td>Medical Director Camp Butwin Medicine Eagan, Minnesota; Children's Hospital and Clinics Division of Hematology and Oncology Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
</tr>
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<td></td>
<td>Maarya Pasha, M.D.</td>
<td>Fellow, General Internal Medicine/ Quality Improvement Track The Mayo Clinic Rochester, Minnesota</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Geriatric and Palliative Medicine</td>
<td>Ryan Jozwiak, M.D.</td>
<td>Hospice and Palliative Medicine Fellow Medical College of Wisconsin Milwaukee, Wisconsin</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>Kerry M. Sheets, M.D.</td>
<td>Advanced Fellowship in Clinical and Health Services Research, Center for Care Delivery and Outcomes Research Minneapolis Veterans Medical Center Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Hospital Medicine</td>
<td>Matthew Kalina, M.D.</td>
<td>Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
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<tr>
<td></td>
<td>Kayla Lundeen, D.O.</td>
<td>Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
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<td>Patrick O’Connor, M.D.</td>
<td>Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
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<td>Vignesh W. Palaniappan, M.D.</td>
<td>Internal Medicine Resident University of Minnesota Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
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<td></td>
<td>Michael T. Rhodes, M.D.</td>
<td>Lead Hospitalist, General Internal Medicine Division University of Minnesota Minneapolis, Minnesota</td>
<td>Assistant Professor</td>
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<tr>
<th>DIVISION</th>
<th>NAME</th>
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<tr>
<td>Pulmonary, Allergy and Critical Care</td>
<td>Kenneth W. Dodd, M.D.</td>
<td>Intensivist and Director of Research, Emergency Medicine</td>
<td>Assistant Professor</td>
<td>November 2020</td>
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<td>Advocate for Christ Medical Center</td>
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<td>Chicago, Illinois</td>
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<td>Joshua M. Dorn, M.D.</td>
<td>Allergist/Immunologist</td>
<td>Assistant Professor</td>
<td>September 2020</td>
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<td>Midwest Allergy and Asthma</td>
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<td>St. Paul, Minnesota</td>
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<td>Medical Education Program:</td>
<td>Jeffrey J. Larson, M.D.</td>
<td>Internal Medicine Resident</td>
<td>Instructor</td>
<td>July 2020</td>
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<td>Medicine Chief Residents</td>
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<td>Hennepin Healthcare</td>
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<td>Minneapolis, Minnesota</td>
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<td>Joseph D. Steffens, M.D.</td>
<td>Internal Medicine Resident</td>
<td>Instructor</td>
<td>July 2020</td>
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<td>Hennepin Healthcare</td>
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<td>Minneapolis, Minnesota</td>
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<td>Kathleen A. Wilcox, M.D.</td>
<td>Internal Medicine Resident</td>
<td>Instructor</td>
<td>July 2020</td>
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<td>Hennepin Healthcare</td>
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<td>Minneapolis, Minnesota</td>
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</table>
2020 Honors and Recognition of Faculty

OFFICE OF THE CHAIR

Arti Prasad, M.D.
Department Chair
Advisory Committee, FORESIGHT, The Rippel Foundation
Board of Directors, Pathways
Consortium of Academic Health Centers for Integrative Medicine:
• Clinical Working Work Member
• Steering Committee
Founding Board of Directors, American Board of Integrative Medicine
Nomination Committee, Association of Chiefs and Leaders in General Internal Medicine

Mark Linzer, M.D., M.A.C.P.
Vice Chair of Education, Mentorship, and Scholarship
100 Most Influential Health Care Leaders, Minnesota Physician
Wellness Infrastructure Committee, American College of Physicians
Best Doctors of America
Robert J. Glaser Award, Society of General Internal Medicine

Roberta M. Meyers, M.D. M.P.H.
Vice Chair of Clinical Affairs
Agency for Healthcare Research and Quality, ECHO National Nursing Home COVID-19 Action Network, Project Lead for the Hennepin Healthcare System Training Center
Minnesota Association of Geriatrics Inspired Clinicians:
• Board of Directors
• Editor, TOPICS e-newsletter
• Immediate Past President
Minnesota Gerontological Society:
• Board of Directors
• Education Committee
• President-Elect
Best Doctors of America
Medical Staff Honors Award, Outstanding Achievement in Community Engagement, Hennepin Healthcare
Top Doctors Award, Minnesota Monthly Magazine

Rosemary Quirk, M.D.
Vice Chair of Graduate Medical Education
Medical Staff Honors Award, Outstanding Achievement in Academics, Hennepin Healthcare

Ronald L. Schut, M.D.
Vice Chair of Fiscal Affairs
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Martin J. Stillman, M.D., J.D.
Vice Chair of Department and Faculty Affairs
Advisory Board, Health Law Institute, Hamline University School of Law
Advisory Committee, Minnesota Medicine
Council Member, American Arbitration Association, Health Care Dispute Resolution Advisory Council
Minnesota COVID-19 Ethics Collaborative Committee, Minnesota Department of Health, State Health Care Coordination Center, Minnesota Hospital Association, and the University of Minnesota
Best Doctors of America

ADDITION MEDICINE

Gavin B. Bart, M.D., Ph.D.
Advisory Board, US Substance Abuse and Mental Health Services Administration, South East Asia HIV Addiction Technology Transfer Center
National Institute on Drug Abuse, Center for the Clinical Trials Network:
• Research Development Committee
• Review Committee, Development of Medications to Prevent and Treat Opioid Use Disorders and Overdose Vice Chair, Steering Committee
Region VI Director, American Society of Addiction Medicine
Scientific Advisory Board, DRIVE (Drug use and blood-borne infections in Vietnam)
Top Doctors Award, Minnesota Monthly Magazine
Associate Editor, Addiction Science and Clinical Practice
2020 Honors and Recognition of Faculty

**ADDITION MEDICINE (CONT.)**

**Brian J. H. Grahan, M.D., Ph.D.**
Medication Assisted Treatment Work Group, Institute for Clinical Systems Improvement
Top Doctors Award, *Minnesota Monthly* Magazine

**JoAn R. Laes, M.D.**
American College of Medical Toxicology:
• Annual Scientific Meeting Organizing Committee
• Co-Chair, Addiction Medicine Committee
• Education Committee
• Leader, Practice Management Sub-section, Practice Development Specialty Interest Section
American Society of Addiction Medicine:
• Chair, Medical Toxicology Workgroup
• President, Minnesota Chapter
Top Doctors Award, *Minnesota Monthly* Magazine

**Charles P. Reznikoff, M.D.**
American College of Physicians:
• Council
• Pain Management Advisory Committee
• Quality Improvement Champion, Inpatient Opioid Prescribing
• Scientific Planning Committee
Governor’s Task Force for Medical Cannabis
Medical Advisory Committee, Steven Rummler Memorial Foundation
Minnesota Health Collaborative, Institute for Clinical Systems Improvement:
• Opioid Oversight Working Group Leader
• Representative to the Minnesota Health Collaborative
Minnesota Medical Association:
• Advisory Committee, Minnesota CME Mandate – Best Practices in Prescribing Opioids and Controlled Substances
• Continuing Medical Education Activity Director, Pain Opioids and Addiction Lecture Series
• Continuing Medical Education Mandate Advisory Group

**CARDIOLOGY**

**Woubeshet Ayenew, M.D.**
Board of Directors, American Heart Association
Founder and Chairman, Ethiopian Community Health Board
Top Doctors Award, *Minnesota Monthly* Magazine
Top Doctors Award, *Mpls.St.Paul Magazine*

**Michelle D. Carlson, M.D.**
Distinguished Teacher Award, Fellowship Training Program in Cardiovascular Fellows, Hennepin Healthcare/Abbott Northwestern Hospital
Best Staff Teacher Award, Department of Medicine, Hennepin Healthcare
Top Doctors Award, *Minnesota Monthly* Magazine

**Steven R. Goldsmith, M.D.**
Director, Minnesota Heart Failure Consortium

**Charles A. Herzog, M.D.**
Chair, Critical Event Committee, Canadian-Australasian Randomized Trial of Screening Kidney Transplant Candidates for Coronary Artery Disease (CARSK)
Co-Chair, Kidney Health Initiative Workgroup, Understanding and Overcoming the Exclusion of Patients with Kidney Disease from Cardiovascular Trials
Co-Chair, Planning Committee, Kidney Disease: Improving Global Outcomes (KDIGO) Chronic Kidney Disease, Heart, and Vasculature Conference Series
Data Monitoring Committee, A Study in Children With Hyperkalaemia Between Birth and <18 Years of Age to Evaluate Doses of Sodium Zirconium Cyclosilicate (SZC) for Correction of Hyperkalaemia and Effectiveness of Same Dose to Maintain Normokalaemia.
Data Monitoring Committee, The Study of Heart and Kidney Protection with Empagliflozin (EMPA-KIDNEY) Trial
2020 Honors and Recognition of Faculty

CARDIOLOGY (CONT.)

Charles A. Herzog, M.D. (cont.)
Executive Committee, DIALIZE-OUTCOMES Trial (Effect of Sodium Zirconium Cyclosilicate on Arrhythmia-related Cardiovascular Outcomes in Participants on Chronic Hemodialysis With Recurrent Hyperkalemia)
Steering Committee, Canadian-Australasian Randomized Trial of Screening Kidney Transplant Candidates for Coronary Artery Disease (CARSK)
Editorial Board, American Heart Journal

Rehan M. Karim, M.D.
Audit Committee, Heart Rhythm Society
Top Doctors Award, Minnesota Monthly Magazine

Louis P. Kohl, M.D.
Interventional Cardiology Item Writing Task Force, American Board of Internal Medicine
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Gautam R. Shroff, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine

Mengistu A. Simegn, M.D.
Adjudication Member, Clinical End Point Committee for the CARSK (Canadian-Australian Randomized Trial of Screening Kidney Transplant Candidates for Coronary Artery Disease)
Top Doctors Award, Minnesota Monthly Magazine

CLINICAL PHARMACOLOGY

Andrew M. Busch, Ph.D., MSc
Reviewer, Single Site Clinical Trials and Pilot Studies (SSPT), NHLBI Standing Study Section
Society for Behavioral Medicine:
• Chair, Cardiovascular Disease Special Interest Group
• Chair, Topic Area Cardiovascular Disease, Society for Behavioral Medicine Conference
Editorial Board, Clinical Psychology Review

Andrew C. Harris, Ph.D.
Special Emphasis Panel ZRG1 IFCN-E (56), Tobacco Regulatory Science: Understanding Tobacco Product Toxicology and Abuse Liability, National Institutes of Health, Food and Drug Administration

Sandra Japuntich, Ph.D.
Lung Cancer Screening Conference Planning Committee, A Breath of Hope Lung Foundation
Lung Mind Alliance, American Lung Association

Mark G. LeSage, Ph.D.
Consultant, Center for Tobacco Products, Food and Drug Administration
Editorial Board, Journal of the Experimental Analysis of Behavior

Paul R. Pentel, M.D.
Board of Directors, Association for Non-Smokers Commercial Tobacco Cessation Advisory Committee, Minnesota Department of Health

ENDOCRINOLOGY, METABOLISM AND DIABETES

Sarah Bou Malham, M.D.
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Lisa H. Fish, M.D.
Executive Committee, International Society of Endocrinology
Top Doctors Award, Minnesota Monthly Magazine

Sarah E. Kempainen, M.D.
Advisory Board, YMCA Diabetes Prevention

Laura T. LaFave, M.D.
Top Doctors Award, Minnesota Monthly Magazine
2020 Honors and Recognition of Faculty

GASTROENTEROLOGY

Aaron F. Brosan, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Khalil Farah, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Hernando Gonzalez, M.D.
American Society for Gastrointestinal Endoscopy:
- Chair, Special Interest Group, Latin America
- International Committee
- Vice Chair, Latin America International Committee
Director of Publications, Inter-American Society of Digestive Endoscopy

Robert J. Matlock, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Maria E. Moscandrew, M.D.
Top Doctors Award, *Mpls.St.Paul Magazine*

Craig J. Peine, M.D.
Best Doctors of America

Elizabeth C. Goelz, M.D.
Distinguished Alumni Award, Department of Medicine, University of Minnesota Medical School
Top Doctors Award, *Minnesota Monthly Magazine*

A. Katherine Hust, M.D., M.P.H.
Hennepin Health Clinical Strategy Committee, Hennepin Health Plan
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Samuel T. Ives, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Paul E. Johnson, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Spencer Kinzie, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Kacia M. Lee, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Hannah S. Lichtsinn, M.D.
American Academy of Pediatrics:
- Board Member, Minnesota Chapter
- Co-Chair, Health Policy
Chair, Executive Board, Our Stories. Our Health
Co-Founder, Minnesota Immigrant Health Alliance
Leaders in Health Policy Program, Scholar Society of General Internal Medicine
Right 2 Health Action:
- Core Team
- Policy Team

Mark Linzer, M.D., M.A.C.P.
See Office of the Chair

GENERAL INTERNAL MEDICINE

Sara Champlin, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Ellen M. Coffey, M.D.
Planning Committee, Chronic Kidney Disease Update for Primary Care, National Kidney Foundation, Minnesota Chapter
Professional Advisory Board, Minnesota Visiting Nursing Agency
Distinguished Alumni Award, Department of Medicine, University of Minnesota Medical School
Top Doctors Award, *Minnesota Monthly Magazine*
Top Doctors Award, *Mpls.St.Paul Magazine*
GENERAL INTERNAL MEDICINE (CONT.)

Deepti Pandita, M.D.
American Medical Informatics Association:
• Board of Directors, Physicians in Informatics
• National Member, Clinical Decision Support Work Group
• Primary Work Group
• Women in Informatics Task Force
Board of Directors, Minnesota Doctors for Health Equity
Chair, Health Information Technology Committee, Minnesota American College of Physicians
Future Vision Work Group, Agency for Healthcare Research and Quality (AHRQ), AHRQ Evidence-Based Care Transformation Support (ACTS)
Inducted into the Fellows of America Medical Informatics Association (FAMIA) Research and Scholarship
National American College of Physicians:
• Digital Health Committee
• Telehealth Committee
• Vice Chair, Medical Informatics Committee
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Anne G. Pereira, M.D., M.P.H.
Alliance for Academic Internal Medicine:
• Association of Program Director USMLE Scenario Planning Work Group
• Chair, Application Inflation Work Group, Medical Student to Resident Interface Committee
• Governance Committee
Councilor, Clerkship Directors in Internal Medicine
Mock Site Visitor, Accreditation Council for Graduate Medical Education International
Policy Council, Minnesota Medical Association
Best Doctors of America

Danielle C. Robertshaw, M.D.
National Health Care for the Homeless Council:
• Board of Directors
• Clinicians’ Network
• Policy Committee
• Respite Care Provider’s Network
Achievement Award in Health Category, National Association of Counties
2020 Innovator Awards, Healthcare Innovation

Aaron D. Rutzick, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Carla M. Schultz, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Rachel Sandler Silva, M.D., M.P.H.
Community Volunteerism Award, American College of Physicians, Minnesota Chapter
Employee of the Month, Jail Health Services, Hennepin Healthcare
Super Hero of the Year, Jail Health Services, Hennepin Healthcare
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Katherine G. Shafto, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Martin J. Stillman, M.D., J.D.
See Office of the Chair

Haylee Veazey, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare
Staff Excellence Award, Adult Gender and Sexual Health Clinic Medical Director, Hennepin Healthcare
2020 Honors and Recognition of Faculty

GENERAL INTERNAL MEDICINE (CONT.)

Katherine D. Vickery, M.D., M.Sc.
Co-Director, Homelessness Special Interest Group, North American Primary Care Research Group
Invited Scholar, Institute for Implementation Science Scholars (IS-2), Washington University, St. Louis, Missouri
National Health Care for the Homeless Council:
  • Board Member
  • Chair, Research Committee
Department of Medicine Research Award, Special Mention Scholarship, Hennepin Healthcare
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Meghan M. Walsh, M.D., M.P.H.
Chair, Board of Directors, Metro Minnesota Council on Graduate Medical Education
Site Surveyor, Clinical Learning Environment Review, Accreditation Council for Graduate Medical Education
Top Doctors Award, Mpls.St.Paul Magazine

Isaac Weeks, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Allison S. Wert, M.D.
Staff Excellence Award-Clinical Team, Downtown Viral Screening Clinic, Hennepin Healthcare

Tyler N.A. Winkelman, M.D., M.Sc.
Advisory Board, Measurement Framework Steering Committee, Minnesota Department of Health
Board of Directors, Academic Consortium on Criminal Justice Health
Board of Directors, Twin Cities Medical Society

GERIATRIC AND PALLIATIVE MEDICINE

Mariam Anwar, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Lawrence J. Kerzner, M.D.
Board of Directors, Minnesota Elder Justice Center
Consultant, State of Minnesota Attorney General’s Office for Criminal Elder Mistreatment
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine

Thomas J. Klemond, M.D.
Top Doctors Award, Minnesota Monthly Magazine

Samuel Maiser, M.D.
Keynote Speaker, HealthPartners Neurology Update symposium, Park Nicollet Clinic and Specialty Center
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Martha L. McCusker, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine

Robert M. Meyers, M.D. M.P.H.
See Office of the Chair

Anne M. Murray, M.D., M.Sc.
Review Panel Member, Data Safety and Monitoring Board NIA FIT- AD

Kerry M. Sheets, M.D.
Education Committee, Minnesota Association of Geriatrics Inspired Clinicians Annual Conference

HEMATOLOGY AND MEDICAL ONCOLOGY

Satya V. Bommakanti, M.D.
Top Doctors Award, Minnesota Monthly Magazine

Rachel Koreth, M.D.
Top Doctors Award, Minnesota Monthly Magazine
2020 Honors and Recognition of Faculty

HEMATOLOGY AND MEDICAL ONCOLOGY (CONT.)

Vicki A. Morrison, M.D.
Advisory Committee on Immunization Practices, Herpes Zoster Working Group, Centers for Disease Control
Alliance for Clinical Trials in Oncology:
• Cancer in the Older Adult Committee
• Lymphoma Core Committee
American Society of Clinical Oncology:
• Appropriate Chemotherapy Dosing for Obese Adult Patients with Cancer, Clinical Practice Guideline Update
• Daily News Writing/Podcast Sources Committee
• In-Training Exam Task Force
Executive Council, Immunocompromised Host Society
International Society of Geriatric Oncology:
• Board of Directors
• Chair, Hematology Case Discussion Group
• Chair, Publications Committee
• Membership and National Representative Committee, Midwest Region
• National Representative, Steering Committee, North America
Scientific Committee on Lymphoid Neoplasia, American Society of Hematology
Editorial Board, Journal of Geriatric Oncology

Daniel F. Pease, M.D.
Board of Directors, Minnesota Society of Clinical Oncology
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Douglas J. Rausch, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Karim R. Saab, M.D.
American Society of Clinical Oncology:
• Board of Directors
• Item Writing Committee

HOSPITAL MEDICINE

William S. Allen, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Anne Becker, M.D.
Recognize You Award for Problem Solver, Hennepin Healthcare
Wellness Champion, Minnesota Chapter of American College of Physicians

David R. Hilden, M.D., M.P.H.
American College of Physicians:
• Health and Public Policy Committee
• Vice Chair
Governor, Minnesota Chapter of the American College of Physicians
Minnesota’s 100 Most Influential Health Care Leaders, Minnesota Physician
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Ann Isaksen, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Matthew D. Klein, M.D.
Minnesota State:
• Capital Investment
• Health and Human Services Finance and Policy
• Health Services Reform Finance and Policy
• Senator

Adam G. Kolb, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Michael J. Lawson, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Melanie W. Lo, M.D.
Clinical Excellence Award, Department of Medicine, Hennepin Healthcare
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine
HOSPITAL MEDICINE (CONT.)

Kayla Lundeen, D.O.
Craig Garrett Excellence in Practice of Primary Care Medicine Award, Hennepin Healthcare

Abdirahman Madar, M.D.
Board of Directors, Horn Development Center

Robert K. Mittet, M.D.

Elizabeth M. Moorhead, M.D.

Rosemary Quirk, M.D.
See Office of the Chair

Steven Richmond, D.O.

Shirlee X. Xie, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Brian Yablon, M.D.
Minnesota Steering Committee, Physicians for a National Health Program

Matthew Young, M.D.
Exceptional Affiliate Faculty Teaching Award, University of Minnesota Medical School

Maya Zioncheck, M.D.
Craig Garrett Excellence in Practice of Primary Care Medicine Award, Hennepin Healthcare

INFECTIOUS DISEASES

Jason V. Baker, M.D., M.S., F.IDSA.
Data and Safety Monitoring Board, HIV/Canakinumab Trial: Effect of IL-1 Inhibition on Inflammation and Cardiovascular Risk, funded by United States National Institutes of Health
Letter of Recognition for work on COVID-19 treatment protocols from Dr. Anthony Fauci, Director of the National Institute of Allergy and Infectious Diseases
National Institutes of Health Study Section (invited reviewer), HIV Comorbidities and Clinical Studies Study Section
Protocol Development Team, NIH ACTIV-3 Trial (Accelerating COVID-19 Therapeutic Interventions and Vaccines): A multicenter, adaptive, randomized blinded controlled trial of the safety and efficacy of investigational therapeutics for hospitalized patients with COVID-19
Protocol Team, Strategic Timing of Anti-Retroviral Treatment (START) Trial
Remdesivir Allocation Framework Group, Minnesota COVID Ethics Collaborative (MCEC)
Scientific Steering Committee, ACTIV-3 network (Accelerating COVID-10 Therapeutic Interventions and Vaccines), NIH and Operation Warp Speed (WOS)
Scientific Steering Committee, International Network for Strategic Initiatives in Global HIV Trials
Trial of Adding Maraviroc and/or Metformin for Hepatic Steatosis in HIV-1-infected adults on Combination Antiretroviral Therapy
Trial Steering Committee, MAVMET Trial, A multicenter, 48 Week Randomized Controlled Factorial
United States Department of Health and Human Services Panel on Antiretroviral Guidelines for Adults and Adolescents with HIV
United States National Institutes of Health Panel on Coronavirus Disease 2019 (COVID-19) Treatment Guidelines
Department of Medicine Research Excellence Award, Hennepin Healthcare
Top Doctors Award, *Minnesota Monthly Magazine*
Editorial Panel, *HIV Medicine*
2020 Honors and Recognition of Faculty

INFECTIOUS DISEASES (CONT.)

Jessica L. Boettcher, D.O.

Caitlin Eccles-Radtke, M.D.
Staff Excellence Award, Hennepin Healthcare
Top Doctors Award, *Minnesota Monthly Magazine*

Anne E.P. Frosch, M.D., M.P.H.
National Institute of Allergy and Infectious Diseases, National Institutes of Health Study Section (invited reviewer)
Rapid Investigation of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Coronavirus Disease 2019 (COVID-19) Study Section

W. Keith Henry, M.D.
Executive Committee, Study to Understand the Natural History of HIV/AIDS in the Era of Effective Therapy (SUN Study), Center for Disease Control
Planning Council, Minnesota Ryan White
Editorial Boards:
• *AIDS Clinical Care*
• *Journal of AIDS*

Ronald L. Schut, M.D.
See Office of the Chair

Megan K. Shaughnessy, M.D.
Medical Monitor, National Institute of Allergy and Infectious Diseases (NIAID), Inpatient Treatment with anti-Coronavirus Immunoglobulin (ITAC), University of Minnesota
Top Doctors Award, *Minnesota Monthly Magazine* and featured on magazine cover

Nicholas S. Vogenthaler, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

Rebecca J. Zadroga, M.D.
Top Doctors Award, *Minnesota Monthly Magazine*

NEPHROLOGY

Keith E. Eidman, D.O.
Top Doctors Award, *Minnesota Monthly Magazine*
Top Doctors Award, *Mpls.St.Paul Magazine*

David T. Gilbertson, Ph.D.
External Expert Panel for the Chronic Renal Insufficiency Cohort (CRIC) Studies, National Institute of Diabetes and Digestive and Kidney Disease, National Institutes of Health

Allyson Hart, M.D., M.S.
Event Adjudication Committee, Canadian-Australasian Randomised Trial of Screening Kidney Transplant Recipients for Coronary Artery Disease (CARSK Trial)
Safety Officer, Data and Safety Monitoring Board: Mindful Movement for Physical Activity and Wellbeing in Older Adults: A Community Based Randomized Hybrid Effectiveness-Implementation Study
American Journal of Transplantation Award: Clinical Research, *American Society of Transplantation*
Top Doctors Award, *Minnesota Monthly Magazine*

Danielle G. Haselby, D.O.

Ajay K. Israni, M.D., M.S.
Kidney Precision Medicine Project COVID-19 Data Safety Monitoring Board, NIDDK, NIH
Scientific Registry of Transplant Recipients:
• Deputy Project Director
• Medical Director
2020 Honors and Recognition of Faculty

NEPHROLOGY

Kirsten L. Johansen, M.D.
Conference Co-Chair, Central and Peripheral Vascular Disease in Chronic Kidney Disease, Dublin, Ireland, Kidney Disease: Improving Global Outcomes
Observational Study Monitoring Board, Study of Physical Resilience and Aging, National Institute of Aging
Steering Committee, Glaxo Smith Kline Anaemia Studies in CKD: Erythropoiesis via a Novel PHI Daprodustat (ASCEND) Study
United States Renal Data System, Director
Associate Editor, Journal of the American Society of Nephrology
Editorial Board:
• American Journal of Kidney Diseases
• Clinical Journal of the American Society of Nephrology
• Journal of the American Society of Nephrology
• Journal of Renal Nutrition
• Kidney International
Theme Editor, Hemodialysis, Nephrology, Dialysis, Transplantation

Eileen A. O’Shaughnessy, M.D.
Top Doctors Award, Minnesota Monthly Magazine

James B. Wetmore, M.D., M.S.
Event Adjudication Committee, Canadian-Australasian Randomised Trial of Screening Kidney Transplant Recipients for Coronary Artery Disease (CARSK Trial)
United States Renal Data System, Deputy Director
American Journal of Kidney Diseases Reviewer Hall of Fame
Editorial Board, Clinical Journal of the American Society of Nephrology

Jennifer F. Wu, D.O.
Top Doctors Award, Minnesota Monthly Magazine

PULMONARY, ALLERGY AND CRITICAL CARE

Scott F. Davies, M.D.
Best Doctors of America
Top Doctors Award, Mpls.St.Paul Magazine

Kenneth W. Dodd, M.D.
Institutional Award for Research and Academics, Advocate Christ Medical Center

Heidi L. Erickson, M.D.
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine

Robert Kempainen, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Saugar Maripuri, M.D., M.P.H.
Bertram Kasiskte Nephrology Teaching Award, Nephrology Fellowship, Hennepin Healthcare
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors: Rising Star, Mpls.St.Paul Magazine
2020 Honors and Recognition of Faculty

PULMONARY, ALLERGY AND CRITICAL CARE (CONT.)

James W. Leatherman, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Michele M. LeClaire, M.D.
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

William A. Marinelli, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Matthew E. Prekker, M.D., M.P.H.
Co-Founder and Member, Organizing Committee, Twin Cities ECMO Consortium
Education Committee, American Thoracic Society
Top Doctors Award, Minnesota Monthly Magazine
Section Editor, Critical Care, Western Journal of Emergency Medicine

Robert S. Shapiro, M.D.
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Mark D. Sprenkle, M.D.
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

John B. Sweet, M.D.
Top Doctors Award, Minnesota Monthly Magazine

RHEUMATOLOGY

Rawad Nasr, M.D.
Board of Directors, Minnesota Chapter, Arthritis Foundation
Top Doctors Award, Minnesota Monthly Magazine

Linh Ngo, D.O.
Top Doctors Award, Minnesota Monthly Magazine

Peter A. Schlesinger, M.D.
Best Doctors of America
Top Doctors Award, Minnesota Monthly Magazine
Top Doctors Award, Mpls.St.Paul Magazine

Zaki Abou Zahr, M.D.
Top Doctors: Rising Star, Mpls.St.Paul Magazine

MEDICAL EDUCATION PROGRAM

Anne L. Becker, M.D.
See Hospital Medicine

Samuel T. Ives, M.D.
See General Internal Medicine

Michael J. Lawson, M.D.
See Hospital Medicine

Rawad Nasr, M.D.
See Rheumatology

Rosemary A. Quirk, M.D., D.T.M.H.
See Office of the Chair

Brian Yablon, M.D.
See Hospital Medicine
Advanced Practice Providers
# Advanced Practice Providers 2020

## Addiction Medicine
- Brenda R. Bauch, N.P.
- Catherine C. Earl-Torniainen, P.A.
- Amy L. Skroch, N.P.

## Cardiology
- Vivian M. Igwacho, N.P.
- Jill Jordan, P.A.
- Michael N. Konstantinides, P.A.
- Melissa M. LaBrosse, P.A.
- Kay L. Tyberg, N.P.

## Endocrinology, Metabolism, and Diabetes
- Megan McGovern, N.P.
- Cathy O’Brien, N.P.

## Gastroenterology
- Brittany Bjornstad, P.A.
- Jesse Powell, P.A.

## General Internal Medicine
- Bethany Allen, N.P.
- Kelsie Byrd, N.P.
- Sareedo A. Hashi, N.P.
- Kathryn Hoffman, N.P.
- Brian H. Imdieke, N.P.
- Kaylin Kolb, N.P.
- Sarah J. Lexcen, P.A.
- Ashley Lundberg, N.P.
- Emily J. Mercil, N.P.
- Judy Nelson, N.P.
- Debora Nugent, N.P.
- Samuel Obeng-Amoako, N.P.
- Xin Piao, N.P.
- Lindsey L. Pogemiller, N.P.
- Elspeth K. Ronnander, N.P.
- Gay M. Varecka, N.P.
- Nicole M. Weaver, N.P.
- Elsie Woodward, N.P.
- Padla Yang, N.P.

## Geriatric and Palliative Medicine
- Michelle Aldrich-Goldstein, N.P.
- Koleena J. Harrison, N.P.
- Kathleen S. Holets, N.P.
- Sheila A. Howes, N.P.
- Felicia C. Ikebude, N.P.
- Gregory J. Leierwood, N.P.
- Sharon J. Momanyi, N.P.
- Edward Newton, N.P.
- James Orton, P.A.
- Monica Palmquist-Tess, N.P.*
- Elizabeth Purdy, N.P.
- Maria I. Santos, N.P.
- Comfort T. Seibure, N.P.
- Shakilah M. Shalita, N.P.

## Hematology/Medical Oncology
- Louann Bosmans, N.P.
- Jennifer A. Drazkowski, N.P.
- Mary Katharine Johnson, N.P.
- Mary E. Johnston, N.P.
- Syndal Ortmann, N.P.

## Hospital Medicine
- Erica DeVries, P.A.
- Gelane C. Dinega, N.P.*
- Bray E. Johnson, N.P.
- Haley L. Johnson, P.A.
- Molly Maass, N.P.*
- Erica Monroe, P.A.
- Melissa Oeding, P.A.*
- Michelle L. Oeding, P.A.
- Casey L. Stessman, P.A.
- Joseph Strangfeld, P.A.

## Infectious Diseases
- Brian Goodroad, N.P.
- Kristin M. Grage, N.P.
- Kathleen M. Kuempel, N.P.

## Integrative Health and Wellness
- Benjamin E. Backus, D.C.
- Ulrich F. Beyendorff, LAc
- Jessica Brown, LAc
- Jack P. Carver, LAc
- Angela B. Clifford, LAc
- Robert Crane, LAc
- Natalie M. Giacomini, D.C.
- Heidi Kimmer, LAc
- Lindsay Pochepin, D.C.
- Richard Printon, D.C.
- John H. Sampson, D.C.
- Jamie Schafer, LAc
- Tara Schug, D.C.
- Jess Siers, LAc
- Ghazala P. Usman, D.C.
- Nicole Zaret, LAc

## Nephrology
- Rougui Bah, N.P.
- Rachel A. Sumo, N.P.

## Pulmonary, Allergy and Critical Care
- Lisa R. Ocker, N.P.

## Rheumatology
- Corinna Werner, N.P.*

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* Left Division in 2020.
Research & Scholarly Activities
Addiction Medicine Division

2020 was a year for the history books for Addiction Medicine. With a busy opioid treatment program, office-based addiction treatment clinic, and consultation services we started the year looking to build our presence in Brooklyn Center and initiate outpatient services of methamphetamine use disorder. March 1, 2020 was the start date for our second 5-year grant from the National Institute on Drug Abuse (NIDA) to support the NorthStar node of the NIDA National Drug Abuse Treatment Clinical Trials Network (CTN). On March 5, 2020, Minnesota reported its first case of COVID-19 and things haven’t been the same since.

The demand for addiction services increased in 2020 driven by the pandemic, but also by mass unemployment, stress, political rancor, and the unrest following the murder of George Floyd. Further, many community programs closed under the pressure of COVID-19, forcing patients to seek care elsewhere. The regulatory environment and typical care pathways for addiction medicine required significant reform and innovation to meet this increased demand during a challenging year and Hennepin Healthcare Addiction Medicine rose up to the challenge.

The highly regulated environment of opioid treatment programs requires that many patients come to clinic 6-days per week with minimum attendance at least monthly. In addition to dispensing controlled medications such as methadone and buprenorphine, the Addiction Medicine Clinic engages in individual and group therapy. With the rise of COVID-19, we had a delicate line to balance between safely treating addictions with controlled substances and mitigating the risks of COVID-19.

People with substance use disorders, especially opioid use disorder, are more susceptible to the adverse effects of COVID-19 than those without substance use disorders; yet the very model of treating opioid use disorder through frequent and close contacts potentially placed patients at risk. In addition, the Addiction Medicine staff had to remain on-site in shared offices with little social distancing. Compassion, commitment, and creativity allowed us to maintain services and keep patients and staff safe.

By the end of March, the Addiction Medicine Clinic waiting area had been moved into a tent outside the Shapiro Building and staff checked patients in via laptops. Patients were met at the entrance of the clinic and provided medication. All counseling was delivered over the telephone as staff did not have audiovisual telemedicine resources and most patients lacked devices with sufficient bandwidth for telemedicine. Meanwhile, the clinic examination and group therapy rooms were transformed into staff offices to allow for social distancing and the clinic space was reconfigured.
to allow a steady yet small flow of patients through the clinic. The office-based clinic used telemedicine when possible but a significant number of patients receive injectable medications requiring in-person visits. While the consultation service saw an initial dip in requests during the first two months of the pandemic, volume soon returned to prepandemic levels.

Rising to the challenges of COVID-19 required teamwork across the Hennepin Healthcare community. Community donations of PPE for the 600 plus patients who came regularly to our clinic was greatly appreciated. Facilities Management installed an awning outside of our clinic so patients would not be rained on during inclement weather. Infection Control reviewed our space and workflow, frequency helping us revise practices as knowledge of the virus evolved. The volunteers of the Hennepin Healthcare Foundation provided morale boosting sidewalk murals and treats to our staff. Information Technology acquisition of iPads and telemedicine licenses prevented interruptions in care. And the Addiction Medicine staff stepping up to deliver necessary medication to patients in quarantine kept patients safe from both the risk of overdose and the risks of COVID-19.

Fortunately, there were few interruptions to our research and educational endeavors. Our collaboration with the University of Minnesota’s Dr. Kelvin Lim to evaluate the effect of direct current transcranial stimulation and cognitive training on opioid relapse was suspended temporarily due to the needs for social distancing. Two national multi-site studies on treating opioid use disorder in hospital settings (CTN-0098A and CTN-0098B) were delayed in roll out as research staff could not access overwhelmed hospitals. Our multisite trial of a clinical decision support tool for primary care providers addressing opioid use...
disorder (CTN-0095) was delayed as many primary care clinics transformed into COVID testing sites or to telemedicine practices. However, we also found new opportunity to study the effect of COVID-19 regulatory changes in opioid treatment programs on patient drug use (independent analysis and CTN-0112). The Addiction Medicine fellows continued to rotate and engage patients through telemedicine or fully garbed in PPE during inpatient consultations. Our ongoing state-funded Integrated Opioid and Addiction Care ECHO tele-learning community didn’t miss a beat and quickly provided a statewide forum to learn about the treatment of opioid use disorder in the time of COVID-19.

By the end of 2020, our staff were exhausted but had successfully adapted to the demands of addiction care in the era of COVID-19. Due to their hard work,

and despite the increased risks faced by those with substance use disorders, COVID cases in addiction medicine mirrored those in the general community.

While no one wants to see COVID-19 as the “new normal” in 2021, the Addiction Medicine staff entered the New Year knowing that they faced one of the greatest crises of the past 100 years with excellence, compassion, and teamwork.

Gavin B. Bart, M.D., Ph.D.
Director, Addiction Medicine Division
Infectious Diseases Division

The Infectious Diseases (ID) research program includes four principal investigators, Jason Baker, M.D., M.S., FIDSA, Kristina Burrack, Ph.D., Anne Frosch, M.D., M.P.H., and Keith Henry, M.D., along with over 12 research staff and additional students. The group’s research is broadly focused on infectious diseases that disproportionately affect the community served by Hennepin Healthcare, involving approaches that span immunology, disease pathogenesis, translational intervention studies, and large-scale clinical outcome trials. Prior to COVID-19, the ID research portfolio included studies of HIV prevention and treatment, HIV-related inflammation and cardiovascular disease, and the immunology of effective and pathogenic host response.

In response to COVID-19, the ID Division launched the Program for Immune Therapy and Immunology. Through this initiative, the group conducted numerous NIH and industry funded clinical trials and launched an observational cohort to characterize immune responses and cardiac complications of COVID-19. During the first year of the pandemic, the ID program enrolled over 200 patients into COVID-19 treatment studies and 140 patients into the COVID-19 observational cohort.

Among approximately $2.5M in research awards received by the ID group during 2020 (12 new awards and 8 renewals), $1.4M was specific to COVID-19 research (11 new awards) with most of these projects extending into 2021. This new COVID-19 research portfolio also supported research staff from five different programs at HHRI, when projects in those labs had to be temporarily paused. The programs for each of the four ID investigators are summarized below.

Dr. Jason Baker directs a clinical research program focused on immune mediated complications in context of HIV disease or COVID-19 (funding via NIAID, NHLBI, NIA, NIDA, NIMH and industry). A central theme in this program over the past decade has been the pathogenesis of HIV associated cardiovascular disease. This included testing intervention strategies to reduce chronic inflammation and coagulation activation among persons with HIV. In recent years, Dr. Baker established a collaboration with investigators at the University of Cape Town in South Africa (Dr. Mpiko Ntsekhe), where they are studying the influence of chronic HIV disease on myocardial fibrosis and the implications for heart failure risk.

In response to COVID-19 pandemic, Dr. Baker conducted numerous clinical trials among hospitalized patients with severe COVID-19. These included two adaptive multi-stage trials conducted through the NIH Accelerating COVID-10 Therapeutic Interventions and Vaccines 3 (ACTIV) initiative.

ACTIV-3 was focused on anti-viral strategies, and initially tested monoclonal antibodies, with ACTIV-5 focusing on immunomodulatory strategies. Dr. Baker
also led two industry trials that studied the antiviral drug remdesivir (Gilead Sciences) and the anti-GM-CSF inhibitor lenzilumab (Humanigen, Inc.); both agents subsequently demonstrated a positive treatment effect among hospitalized patients. Moving forward, Dr. Baker is protocol chair for an outpatient trial of anti-SARS-CoV-2 IVIG and developing a focus on the immunology of COVID-related cardiac injury, which represents an area of overlap with his HIV research.

In addition to serving on the Hennepin Healthcare Research Institute Operations Committee and Board of Directors, Dr. Baker is a member of the U.S. DHHS Panel on Guidelines for the Use of Antiretroviral Agents in Adults and Adolescents with HIV, and the NIH Panel on Coronavirus Disease 2019 (COVID-19) Treatment Guidelines.

Dr. Kristina Burrack’s Lab has a central goal to develop a comprehensive understanding of host-pathogen interactions in order to enhance immunity and limit immune-mediated pathology, with a focus on the pathogenesis of malaria and other pathogens of global health importance.

The Burrack Lab combines translational research and animal models of Plasmodium infection to investigate the host immune response to malaria. This includes defining immunological mechanisms that promote parasite clearance without causing pathology. Specifically, interactions between innate and adaptive immune cells during Plasmodium infection, with a focus on natural killer (NK) cells and T cells. Overall, the Burrack Lab seeks to improve our knowledge of the immune response to Plasmodium infection, which will inform the development of host-targeted therapeutics and vaccines to promote an effective immune response.

As a result of the COVID-19 pandemic, the Burrack Lab pivoted to assist the ID research group with developing

Front (left to right): Jason Baker, M.D., Kristina Burrack, Ph.D., Morgan Harris, Hodan Jibrell, Adrian Velez, Leah Westberry, Jon Klaphake, Christine Wailer, Anne Frosch, M.D., W. Keith Henry, M.D. Back (left to right): Nwando Ikeogu, Ashley Black, Gayathri Dileepan, Rachael Goldsmith. Not pictured: Kelly Garcia-Meyers, Shari Makendanz.
and implementing laboratory components of COVID-19-related research, including blood and cell processing and development of an COVID-19 antibody assay. During this time, malaria research was put on hold for several months, but has since restarted with support from COVID-relief funding and multiple new grant applications to be submitted in 2021.

**Dr. Anne Frosch’s Lab is based in translational immunology focused on T and B cell responses to infections and vaccines.**

She currently has NIH funding to track vaccine specific immune responses in humans using specialized techniques that are most commonly used in animal models. She is also conducting a clinical trial of iron supplementation for children with HIV, specifically examining how this treatment affects immune activation and vulnerability to other infections. The long-term aim of her research program is to understand how chronic infections and diseases affect critical parts of human adaptive immunity. Recent publications have described the influence of HIV on B-cell immunity to malaria and the influence of recurrent infection on CD4+ T-cell immunity (PMID: 31470903, 28526680, 32983171). Dr. Frosch has a specific clinical interest in malaria immunology, and has used her research expertise to advocate for access to affordable malaria treatment and prevention for our patients.

During the pandemic, the Frosch Lab led the initiative to offer COVID Convalescent Plasma (CCP) through expanded access and also supported the effort to offer COVID-19 therapies through the NIH/ACTIV clinical trials. Dr. Frosch also implemented and maintained the COVID observational cohort, and is characterizing immune responses to SARS-CoV-2 over time to better understand how patient-specific factors affect long-term protection from the virus.

**Dr. W. Keith Henry’s clinical research program focuses on evaluation of novel antiretroviral treatment strategies for persons living with HIV, with a focus on safer and more effective options including efforts to improve equity in access and outcomes (i.e. studies that enroll only African-Americans [both native and foreign born], women, or persons with advanced renal failure).**
Of particular interest has been the development of new drugs active against resistance virus and/or that have fewer long-term metabolic side effects. Dr. Henry’s group has participated in the key registrational trials for most of the new HIV drugs over the last several decades. Recently, this has included high-impact clinical trials utilizing long-acting injectable HIV medications leading to FDA approval of Cabenuva® (LA formulation of cabotegravir-rilpivirine). A sentinel HIV prevention trial recently completed was DISCOVER, which evaluated tenofovir alafenamide-emtricitabine; results to be published in 2021 in *Lancet HIV* (Dr. Henry was a co-author).

The COVID-19 pandemic had a major impact on Dr. Henry’s clinical research program with no new studies opening for approximately 18 months (to be resumed in 2021, with new HIV drugs of high interest islatravir and lenacapavir). Restrictions on campus required that research staff work remotely and/or reduce hours. It took considerable imagination and flexibility on the part of research staff to continue participant engagement and study data collection during this time, and to the credit of the program no research subject dropped out or missed key study visits (including patients with IM injections) associated with Dr. Henry’s HIV protocols.

Moving forward: During 2020, Infectious Diseases investigators pivoted toward the COVID-19 pandemic in response to the community and institutional needs. This necessitated innovative approaches to start new research, strengthened the interconnectedness of our Infectious Diseases programs, and built new collaborations.

In particular, our group is grateful for the collaboration with colleagues across HHRI/HHS and the institutional support and investments that guided us through 2020. As a result, the breadth and focus of Infectious Diseases research at Hennepin Healthcare has now expanded and we are optimistic that our programs will continue to grow and respond to the community we serve.

*Jason V. Baker, M.D., M.S., F.I.D.S.A.*
Director, Infectious Diseases Division
## 2020 Summary of Department of Medicine Grants and Contracts

<table>
<thead>
<tr>
<th>Division</th>
<th>Annual Direct Costs Awarded</th>
<th>Annual Indirect Costs Awarded</th>
<th>Annual Total Costs Awarded</th>
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<tbody>
<tr>
<td>Addiction Medicine</td>
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<td>$7,750,537</td>
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<td>Clinical Pharmacology</td>
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<td>General Internal Medicine</td>
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<td>Geriatric and Palliative Medicine</td>
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<td>Infectious Diseases</td>
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<td>Nephrology</td>
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<td>Pulmonary, Allergy, and Critical Care</td>
<td>633,317</td>
<td>87,683</td>
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<tr>
<td>Vice Chair of Medicine</td>
<td>265,283</td>
<td>60,624</td>
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<tr>
<td><strong>Totals</strong></td>
<td><strong>$27,027,357</strong></td>
<td><strong>$2,520,761</strong></td>
<td><strong>$29,548,118</strong></td>
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## 2020 Summary of Funding Sources

<table>
<thead>
<tr>
<th>Funding Sources</th>
<th>Annual Direct Costs Awarded</th>
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<tbody>
<tr>
<td>Foundation</td>
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<td>Government</td>
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<td>Industry</td>
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<td>Internal</td>
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<td>2,201,579</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>$27,027,357</strong></td>
<td><strong>$2,520,761</strong></td>
<td><strong>$29,548,118</strong></td>
</tr>
</tbody>
</table>
ADDOCTION MEDICINE


Ford BR, **Bart G**, Graham B, Shearer RD, Winkelman TNA. Associations between polysubstance use patterns and receipt of medications for opioid use disorder among adults in treatment for opioid use disorder. *J Addict Med.* 2020; doi: 10.1097/ADM.0000000000000726. (Also listed in General Internal Medicine.)


Shearer RD, Howell BA, **Bart G**, Winkelman TNA. Substance use patterns and health profiles among US adults who use opioids, methamphetamine, or both, 2015-2018. *Drug Alcohol Depend.* 2020;214:108162. (Also listed in General Internal Medicine.)

CARDIOLOGY


Anderson N, **Ives ST**, Carlson MD, Apple F. Should we monitor troponin up to peak value when evaluating for acute coronary syndrome? *Cleve Clin J Med.* 2020;87(8):480-482. (Also listed in General Internal Medicine.)


Buda KG, Steffens JD, Gamam A, Rajagopal S, Ogugua F, Reyes JL, Karim R, **Herzog CA**. Atropine-induced ventricular asystole during a dobutamine stress test. *J Med Cases* 2020;11(5):125-128. (Also listed in Medicine Education.)
CARDIOLOGY (CONT.)


McDonald BA, Buda KG, Hall JR 2nd, Carlson MD, Kempainen R. Protamine-induced bradycardic arrest in a diabetic patient. *Cureus.* 2020;12(10):e10955. (Also listed in Medicine Education and Pulmonary, Allergy and Critical Care.)


CARDIOLOGY (CONT.)


Book Chapter


CLINICAL PHARMACOLOGY


Department of Medicine Faculty Publications 2020

**CLINICAL PHARMACOLOGY (CONT.)**


**ENDOCRINOLOGY, METABOLISM, AND DIABETES**


Hashmi H, Fish L. Multiple Endocrine neoplasia Type 1- A clarion call for clarity. *J Endocrine Soc.* 2020;4:Supplement_1,MON-922. (Also listed in Medicine Education.)

Hashmi H, LaFave L. The Creatinine, the crib and the manometer navigating the labyrinth of primary aldosteronism. *J Endocrine Soc.* 2020;4:Supplement_1,SUN-191. (Also listed in Medicine Education.)


Hashmi H, LaFave L. The Creatinine, the crib and the manometer navigating the labyrinth of primary aldosteronism. *J Endocrine Soc.* 2020;4:Supplement_1,SUN-191. (Also listed in Medicine Education.)

**GASTROENTEROLOGY**


Campso M, Campbell J, Gonzalez H. High grade, poorly differentiated neuroendocrine carcinoma: 3 cases diagnosed in an 8-month period in a Minneapolis safety net hospital. *J Med Cases.* 2020;10(4):120-122. (Also listed in Medicine Education.)


GENERAL INTERNAL MEDICINE

Anderson N, Ives ST, Carlson MD, Apple F. Should we monitor troponin up to peak value when evaluating for acute coronary syndrome? Cleve Clin J Med. 2020;87(8):480-482. (Also listed in Cardiology.)


Ford BR, Bart G, Graham B, Shearer RD, Winkelman TNA. Associations between polysubstance use patterns and receipt of medications for opioid use disorder among adults in treatment for opioid use disorder. J Addict Med. 2020; doi: 10.1097/ADM.0000000000000726. (Also listed in Addiction Medicine.)


Goodwin J, Ives S, Hashmi H. Sweet Syndrome and Hashimoto Thyroiditis: A case report and review of the literature. AACE Clinical Case Reports. 2020;6(4):e179-e182. (Also listed in Medicine Education.)


GENERAL INTERNAL MEDICINE (CONT.)


Pennington K, Ives ST, Frosch AEP, Shaughnessy MK. Delayed clinical presentation of Plasmodium falciparum malaria after leaving an endemic area: a tale of two patients. J Travel Med. 2020;27(6):188-193. (Also listed in Infectious Diseases.)


Book Chapter

GERIATRIC AND PALLIATIVE MEDICINE


GERIATRIC AND PALLIATIVE MEDICINE (CONT.)


Book Chapter

Department of Medicine Faculty Publications 2020

HEMATOLOGY/MEDICAL ONCOLOGY


Jacobsen AM, Gilbertson DT, Tarchand G, Morrison VA. Chemoimmunotherapy practice patterns in older patients with chronic lymphocytic leukemia: impact of age and baseline characteristics on treatment choices. *J Geriatr Oncol.* 2020;11(1):134-140. (Also listed in Nephrology.)


INFECTION DISEASES


HOSPITAL MEDICINE

<table>
<thead>
<tr>
<th>Department of Medicine Faculty Publications 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INFECTIOUS DISEASES (CONT.)</strong></td>
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<tr>
<td><strong>Book Chapter</strong></td>
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<tr>
<td><strong>NEPHROLOGY</strong></td>
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Department of Medicine Faculty Publications 2020

NEPHROLOGY (CONT.)


Jacobsen AM, Gilbertson DT, Tarchand G, Morrison VA. Chemoimmunotherapy practice patterns in older patients with chronic lymphocytic leukemia: impact of age and baseline characteristics on treatment choices. J Geriatr Oncol. 2020;11(1):134-140. (Also listed in Hematology/Medical Oncology.)


NEPHROLOGY (CONT.)


Wetmore JB, Roetker NS, Herzog CA. Response by Wetmore et al to letter regarding article, “direct-acting oral anticoagulants versus warfarin in Medicare patients with chronic kidney disease and atrial fibrillation.” Stroke. 2020;51(12):e363-e364. (Also listed in Cardiology.)


McDonald BA, Buda KG, Kempainen R. Bradycardic arrest following protamine infusion in a 68-year-old woman. *Chest.* 2020;158(4):A56-A57. (Also listed in Medical Education.)

PULMONARY, ALLERGY AND CRITICAL CARE (CONT.)


Book Chapter


RHEUMATOLOGY


MEDICINE EDUCATION


**Campso M**, Campbell J, Gonzalez H. High grade, poorly differentiated neuroendocrine carcinoma: 3 cases diagnosed in an 8-month period in a Minneapolis safety net hospital. *J Med Cases*. 2020;10(4):120-122. *(Also listed in Gastroenterology.)*


Hashmi H, Fish L. Multiple Endocrine neoplasia Type 1- A clarion call for clarity. *J Endocrine Soc.* 2020;4:Supplement_1,MON-922. *(Also listed in Endocrinology, Metabolism, and Diabetes.)*

Hashmi H, LaFave L. The Creatinine, the crib and the manometer navigating the labyrinth of primary aldosteronism. *J Endocrine Soc.* 2020;4:Supplement_1,SUN-191. *(Also listed in Endocrinology, Metabolism, and Diabetes.)*


McDonald B, Hall J, Buda KG, Kempainen R. Brandycardic arrest following protamine infusion in a 68-year-old woman. *Chest.* 2020;158(4):A56-A57. *(Also listed in Pulmonary, Allergy and Critical Care.)*

McDonald BA, Buda KG, Hall JR 2nd, Carlson MD, Kempainen R. Protamine-induced bradycardic arrest in a diabetic patient. *Cureus.* 2020;12(10):e10955. *(Also listed in Cardiology and Pulmonary, Allergy and Critical Care.)*
Department of Medicine Faculty Publications 2020

MEDICINE EDUCATION (CONT.)


Prizment AE, Onyeaghalah GC, Church TR. Letter: Synergistic role of gut flora with aspirin to prevent colorectal cancers-authors’ reply. Aliment Pharmacol Ther. 2020;52(11-12):1758.


Book Chapter

Educational Activities
Medical Education Program

Internal Medicine and Emergency Medicine-Internal Medicine (EM-IM) residents braved the arrival and surges of COVID in 2020, courageously caring for essential workers, immigrants, frail elderly and other vulnerable members of our community. Residents learned the complex pathophysiology and complications of the highly transmissible coronavirus by providing direct care to many patients and engaging in discussions with faculty experts and mentors. They mastered virtual family conferences, attended virtual lectures and Teams meetings, and learned the basics of telemedicine. In summer, in-person (socially distanced) Morning Report and Friday School returned, new interns arrived, and longstanding teaching conferences (Chest-ID, Clinical Cardiology) resumed in RL-110. In December, residents lined up for the Pfizer vaccine. Their resilience in difficult times cannot be overstated. Hennepin residents are defined by their courage, curiosity, willingness to help others, and ability to take ownership over the problems at hand, no matter how frightening or daunting.

Michelle Herbers, Nina Setala, program faculty and residents designed and implemented a virtual interview season in 2020, which allowed us to meet 30% more applicants in the midst of the pandemic. It was a true team effort. Michelle built a new recruitment website, PGY3 Josh Degallier created a short film entitled A Day in the Life of an Internal Medicine Resident to showcase our facilities, didactics and multidisciplinary rounds, and Associate Program Director (APD) Michael Lawson organized and filmed faculty describing unique aspects of our program. We highlighted our Global Health and Primary Care pathways, Butterfly Ultrasound program, research infrastructure, wellness and population health initiatives, immersion activities and integrative medicine mentorship. Chief Residents hosted virtual gatherings prior to interview days and coordinated resident involvement in the recruitment process. We received rave reviews from applicants about their experience, and were beyond happy with our Match results: the 2021-22 intern class is academically exceptional, with 40% underrepresented in medicine, the most in our history.
The Class of 2021 and Chief Residents, who served valiantly during the pandemic, also achieved and thrived academically.

Twelve matched into fellowships in Cardiology, Pulmonary-Critical Care, Gastroenterology, Endocrinology, Nephrology, Rheumatology, Geriatric Medicine and Critical Care. Over half published during training. Eleven became hospitalists at the University of Minnesota, Hennepin, North Memorial, Fairview Ridges, Methodist, St. Mary’s Medical Center in Duluth, Mercy Hospital in Iowa and Legacy Emanuel in Portland, Oregon. Two joined Mayo Clinic primary care practices in Redwing and Austin.

One of our programmatic goals is to expand Hennepin’s rural footprint and impact; we are ecstatic four graduates have taken jobs in rural Minnesota communities in recent years, where they will provide exceptional care with compassion and kindness to underserved rural people.

George Floyd was killed in May of 2020. Residents had met and cared for George in the months before his death, and remembered him as a kind man juggling multiple jobs who had come to Minnesota to start a new life. In response to his death, Hennepin Healthcare laser-focused its efforts on equity, hiring a new Chief Equity Officer and adding additional diverse leaders to the highest levels of the organization. The Department of Medicine devoted its 2020-2021 Grand Rounds series to Disparities in Medicine, bringing incredible virtual speakers to Hennepin, while Internal Medicine and EM-IM residents formed an Internal Medicine Diversity Committee and helped create a pathway to Chief Residency for residents on J-1 visas. Dr. Anne Becker, Director of Faculty Development for Medicine Education, taught bystander training to all residents to help them recognize and combat discrimination faced by peers, nurses and other employees of color in the workplace. She also facilitated 18 Race in Medical Education Journal Clubs for faculty to help them identify biases, effectively manage racist patients, and better support learners who experience racism at work.

Rosemary Quirk, M.D., D.T.M.H.
Internal Medicine Residency Program Director

Anne Becker, M.D.
Director, Faculty Development for Medicine Education

Samuel T. Ives, M.D.
Director, Undergraduate Medical Education
Associate Program Director, Internal Medicine Residency

Michael J. Lawson, M.D.
Associate Program Director, Internal Medicine Residency
Attendings and residents are learning to stand up to racial and gender discrimination, be more welcoming and inclusive, and improve support and mentorship for people from diverse backgrounds.

The Class of 2021 was celebrated with love, joy and gratitude at Jax Café in Minneapolis on June 4th, our first in-person program event since the pandemic began. Two amazing residents, Drs. Rebecca Kummer and Vannesa Cederstrom, earned our inaugural Dr. Nick Briese Spirit of the Residency Award, created to honor those who exemplify the highest personal and professional standards, demonstrate clinical excellence and dedication to learning and teaching, and display generosity and a willingness to help others even in the hardest times. These characteristics made Dr. Nick Briese a wonderful physician, friend, teacher and mentor. Through recognizing the selfless service of residents with this award, we hope Nick’s devotion to safety net medicine and medical education will live on in our community forever.

With appreciation,

Rosemary Quirk, M.D., D.T.M.H.
Program Director, Internal Medicine

Rawad Nasr, M.D.
Associate Program Director, Internal Medicine Residency

Brian Yablon, M.D.
Associate Program Director, Internal Medicine Residency

From left: Max Fuller, M.D., Rebecca Kummer, M.D., and Peter Bache-Wiig, M.D.
Chief Residents
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mohamed Abdisalam Artan</td>
<td>University of Minnesota Medical School</td>
</tr>
<tr>
<td>Katherine Blomquist</td>
<td>Des Moines University College of Osteopathic Medicine</td>
</tr>
<tr>
<td>Megan Conlon</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Peter Dock</td>
<td>A.T. Still Kirksville School of Osteopathic Medicine</td>
</tr>
<tr>
<td>Roberto Fu</td>
<td>Escuela Autónoma de Ciencias Médicas de Centro América</td>
</tr>
<tr>
<td>Jeffrey Hall</td>
<td>University of New England College of Osteopathic Medicine</td>
</tr>
<tr>
<td>Abubakar Hassan</td>
<td>Sheikh University of Science and Technology College of Medical Sciences</td>
</tr>
<tr>
<td>Greta Kreider Carlson (EM/IM)</td>
<td>University of Colorado School of Medicine</td>
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<tr>
<td>Amelia Krug (EM/IM)</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Marcela Kuijpers</td>
<td>Escuela Autónoma de Ciencias Médicas de Centro América</td>
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<tr>
<td>Michael Larson</td>
<td>A.T. Still Kirksville School of Osteopathic Medicine</td>
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<tr>
<td>Kirsten Lasley</td>
<td>Kansas City University College of Osteopathic Medicine</td>
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<tr>
<td>Evan Lister</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Brooke McDonald</td>
<td>Kansas City University College of Osteopathic Medicine</td>
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<td>Nathan Nelson</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Nicole Pagel</td>
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<tr>
<td>Beau Rigstad</td>
<td>Medical College of Wisconsin</td>
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<tr>
<td>Rachel Salz</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Benjamin Swart</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Gregory Thompson</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Colton Thoreson</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Nhat Vo</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Elizabeth Wendt</td>
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<tr>
<td>Name</td>
<td>University</td>
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<tr>
<td>Mary Bernton</td>
<td>Louisiana State University School of Medicine</td>
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<tr>
<td>Kevin Buda</td>
<td>University of New England College of Osteopathic Medicine</td>
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<tr>
<td>Lea Buda</td>
<td>University of New England College of Osteopathic Medicine</td>
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<tr>
<td>Monazza Chaudhry</td>
<td>Aga Khan Medical College</td>
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<tr>
<td>Constantine Chima</td>
<td>University of Debrecen Medical School</td>
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<tr>
<td>Zachary Davidson (EM/IM)</td>
<td>Icahn School of Medicine at Mount Sinai</td>
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<tr>
<td>Adulrahman Gamam</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Yasmin Haji-Kusow</td>
<td>Almaarefa Medical College</td>
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<td>Rachel Husmann</td>
<td>University of Minnesota Medical School</td>
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<td>Seth LaPorte</td>
<td>Kansas City University College of Osteopathic Medicine</td>
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<td>Amber Lindsay</td>
<td>Lewis Katz University School of Medicine</td>
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<td>Aga Khan Medical College</td>
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<td>Michelle Nguyen (EM/IM)</td>
<td>University of California, David</td>
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<td>Fredrick Ogugua</td>
<td>Gulf Medical University</td>
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<td>Jessica Padniewski</td>
<td>A.T. Still University Kirksville College of Osteopathic Medicine</td>
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<tr>
<td>Acadia Pechauer</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Shrikar Rajagopal</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Michael Smith</td>
<td>Frank H. Netter MD School of Medicine at Quinnipiac University</td>
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<tr>
<td>Kabao Vang</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Ahmad Al-Anii</td>
<td>University of Anbar College of Medicine</td>
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<tr>
<td>Peter Bache-Wiig</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Alexander Baxa</td>
<td>Kansas City University College of Osteopathic Medicine</td>
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<td>Evan Beacom</td>
<td>Des Moines University College of Osteopathic Medicine</td>
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<tr>
<td>Daniel Bernstein (EM/IM)</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Grace Braimoh</td>
<td>University of Debrecen, Poland</td>
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<tr>
<td>Bukhari Burale</td>
<td>Kassala University Faculty of Medicine</td>
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<tr>
<td>Vannesa Cederstrom</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Joshua Degallier</td>
<td>University of Minnesota Medical School</td>
</tr>
<tr>
<td>Max Fuller</td>
<td>University of South Dakota, Sanford School of Medicine</td>
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<td>Hiba Hashmi</td>
<td>Aga Khan Medical College</td>
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<td>Toy Hess</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Sylwia Kaeding</td>
<td>Chicago Medical School at Rosalind Franklin University</td>
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<td>Samuel Katz</td>
<td>Des Moines University College of Osteopathic Medicine</td>
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<tr>
<td>Rebecca Kummer</td>
<td>University of Minnesota Medical School</td>
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<td>(John) Leo Maurer</td>
<td>University of Missouri – Columbia</td>
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<td>Elisabeth McHale (EM/IM)</td>
<td>University of Minnesota Medical School</td>
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<td>Elizabeth Nelson</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Jorge Reyes Castro</td>
<td>Universidad de Guayaquil, Ecuador</td>
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<td>Allison Smith</td>
<td>Des Moines University College of Osteopathic Medicine</td>
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<td>Lauren Thornton</td>
<td>A.T. Still University Kirkville College of Osteopathic Medicine</td>
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<tr>
<td>Jason Wiederin</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Gregory Wieland</td>
<td>University of North Dakota School of Medicine</td>
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<tr>
<td>Saida Yassin</td>
<td>Dokuz Eylul Universitesi Tip Fakultesi</td>
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# HOUSE OFFICERS 2020–2021

## PGY IV

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jeffrey Larson</td>
<td>University of Minnesota Medical School</td>
</tr>
<tr>
<td>Rebecca Nahum (EM/IM)</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Daniel Parsons-Moss (EM/IM)</td>
<td>University of Illinois College of Medicine</td>
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<tr>
<td>Joseph Steffens</td>
<td>University of Washington School of Medicine</td>
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<td>Kathleen Wilcox</td>
<td>Medical College of Wisconsin</td>
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## PGY V

<table>
<thead>
<tr>
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<tr>
<td>Maros Cunderlik (EM/IM)</td>
<td>University of Minnesota Medical School</td>
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<tr>
<td>Andrew Joob (EM/IM)</td>
<td>University of Illinois College of Medicine</td>
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## RESIDENT AWARDS

### Nicholas Briese Spirit of the Residency Award

<table>
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<tr>
<td>Vannesa Cederstrom</td>
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<tr>
<td>Rebecca Kummer</td>
<td>University of Minnesota Medical School</td>
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### Craig Garrett Excellence in the Practice of Primary Care Medicine Awards

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<tr>
<td>Rebecca Kummer</td>
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<td>Saida Yassin</td>
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### Excellence in the Practice of Primary Care Medicine Awards

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<tr>
<td>Lea Buda</td>
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<td>Rachel Salz</td>
<td>University of Minnesota Medical School</td>
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### Morris Davidman Teaching Award

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<tr>
<td>Lauren Thornton</td>
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### Resident Research Award

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<tr>
<td>Grace Braimoh</td>
<td>University of Debrecen, Poland</td>
</tr>
<tr>
<td>Name</td>
<td>Current Position</td>
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</tr>
<tr>
<td>Ahmad Al-Anii</td>
<td>Primary Care, Mayo Health Systems, Austin</td>
</tr>
<tr>
<td>Peter Bache-Wiig</td>
<td>Chief Resident, Hennepin Healthcare</td>
</tr>
<tr>
<td>Alexander Baxa</td>
<td>Hospitalist, M Health, Fairview Ridges</td>
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<tr>
<td>Evan Beacom</td>
<td>Primary Care/Hospitalist, University of Minnesota</td>
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<tr>
<td>Grace Braimoh</td>
<td>Gastroenterology Fellow, University of Oklahoma</td>
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<tr>
<td>Bukhari Burale</td>
<td>Primary Care/Hospitalist, Mayo Health Systems, Red Wing</td>
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<tr>
<td>Vannesa Cederstrom</td>
<td>Hospitalist, North Memorial Medical Center</td>
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<tr>
<td>Maros Cunderlik (EM/IM)</td>
<td>Hospitalist, North Memorial Medical Center</td>
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<tr>
<td>Joshua Degallier</td>
<td>Hospitalist, HealthPartners</td>
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<tr>
<td>Max Fuller</td>
<td>Chief Resident, Hennepin Healthcare</td>
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<td>Hiba Hashmi</td>
<td>Endocrinology Fellow, University of Minnesota</td>
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<td>Toy Hess</td>
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<td>Andrew Joob (EM/IM)</td>
<td>Hospitalist, North Memorial Medical Center</td>
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<tr>
<td>Sylwia Kaeding</td>
<td>Endocrinology Fellow, University of Wisconsin</td>
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<tr>
<td>Samuel Katz</td>
<td>Nephrology Fellow, Hennepin Healthcare</td>
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<tr>
<td>Rebecca Kummer</td>
<td>Chief Resident, Hennepin Healthcare</td>
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<tr>
<td>(John) Leo Maurer</td>
<td>Critical Care Fellow, Hennepin Healthcare</td>
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<tr>
<td>Elizabeth Nelson</td>
<td>Rheumatology Fellow, University of Minnesota</td>
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<tr>
<td>Jorge Reyes Castro</td>
<td>Cardiology Fellow, University of Minnesota</td>
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<tr>
<td>Allison Smith</td>
<td>Dermatology Resident, University of Minnesota</td>
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<tr>
<td>Lauren Thornton</td>
<td>Pulmonary/Critical Care Fellow, University of Minnesota</td>
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<tr>
<td>Jason Wiederin</td>
<td>Hospitalist, Essential Health, St. Mary's Duluth</td>
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<tr>
<td>Gregory Wieland</td>
<td>Hospitalist, Hennepin Healthcare</td>
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<tr>
<td>Saida Yassin</td>
<td>Geriatric Medicine Fellow, Hennepin Healthcare</td>
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</tbody>
</table>
DEPARTING HOUSE OFFICERS 2020–2021

Pictured left to right: Arti Prasad (Chair of Medicine), Sylwia Kaeding, Alexander Baxa, Gregory Wieland, Lauren Thornton, Samuel Katz, Toy Hess, Rebecca Kummer, Bukhari Burale, Ahmad Al-Anii, Hiba Hashmi, Joshua Degallier, Jorge Reyes-Castro, Peter Bache-Wig, Elizabeth Nelson, Vannesa Cederstrom, Max Fuller, Allison Smith, Jason Wiederin, Grace Braimoh, and Rosemary Quirk (Program Director)
## Fellows 2020–2021

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cardiovascular Medicine</strong></td>
<td><strong>Tareq Al Saadi (F1)</strong></td>
<td>University of Damascus</td>
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<td><strong>Jared Routh (F3)</strong></td>
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<td>Dokuz Eylul University</td>
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<td>Ahmad Tarek Chami (F1)</td>
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<td>Case Western Reserve – Cardiology Fellowship</td>
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<td>Luke Lundeen (F2)</td>
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<td>University of Minnesota</td>
<td>Abbott Northwestern Hospital – Internal Medicine</td>
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<td>Nyan Pyae (F2)</td>
<td>Institute of Medicine</td>
<td>Lutheran Family Medical Center</td>
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<td>Sleep Medicine</td>
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<td>Tulane University School of Medicine</td>
<td>Ochsner Clinic Foundation – Internal Medicine</td>
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<td>Sung Lee (F1)</td>
<td>Loma Linda School of Medicine</td>
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<td>Alicia Liendo (F1)</td>
<td>University of Medicine and Health Sciences</td>
<td>Sinai Hospital of Baltimore – Internal Medicine</td>
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2020–2021 Presentations

**AMERICAN COLLEGE OF CARDIOLOGY (ACC)**
70TH SCIENTIFIC SESSION AND WORLD CONGRESS OF CARDIOLOGY 2021
March 9, 2021 Virtual

Fredrick Ogugua
An Indolent Cause of High-Output Heart Failure in End-Stage Kidney Disease: Application of the Nicoladoni-Israel-Branham Test

**ACG 2020 – AMERICAN COLLEGE OF GASTROENTEROLOGY ANNUAL SCIENTIFIC MEETING**
October 23-28, 2020 Virtual

Grace Braimoh
Fossa of Landzert Herniation in a Young Woman Presenting with Chronic Episodic Abdominal Pain

**AMERICAN COLLEGE OF PHYSICIANS (ACP)**
2020 MINNESOTA CHAPTER MEETING
November 7, 2021 Virtual

Monazza Chaudhry
Pulmonary Blastomycosis: A Familiar Foe in the Midwest

Maros Cunderlik
A Case of Massive Caffeine Overdose with Refractory Shock Requiring Extracorporeal Membrane Oxygenation Support

Sylwia Kaeding
Irreversible Brain Injury from Hyperammonemia following Roux-en-Y Gastric Bypass

Brooke McDonald
Pyelonephritis-Induced Septic Thrombophlebitis Leading to Cardiopulmonary Complications in a 46-Year-Old Diabetic

Fredrick Ogugua, Abdul Gamam
Associations of Implantable Cardiac Defibrillator placement in Cardiac Sarcoidosis: An insight from the National Inpatient Sample

Jessica Padniewski
Gazing Into the Crystal: Current Status of Gout Care Among Different Specialties At A Tertiary Academic Center

Allison Smith
Erythema Multiforme as Presenting Rash in Kawasaki Disease in an Adult

Ben Swart, Allison Smith
Not Just Another Pair of Diabetic Feet: A Severe Case of Keratoderma Blenorrhagicum

Lauren Thornton
LAST but not the least

Kabao Vang
Mobile Health Technology for Hypertension Management in Hmong and Latino adults: Empowerment or Entrapment?

Elizabeth Wendt
Subacute Presentation of Transverse Myelitis secondary to Neuromyelitis Optica

Gregory Wieland
An Uncommon Cause of Septic Emboli

**AMERICAN HEART ASSOCIATION SCIENTIFIC SESSIONS 2020**
November 13-17, 2020, Dallas, Texas

Fredrick Ogugua
Remote Monitoring using Implantable Cardiac Defibrillators for Heart Failure Management in a European Cohort: A meta-analysis
**EMIRATES CRITICAL CARE CONFERENCE 2020**
December 2020 Virtual

**Monazza Chaudhry**
*Thromboprophylaxis in COVID-19*

**HEART FAILURE SOCIETY OF AMERICA (HFSA) 2020 SCIENTIFIC MEETING**
September 30- October 6, 2020 Cleveland, Ohio Virtual

**Fredrick Ogugua**
*Does Racial Difference Augment The Obesity Paradox In HFpEF Patients? An Insight from the National Inpatient Sample*

**MINNESOTA MEDICAL ASSOCIATION (MMA) ANNUAL MEETING**
September 25-26, 2020, Virtual

**Grace Braimoh**
*Fossa of Landzert Herniation in a Young Woman Presenting with Chronic Episodic Abdominal Pain*

**NATIONAL LIPID ASSOCIATION WINTER MEETING**
December 10-12, 2020

**Kevin Buda**
*Safety and Efficacy of PCSK9 Inhibitors in Homozygous Familial Hypercholesterolemia: A Systematic Review and Meta-Analysis*

**SOCIETY OF GENERAL INTERNAL MEDICINE (SGIM) MIDWEST REGIONAL MEETING**
October 22-23, 2020, Virtual

**Fredrick Ogugua**
*Acute Brain Infarct due to Large Atrial Myxoma*

**SOCIETY OF GENERAL INTERNAL MEDICINE (SGIM) ANNUAL MEETING**
April 20-23, 2021

**Zachary Davidson**
*Quite the Headache: A Case of ITP as Initial Presentation of Chronic HCV Infection*
New Innovations
Creative Telemedicine Solutions Powered by Data

It was a Friday afternoon in March 2020. The scope of the pandemic was just starting to emerge, and everyone was rapidly trying to adjust to the new reality of practicing medicine with limited physical contact. At Hennepin Healthcare, like most other healthcare delivery organizations in the country, we had decided to shut down all our ambulatory services and decided to rapidly transfer almost 100% of our in-person outpatient care to Synchronous Telemedicine (telephone or video) and also scale up our Asynchronous Telemedicine services (E visits and Store and Forward). We had a sense of urgency around this rapid deployment.

I remember being in meetings for days sometimes for over 12 hours along with the Department of Information System and Technology (IS&T) Informatics teams to determine the best path forward. We were able to scale up our E-visit offerings within 72 hours of the shut down and offer full spectrum Video visits within three weeks, a process that would have normally taken over three years. It was not just a technology marvel to pull this off in such a short time line but also speaks volumes to the grit and determination of the team members who understood what it meant for our patients to stay connected to their providers and teams. Once we were able to test and deploy Telemedicine offerings we then did a phased approach starting with the highest need clinical areas first and eventually going down the list to ancillary services such as Therapies, Nutrition Services, etc., and today almost every clinical service offering has the capability of being provided over Telemedicine if the service areas chooses to do so.

With the pandemic we saw a mushrooming of Telemedicine services. Data nationally suggests that up to 70% of health systems scaled up Telemedicine services in one form or another. The gains were not only in terms of avoiding exposures by limiting patients coming into clinics and hospitals but also helped conserve PPE. This was also supported by loosening of the regulations around telemedicine and realignment of government and commercial payers to support reimbursement for these services at par with face-to-face visits.

As you can imagine, Hennepin Healthcare scaled up telehealth at a rapid pace, but what we learned over time is that standing up telehealth from an IT standpoint is the easy part; adoption by diverse populations is an entirely different challenge driven by a myriad of factors. The end result is a divide in terms of equity of access to healthcare for certain communities. Was telemedicine truly solving the challenge of access to care for our entire patient population? In fact, the concern was that it was making the gap worse. We went back to the drawing board. Telemedicine visit volumes were already a key performance metric for us, but we had never stratified those metrics by race, ethnicity, or language,
yet alone more nuanced metrics such as information about income, housing stability, clinical risk, and others. Our analytics team worked with our informatics team to define and add stratifications for certain population groups, so we could really understand who was using and benefiting from our services. Data can be powerful when it allows a new story to emerge, and this was a story that we had not truly examined before.

At the beginning, subdividing our metrics in this way added work for our analytics team, a tall order when the team was already stressed with reporting needs relating to the pandemic.

When our operational leaders were presented with data in a way that was simple, powerful, and consumable, that resulted in true aha moments that drove change.

For example, there was a prevailing assumption that Latinx patients were low utilizers of telemedicine generally, but the data showed that younger patients were much more likely to engage. There was speculation that this was due to a lack of access to enabling technology in the older population, but a community needs survey revealed a much simpler problem: those patients were less likely to be proficient in English. Updating our telemedicine tools and outreach to support Spanish speakers resulted in a jump to 80% utilization, and it transformed the medical director of the clinic from a critic of telemedicine to one of our strongest advocates.

Thankfully, the story that the data told us was not too alarming. While gaps were uncovered, they were not nearly as drastic as was feared, and armed with data, we had a better understanding of the populations that needed more targeted and culturally aware outreach.

The experience of recognizing the blind spot in our data illustrated a larger concept: the need to raise that awareness across all of clinical and performance metrics. We adjusted our approach to be more deliberate, and now every time a reporting need is identified, those reports are stratified, as a matter
of course, along race, ethnicity, gender, and age. Moreover, we added pre-built populations to the data explorer tools that our physicians use, so that they too can understand if and where disparities exist across their patients.

Once we began showing these stratified metrics to our operational leads, executive teams recognized the power of data to drive our strategic direction. Thus, equity has become, not a standalone goal in its own right, but layered into every other strategic goal, be it financial, clinical, or operational.

The data also empowered our team to get creative in finding solutions. We created a custom code to translate messages via text to log into zoom into Spanish and Somali. We further leveraged this technology to do outreach with vaccines later on. We developed instructional videos in multiple languages for patients to be empowered to leverage Telemedicine. We had initially launched our Video visits to just launch via MyChart which is an English-only medium so we again did some local innovation and enabled patients to be able to do visits outside of MyChart.

The Telemedicine journey has been one of iteration, innovation, intrigue and there have been numerous learnings along the way. The most gratifying part is how our patients have stepped up and embraced this new way of getting care. Our patient experience scores are consistently higher for Virtual care compared to face-to-face. We also have been deliberate in balancing the equity side of Telemedicine and using it as a tool to bridge gaps in equitable care as evidenced by our data rather than create a larger digital divide. We are continuously advocating for Telemedicine as a sustainable care delivery tool and as evidenced by our recent win at the Minnesota legislature our advocacy efforts paid off and we will continue to get reimbursed at same rate as face-to-face care for both audio only and audio/video visits.

While we went full steam ahead and scaled from a zero Telemedicine footprint to a sustainable viable model, much still needs to be done. A traditional and systematic approach has to be evolved incorporating activities such as strategy development, needs assessment, business cases and plans, readiness assessment, implementation plans, change management interventions, and ongoing monitoring and evaluation. Only then can we have a successful telemedicine service that is integrated into everyday clinical practice.

Deepti Pandita, M.D.
General Internal Medicine Division and HHS Chief Health Information Officer
Project ECHO and the National Nursing Home COVID-19 Action Network

The Department of Medicine was one of hundreds of ECHO training centers that participated in the National Nursing Home COVID-19 Action Network. This national program reached over 9000 nursing homes across the U.S. with the objective of facilitating best practices for COVID-19. November 2020 was the beginning of what would become the largest surge in COVID-19 cases in Minnesota. Deaths in skilled nursing facilities rose relentlessly starting in November through the early winter months until the effects of the vaccines, available at the end of December, took hold. It was at this moment, November 9, 2020, that Hennepin Healthcare began a series of interactive, virtual learning sessions using ECHO methodology with curriculum tailored to the staff of skilled nursing facilities.

**ECHO methodology is not designed as a webinar to present information. It is a series of virtual sessions involving a closed cohort of participants. The sessions create a safe forum for presenting curriculum, discussing clinical cases, and building consensus about best practices. The philosophy of “all teach, all learn” proved valuable during a time of uncertainty at the height of the pandemic.**

Supported by the federal Agency for Healthcare Research and Quality (AHRQ), and in collaboration with the Institute for Healthcare Improvement (IHI) and Project ECHO at the University of New Mexico, the Hennepin training center collaborated with the University of Minnesota ECHO training center. This collaboration resulted in coordinated recruitment of nursing home participants, standardized curriculum between the two centers and shared subject matter experts. Topics included infection prevention strategies such as surveillance and testing, as well as management of illness. The curriculum addressed nursing home staff burn-out and workforce shortages.

Nearly three-quarters of the skilled nursing facilities in Minnesota participated in the nursing home ECHO. The program was presented in weekly 90 minute sessions as funded by AHRQ, through August 31, 2021. Over 100 weekly sessions were presented by facilitators Roberta Meyers and Gregory Leierwood from the Department of Medicine with coordination provided by Deanna Bauer. The ECHO continues today with twice monthly sessions, rebranded as the Minnesota Geriatrics ECHO. A core group of interested participants share their experiences and continue to provide one another support as the pandemic persists.
The innovations key to the success of the program include the use of ECHO methodology, the ability to tailor session content and curriculum to real-life, current challenges faced by skilled nursing facility staff, and the collaboration with the University of Minnesota.

Plans are to continue the Minnesota Geriatric ECHO because of the ongoing interest of the participants and the effectiveness of the “all teach, all learn” philosophy in developing best practices in skilled nursing facilities.

Roberta M. Meyers, M.D.
Geriatric and Palliative Medicine Division
and Vice Chair of Clinical Affairs
The Alvin L. Schultz Education and Research Fund was established in 2001 for the purpose of enhancing the education and research activities within the Department of Medicine.
The Alvin L. Schultz Education and Research Funds are used to: bring in well-known visiting professors for Medicine Grand Rounds and other special events including the Alvin L. Schultz Visiting Professorship and the Department of Medicine Distinguished Alumnus of the Year; support residents who present their research at regional and national scientific meetings; provide support for residents’ research projects; and provide funding to enable residents to have an off-campus experience either in the U.S. or at designated international sites.

Since 2009, the Alvin L. Schultz Education and Research Fund has not received corporation grants and has depended solely on donations from the Department of Medicine faculty and alumni members to sustain this fund.

To contribute to this fund, our organizational partner, the Hennepin Health Foundation (HHF), supports and oversees philanthropic activities on the HCMC campus. You can support the Alvin L. Schultz Education and Research Fund administered by the Hennepin Healthcare Research Institute (HHRI), by making a charitable donation through the HHF website donation portal at www.hcmc.org/hhf/, or submit a check to the HHRI Account #4987, Office of Development, 914 South 8th St, Minneapolis, Minnesota 55404.

HHRI is a 501(c)3 non-profit and your charitable gift is tax deductible as allowed by the IRS.

Alvin L. Schultz Education and Research Fund 2020

In academic year 2020-2021, the Alvin L. Schultz fund did not support any resident activities due to the COVID-19 quarantines. Residents who participated in posters, oral presentations, or workshops did so virtually. There was also no resident travel as part of the Global Health Pathway. We look forward to resuming support from the Alvin L. Schultz fund for our residents in the upcoming year.

Thank you to everyone who made donations or continue to donate, making these educational opportunities possible. These experiences make it possible for our residents to continue to develop academically, making them competitive for fellowships and job opportunities. Your support is greatly appreciated.

THE FUND WILL SUPPORT THE FOLLOWING DEPARTMENT OF MEDICINE VISITING PROFESSORS:

29TH ANNUAL ALVIN L. SCHULTZ, MD VISITING PROFESSOR
Thursday, March 18, 2021

Donald Warne, M.D., M.P.H.
Director, Indians Into Medicine (INMED) & Public Health Programs, Associate Dean, Diversity, Equity and Inclusion, School of Medicine and Health Sciences, University of North Dakota, Grand Forks, North Dakota

Presentation:
“Unresolved Trauma and American Indian Health Equity”

DISTINGUISHED RESIDENT ALUMNUS OF THE YEAR
Thursday, April 15, 2021

Kevin Larsen, M.D., F.A.C.P.
Senior Vice President, Clinical Innovation and Translation, Optum Labs, Washington, DC

Presentation:
“The Role of Government and Large Corporations in the Move to Value Based Health Care”
Alvin L. Schultz Education and Research Fund 2020

Alvin L. Schultz, M.D. Visiting Professorship at HCMC was established in 1989 upon Dr. Alvin L. Schultz’s retirement as Chairman of the Department of Medicine to honor his devoted service to the Department for the purpose of enhancing the education and research activities within the Department of Medicine.

ALVIN L. SCHULTZ, M.D. VISITING PROFESSORS:
1989  R. Gordon Douglas, Jr., M.D.
1990  Alvan R. Feinstein, M.D.
1991  Allen C. Steere, M.D.
1992  John M. Eisenberg, M.D.
1993  Stephen C. Joseph, M.D.
1994  Jordan J. Cohen, M.D.
1995  Frank B. Cerra, M.D.
1996  David Satcher, M.D.
1997  Charles H. Hennekens, M.D.
1998  Elizabeth Barrett-Connor, M.D.
1999  William P. Castelli, M.D.
2000  Stephen Straus, M.D.
2001  Nicole Lurie, M.D., M.S.P.H.
2002  George A. Sarosi, M.D., M.A.C.P.
2003  Michael Osterholm, Ph.D., M.P.H.
2004  Christopher J.L. Murray, M.D.
2005  Christine K. Cassel, M.D., M.A.C.P.
2006  Jeffrey Glassroth, M.D., M.A.C.P.
2007  Deborah Prothrow-Stith, M.D.
2008  Lonnie R. Bristow, M.D., M.A.C.P.
2009  Jeffrey G. Wiese, M.D., F.A.C.P.
2010  Faith T. Fitzgerald, M.D., M.A.C.P.
2011  William T. Branch, Jr, M.D., M.A.C.P.
2012  Judith Bowen, M.D., F.A.C.P.
2013  Edward Ehlinger, M.D., M.S.P.H.
2015  David L. Batinelli, M.D.
2018  Sanjeev Arora, M.D., F.A.C.G., M.A.C.P.
2021  Donald Warne, M.D., M.P.H.

Distinguished Resident Alumnus of the Year was inaugurated in 2007 to bring former HCMC Residents who are established in their medical/research practice back to the HCMC Department of Medicine to present current topics of their expertise.

DISTINGUISHED RESIDENT ALUMNUS OF THE YEAR:
2007  Rosemary A. Quirk, M.D., D.T.M.H.
2008  Rama K. Mallampalli, M.D.
2009  Kenneth McQuaid, M.D.
2010  Hernando González Quiró, M.D.
2011  Robert H. Lohr, M.D., F.A.C.P.
2012  Sue Ravencraft, M.D., F.A.C.P
2013  Karin Nelson, M.D.
2014  Heather Gantzer, M.D.
2016  David Van Dyke, M.D.
2017  Andrew Kamp, M.D.
2021  Kevin Larsen, M.D., F.A.C.P.

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ACKNOWLEDGEMENTS

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Renee L. B. Marrero
Belinda J. Rogers

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Rosemary Quirk, M.D., D.T.M.H
Michelle L. Herbers
Chad Hood
Jill E. Kennedy
Sandra M. Main
Belinda J. Rogers

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