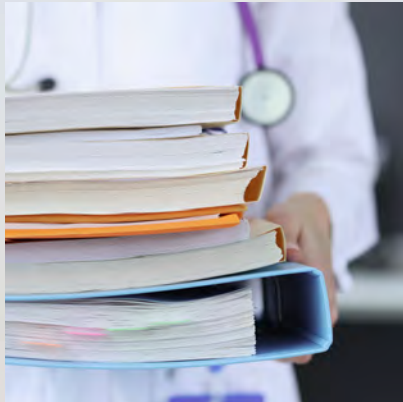


2022 ANNUAL REPORT



**Building+
ReBuilding**



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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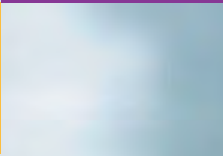
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Introduction
+ Overview



Building + ReBuilding

“Building and Rebuilding” is this year’s theme, for in 2022 the Department of Medicine emerged from the effects of the COVID 19 pandemic and continued to grow and develop. To support our growth and recovery, we focused on ensuring that each member of our department knew how much they are valued.

To demonstrate the value of each individual in our group, we focused on a few key projects.

- **We planned for a refresh of our department lobby to create a space that welcomes all our members.** To prepare for the new space, we held a New Year’s celebration in which we honored and recognized the leaders whose portraits were displayed in the department lobby. Then, with the help of a volunteer committee, we selected a local artist to create a piece for our department lobby that represents our community. The committee reviewed the work of a number of artists and ultimately selected Amir Khadar to create a piece that represents the work we do, our values, and the people we serve.
- **We reinstated our Seed Grants/Small Innovation Grants Program for both research initiatives and for academic development.** These grants were available for all department members, and after a competitive selection process, we were able to fund nine projects with a total of \$30,000.
- **A volunteer committee of division directors created a standard process for use of departmental funds earned through clinical productivity.** The group created a fair, transparent, equitable process

through which all physicians receive compensation aligned with their FTE, independent of individual productivity or divisional productivity. The rationale is that each of us is needed for the work of the department, and inherently some work lends itself to more RVU production. We recognize that RVUs are an imperfect measure of effort and productivity. Funds are also directed to divisions to support academic work, team building work, and members’ efforts academic development.

- **We continued to build on our mentoring programs and leveraged all opportunities we could identify for faculty development.** As one example, we were able to enroll five faculty in the University of Minnesota’s Foundations of Leadership Excellence Program that we sent Drs. Anne Becker, Mary Erickson, David Flemig, Selome Gezahegn, and Jenell Stewart. This is a year-long cohort-based program to build leadership skills.
- **We focused our efforts in nominating our members for local, regional, and national awards for their deeply meaningful contributions to our community.** A few examples include Dr. Ellen Coffey receiving the Charles Bolles Bolles-Rogers Award from the Twin Cities Medical Society Foundation and the Laureate

Award from the American College of Physicians-Minnesota Chapter. And, Dr. Haylee Veazey received the Diversity, Equity and Inclusion Award from the American College of Physicians-Minnesota Chapter.

- **Over the course of the year, we welcomed 26 new colleagues into our community, 17 new physicians and 9 new advanced practice providers.** This is a remarkable number and represents both a tremendous amount of work by our division directors, managers, and medical office coordinators, and indeed, all of you. The large number of new hires also represents a belief in and a commitment to all of us. Each of us contribute each day to the culture of our community, and it is this culture that draws new colleagues. The Faculty section of this report also includes the retirement of Dr. Ellen Coffey (30 years of service), Dr. Lisa Fish (10 years of service), Dr. William Keith Henry (21 years of service), Dr. Bertram Kasiske (39 years of service), Dr. William Marinelli (29 years of service), and Dr. Roberta Meyers (35 years of service). We thank these faculty for their long-standing dedication and contributions and wish them all the best in their retirements. In addition to our faculty, we are fortunate to work with 87 outstanding advanced practice providers who provide clinical care in each of our 14 specialty divisions. These providers,

including 7 lead providers, are essential to the provision of both ambulatory and inpatient clinical care and are instrumental in our ability to meet the needs of our patients. Our advanced practice providers are listed on page 25. Congratulations to Kay Tyberg, CNP, who retired after 40 years of service in the Cardiology Division.

As we rebuilt, we continued to provide outstanding medical care, to meaningfully contribute to new knowledge through tremendous work in research, and to build our next generation of physicians through medical education.

As we emerged from the pandemic, we found ways to re-engage in our professional community together. The pandemic taught us countless lessons, and certainly one central one was the value of gathering with one another. We gather to support one another in the challenging and gratifying work we do, to learn from one another, and to find joy together. Over the course of the year, it was a delight to see the way in which we cared for one another.

Throughout 2022, our department members continued to receive local, national, and international recognition



Anne G. Pereira, MD, MPH

Interim Scott F. Davies
Endowed Chair



Ilesha Galloway-Gilliam, MD

Vice Chair



Mark Linzer, MD

M. Thomas Stillman
Endowed Chair and
Director of Education,
Mentorship and
Scholarship



Martin J. Stillman, MD, JD

Director of Provider
Wellness and Retention

and awards for outstanding work in clinical care, teaching and research. These impressive recognitions and awards are reported in the Honors and Recognition section of the report. Included in this section are 34 of our physicians from the *Minnesota Monthly Magazine* list of Top Doctors, 18 physicians in the *Mpls.StPaul Magazine* list of Top Doctors and 11 Rising Stars.

The hard work of many people led to the successful academic promotion for six of our colleagues in the Department of Medicine at the University of Minnesota Medical School. Congratulations to Dr. Caitlin Eccles Radtke promoted to Associate Professor, Dr. David Hilden to Professor, Dr. Rehan Karim to Associate Professor, Dr. Danielle Robertshaw to Associate Professor, Dr. Katherine Shafto to Associate Professor, and Dr. Katherine Diaz Vickery to Associate Professor.

The Department of Medicine had several faculty transitions in 2022 which impacted clinical activity. By the end of the year, with much recruitment activity, several divisions had started to rebuild. However, the growth of services and patient encounters we had seen in previous years was not sustained during this transition period. Ambulatory encounters in the Department of Medicine decreased by 5.57% from prior year, as shown in Figure 1. Campus based provider

Inpatient encounters
↑ 3.55%

ambulatory encounter volumes decreased 4.10% and specialty outreach provider encounters in community clinic

settings also saw a decrease of 10.3%, compared to prior year. Inpatient encounters increased by 3.55% (as shown in Figure 1). Average length of stay continued to stay high with an increase to 6.55 from 5.17 in 2021. Total gross billings from the Department increased by 1.2%, going from \$108,769,014 in 2021 to \$110,112,470 in 2022. This slight increase is due to the inpatient length of stay and encounters offset by the decrease in clinic visits. In addition, actual aggregate collections saw an increase of 17.04% primarily due to the new funding source for safety net hospitals called directive payments that Hennepin Healthcare received in 2022 (as shown in Figure 2).

Clinical

In 2022, 87% of the Department's cash revenues came from clinical activities, 6% from service contracts, and 7% from research grants and contracts (as shown in Figure 3). Total costs awarded for Department of Medicine Research Grants and Contracts was



Rosemary Quirk, MD, DTMH

Director of Internal Medicine Residency Program



Allyson Hart, MD, MS

Co-Director, Health Equity and Social Justice



Brian Muthyala, MD, MPH

Co-Director, Health Equity and Social Justice



Matthew Young, MD

Co-Director, Health Equity and Social Justice

FIG. 1. Provider-Patient Encounters

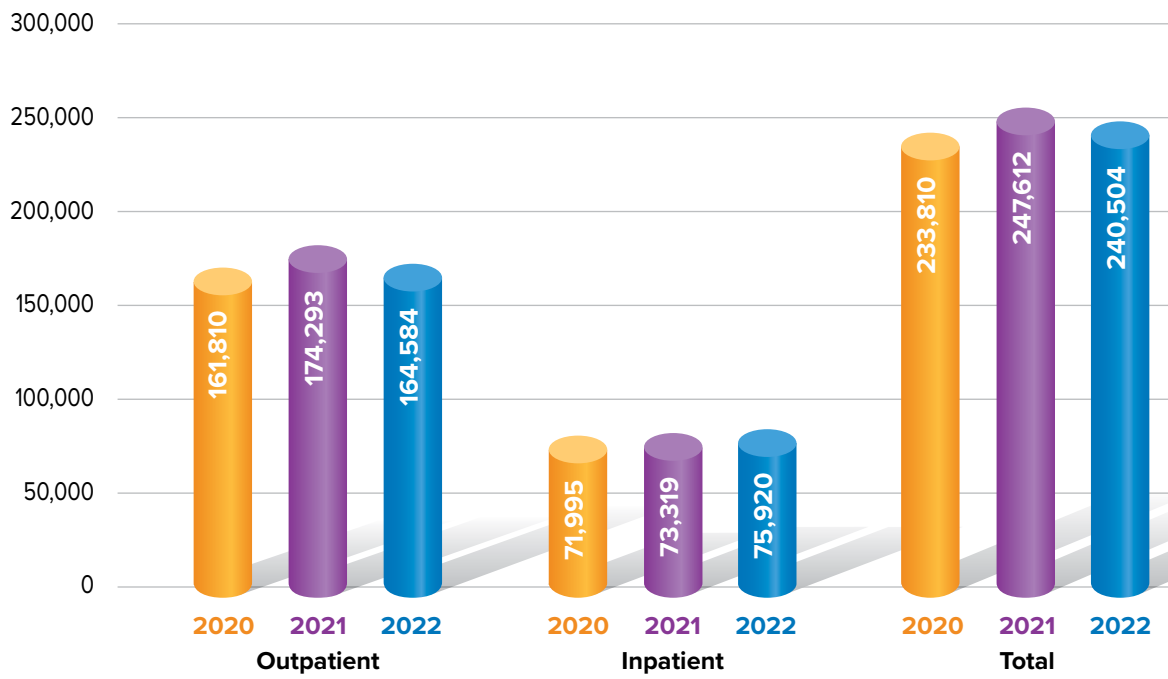


FIG. 2. Trends in Key Funding Sources

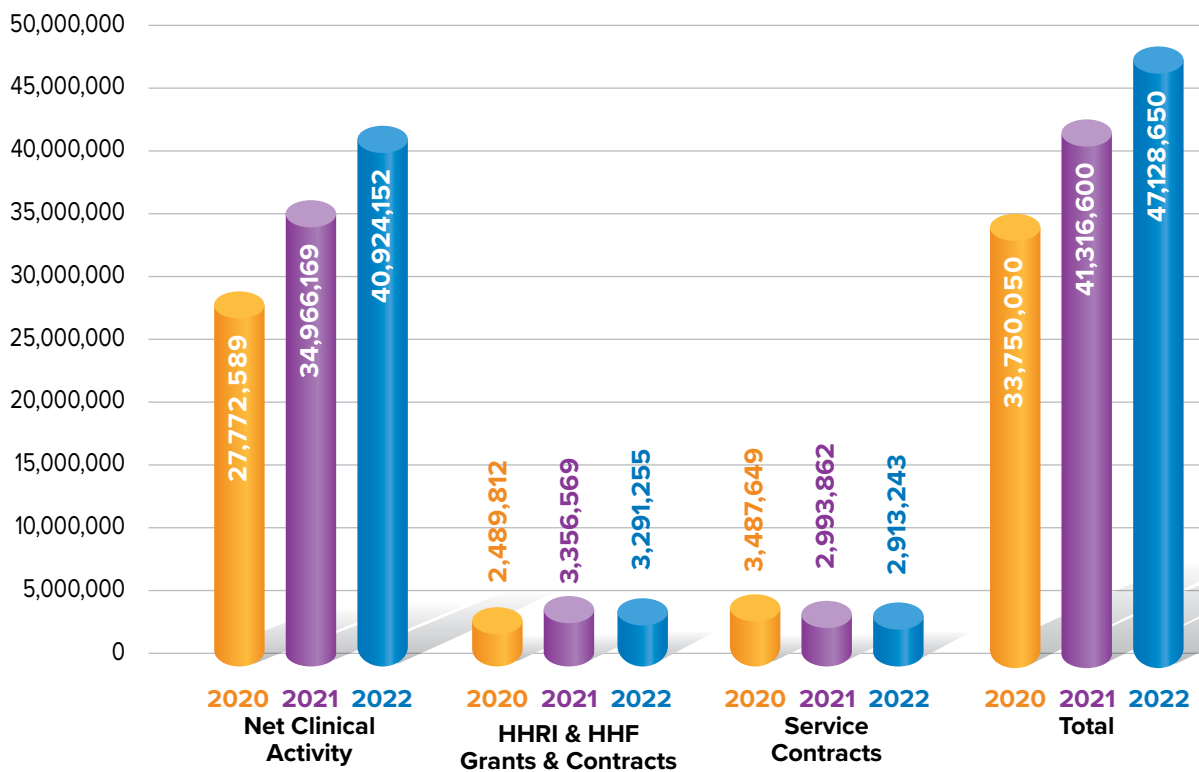
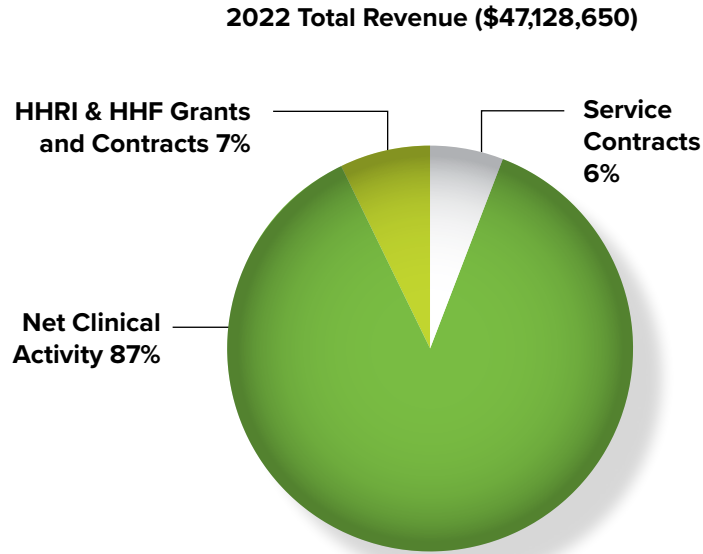


FIG. 3 Funding Profile



264 peer reviewed publications

industry funded awards in Clinical Pharmacology, General Internal Medicine, and Nephrology offset by an increase in governmental and industry funded awards in Geriatric Medicine, Infectious Diseases, and Department of Medicine Leadership. For additional information of our research and scholarly activities throughout the department including our 264 peer reviewed publications in 2022 as reported starting on page 27.

Under the continued directorship of Dr. Rosemary Quirk, the Medical Education Program remains strong and resilient. Our residency programs and our fellowship programs continue to be in high demand as reported in our Medical Education Program update starting on page 52.

Dr. Arti Prasad led the department through the challenging years of the COVID-19 pandemic and

\$35,941,967 which is a 3.42% decrease from prior year, primarily due to decreases in governmental and

through April of 2022. I had the honor of being asked to step in and lead the department when she moved into a new role in the organization, and I am deeply grateful to have had the opportunity to lead the department through much of 2022. When I reflect on my leadership tenure, I am amazed and humbled to think of the tremendous capacity we represent as a group of people committed to improving the health and wellbeing of the patients we serve. The pandemic also taught us anew the importance of caring for ourselves and one another. I can't think of a place I would rather be than right here, with all of you, doing this meaningful work together. I am proud and honored to be counted amongst all of you.

Anne Pereira, MD, MPH
Interim Chair, Department of Medicine
Professor and Interim Vice Chair of Medicine
University of Minnesota Medical School

DEPARTMENT OF MEDICINE

ADMINISTRATIVE OFFICERS

Chair

Arti Prasad, M.D. (January–April)

Anne G. Pereria, M.D., M.P.H. (May–December)

Vice Chair

Iesha Galloway-Gilliam, M.D.

Co-Directors of Health Equity and Social Justice

Allyson Hart, M.D.

Brian K. Muthyala, M.D.

Matthew Young, M.D.

Director of Education, Mentoring, and Scholarship

Mark Linzer, M.D.

Director of Internal Medicine Residency Program

Rosemary A. Quirk, M.D., D.T.M.H.

Director of Provider Wellness and Retention

Martin J. Stillman, M.D., J.D.

Administrative Operations Manager

Belinda J. Rogers

Practice Managers

Megan Jorgenson

Jill E. Kennedy

Associate Program Directors

Michael J. Lawson, M.D.

Rawad Nasr, M.D.

Jessica L. Oswald, D.O.

Charles P. Reznikoff, M.D.

Brian Yablon, M.D.

Director of Undergraduate Medical Education

Samuel T. Ives, M.D.

Faculty Development for Medical Education Director

Anne L. Becker, 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

Laura T. LaFave, M.D.

Gastroenterology

Robert J. Matlock, M.D.

General Internal Medicine

Tyler N.A. Winkelman, M.D.

Geriatric and Palliative Medicine

Mariam Anwar, M.D.

David Flemig, M.D.

Hematology and Medical Oncology

Satya Bommakanti, 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 + Advanced Practice Providers



FACULTY 2022

Office of the Chair

Ilesha Galloway-Gilliam, M.D. *Assistant Professor*
Allyson Hart, M.D., M.S. *Associate Professor*
Mark Linzer, M.D. *Professor*
Brian K. Muthyala, M.D., M.P.H. *Assistant Professor*
Anne G. Pereira, M.D. *Professor*
Rosemary A. Quirk, M.D., D.T.M.H. *Assistant Professor*
Martin J. Stillman, M.D., J.D. *Associate Professor*
Matthew Young, M.D. *Assistant Professor*

Addiction Medicine

Gavin B. Bart, M.D., Ph.D. *Professor*
Lauren K. Graber, M.D., M.P.H. *Assistant 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

Woubeshet Ayenew, M.D. *Assistant Professor*
Fouad A. Bachour, M.D. *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. *Associate 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*
Ayesha Mehfooz, M.D. *Assistant Professor*

Gastroenterology

Khalil Farah, M.D. *Assistant Professor**
Hernando Gonzalez, M.D. *Assistant Professor**
Yuri Hanada, M.D. *Assistant Professor*
Ahmad H. Malli, M.D. *Assistant Professor*
Robert J. Matlock, M.D. *Assistant Professor*
Maria E. Moscardrew, M.D. *Assistant Professor*

General Internal Medicine

Erik G. Anderson, M.D. *Assistant Professor*
Teresa I. Barrera-Anderson, M.D. *Assistant Professor*
Heather W. Baxter, M.D. *Assistant Professor*
Alexander Bryan, M.D., M.P.H. *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*
Ilesha A. Galloway-Gilliam, M.D. *Assistant Professor*
Elizabeth C. Goelz, M.D. *Assistant Professor*
Haeshik S. Gorr, M.D. *Assistant Professor*
David R. Hilden, M.D., M.P.H. *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*
Manji Osifeso, M.D. *Assistant Professor**
Deepti Pandita, M.D. *Assistant Professor*
Maarya Pasha, M.D. *Assistant Professor*
Douglas J. Pryce, M.D. *Associate Professor*
Danielle C. Robertshaw, M.D. *Associate Professor*

FACULTY 2022

General Internal Medicine (Cont.)

Aaron D. Rutzick, M.D. *Assistant Professor*
Carla M. Schultz, M.D. *Assistant Professor**
Rachel Silva, M.D., M.P.H. *Assistant Professor*
Katherine G. Shafto, M.D. *Associate 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. *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*
Emily D. Escue, M.D. *Assistant Professor*
David Flemig, M.D. *Assistant Professor*
Kurt Hessen, M.D. *Assistant Professor*
Lawrence J. Kerzner, M.D. *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. *Associate Professor**
Anne M. Murray, M.D., M.Sc. *Professor*
Anne G. Pereira, M.D., M.P.H. *Professor*
Kerry M. Sheets, M.D. *Assistant Professor*

Hematology and Medical Oncology

Satya V. Bommakanti, M.D. *Assistant Professor*
Nicole Jacobi, M.D. *Assistant Professor**
Rachel Koreth, M.D. *Assistant Professor*
Richard J. Lee, M.D. *Assistant Professor*
Vicki A. Morrison, M.D. *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

Bariituu Adam, M.D. *Assistant Professor*
William S. Allen, M.D. *Assistant Professor*
Anne L. Becker, M.D. *Assistant Professor*
Anushree Bora, M.D. *Assistant Professor*
Max Fraden, M.D. *Assistant Professor*
Selome G. Gezahegn, M.D. *Assistant Professor*
Eric J. Hazen, M.D. *Assistant Professor*
Awil W. Hirsi, M.D. *Assistant Professor*
Daniel G. Hoody, M.D. *Assistant Professor*
Ann Isaksen, M.D. *Assistant Professor*
Ryan Jelinek, D.O. *Assistant Professor*
Adam G. Kolb, M.D. *Assistant Professor*
Michael J. Lawson, M.D. *Assistant Professor*
Matthew S. Lehnert, M.D. *Assistant Professor*
Joshua Liu, 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*
Brian K. Muthyala, M.D., M.P.H. *Assistant Professor*
Rebecca Nahum, 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*
Daniel Parsons-Moss, M.D. *Appointment pending*
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*
Korkor Sackey, M.D. *Appointment pending*
Christine Schwab, M.D. *Assistant Professor*
Wendy A. Stansbury-O'Donnell, M.D. *Assistant Professor*
David B. Van Schyndel, M.D. *Assistant Professor*
Meghan M. Walsh, M.D., M.P.H. *Associate Professor*
Gregory Wieland, M.D. *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 2022.

FACULTY 2022

Infectious Diseases

Jason V. Baker, M.D., M.S. *Associate Professor*
Kristina Burrack, Ph.D. *Assistant Professor*
Caitlin Eccles-Radtke, M.D. *Associate Professor*
Anne E.P. Frosch, M.D., M.P.H. *Assistant Professor*
W. Keith Henry, M.D. *Professor and Clinical Assistant Professor, School of Public Health**
Amanda J. Noska, M.D., M.P.H. *Assistant Professor*
Jessica Oswald, D.O. *Assistant Professor*
R. Bryan Rock, M.D. *Associate Professor*
Ronald L. Schut, M.D. *Assistant Professor*
Megan K. Shaughnessy, M.D. *Assistant Professor*
Jenell C. Stewart, D.O., M.P.H. *Assistant Professor*
Nicholas S. Vogenthaler, M.D. *Assistant Professor*
Rebecca J. Zadroga, M.D. *Assistant Professor*

Nephrology

David C. Dahl, M.D. *Assistant Professor*
Casey Dorr, Ph.D. *Assistant Professor*
Keith E. Eidman, D.O. *Assistant Professor**
David T. Gilbertson, Ph.D. *Associate Professor*
Allyson Hart, M.D., M.S. *Associate 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. *Associate Professor*
Warren McKinney, Ph.D. *Assistant Professor*
Eileen A. O'Shaughnessy, M.D. *Assistant Professor*
Meena Sahadevan, M.D. *Assistant Professor*
Cory R. Schaffhausen, Ph.D. *Assistant Professor*
John R. Silkensen, M.D. *Assistant Professor*
Jon Snyder, Ph.D., M.S. *Associate 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*
Caroline W. Davis, M.D. *Assistant 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

Rawad Nasr, M.D. *Assistant Professor*
Peter A. Schlesinger, 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
Jessica L. Oswald, D.O. *Assistant Professor*
Infectious Diseases
Rosemary A. Quirk, M.D., D.T.M.H. *Assistant Professor*
Hospital Medicine
Charles P. Reznikoff, M.D. *Associate Professor*
Addiction Medicine
Brian Yablon, M.D. *Assistant Professor*
Hospital Medicine

Medicine Chief Residents (2021-2022)

Peter Bache-Wiig, M.D. *Instructor**
Max Fuller, M.D. *Instructor**
Rebecca Kummer, M.D. *Instructor**

Medicine Chief Residents (2022-2023)

Arianna E. Lofrano, M.D. *Instructor*
Amber Lindsay, M.D. *Instructor*
Shrikar Rajagopal, M.D. *Instructor*

FACULTY TRANSITIONS 2022

DIVISION	NAME	FORMER ACADEMIC POSITION	CURRENT POSITION <i>Departure Date</i>
Addiction Medicine	JoAn R. Laes, M.D.	Assistant Professor	Hospitalist Allina Health Coon Rapids, Minnesota <i>July 2022</i>
Cardiology	Appesh N. Mohandas, M.D.	Assistant Professor	Cardiologist HealthPartners St. Paul, Minnesota <i>October 2022</i>
Endocrinology, Metabolism and Diabetes	Sarah Bou Malham, M.D.	Assistant Professor	In Transition <i>June 2022</i>
	Lisa H. Fish, M.D.	Assistant Professor	Retirement <i>June 2022</i>
Gastroenterology	Khalil Farah, M.D.	Assistant Professor	Gastroenterologist MNGI Digestive Health Plymouth, Minnesota <i>January 2022</i>
	Hernando Gonzalez, M.D.	Assistant Professor	Gastroenterologist Mount Sinai Medical Center Miami Beach, Florida <i>July 2022</i>
General Internal Medicine	Ellen M. Coffey, M.D.	Assistant Professor	Retirement <i>September 2022</i>
	Joshua Lackner, M.D.	Assistant Professor	Internal Medicine Physician Allina Health Highland Park Clinic St. Paul, Minnesota <i>September 2022</i>
	Manoj Osifeso, M.D.	Assistant Professor	Internal Medicine Physician Christus Health Trinity Clinic Tyler, Texas <i>July 2022</i>
	Carla M. Schultz, M.D.	Assistant Professor	Internal Medicine Physician Stellis Health Monticello Clinic Monticello, Minnesota <i>November 2022</i>
	Erica J. Weiss, M.D.	Assistant Professor	In Transition <i>December 2022</i>

Continued next page

FACULTY TRANSITIONS 2022

DIVISION	NAME	FORMER ACADEMIC POSITION	CURRENT POSITION <i>Departure Date</i>
Geriatric and Palliative Medicine	Roberta M. Meyers, M.D., M.P.H.	Associate Professor	Retirement <i>March 2022</i>
Hematology/ Medical Oncology	Nicole Jacobi, M.D.	Assistant Professor	Hematology/Oncologist Minnesota Oncology Coon Rapids Clinic & Maple Grove Clinic Coon Rapids and Maple Grove, Minnesota <i>January 2022</i>
	Karim R. Saab, M.D.	Assistant Professor	Hematology/Oncologist Atlantic Health System Morristown, New Jersey <i>October 2022</i>
Infectious Diseases	W. Keith Henry, M.D.	Professor	Retirement <i>June 2022</i>
Nephrology	Keith E. Eidman, D.O.	Assistant Professor	Nephrologist InterMed Consultants Edina, Minnesota <i>April 2022</i>
	Bertram L. Kasiske, M.D.	Professor	Retirement <i>December 2022</i>
Pulmonary, Allergy and Critical Care	Michele M. LeClaire, M.D.	Assistant Professor	Pulmonologist VA Medical Center Minneapolis, Minnesota <i>May 2022</i>
	William A. Marinelli, M.D.	Associate Professor	Retirement <i>July 2022</i>
Medical Education Program	Peter Bache-Wiig, M.D.	Instructor	Critical Care Fellowship Hennepin Healthcare Minneapolis, Minnesota <i>June 2022</i>
Medicine Chief Residents	Max Fuller, M.D.	Instructor	Cardiology Fellowship Hennepin Healthcare Minneapolis, Minnesota <i>June 2022</i>
	Rebecca Kummer, M.D.	Instructor	Pulmonary Critical Care Fellowship University of Minnesota Medical School Minneapolis, Minnesota <i>June 2022</i>

NEW FACULTY 2022

DIVISION	NAME	FORMER POSITION	CURRENT ACADEMIC POSITION <i>Hire Date</i>
Addiction Medicine	Lauren K. Graber, M.D., M.P.H.	Senior Vice President of Population Health and Quality Minnesota Community Care St. Paul, Minnesota	Assistant Professor <i>November 2022</i>
Endocrinology, Metabolism and Diabetes	Ayesha Mehfooz, M.D.	Endocrinology and Metabolism Fellow University of Minnesota Medical School Minneapolis, Minnesota	Assistant Professor <i>October 2022</i>
Gastroenterology	Yuri Hanada, M.D.	Advanced Endoscopy Fellow University of Colorado Hospital Aurora, Colorado	Assistant Professor <i>September 2022</i>
General Internal Medicine	Erik G. Anderson, M.D.	Internal Medicine and Pediatric Resident University of Minnesota Medical School Minneapolis, Minnesota	Assistant Professor <i>November 2022</i>
	Alexander Bryan, M.D., M.P.H.	Physician, Department of Medicine Gouverneur Health Center; Medical Director, Chronic Diseases and Prevention Office of Ambulatory Care and Population Health New York City Health and Hospitals New York, New York	Assistant Professor <i>November 2022</i>
	Elizabeth C. Goelz, M.D.	In Transition	Assistant Professor <i>December 2022</i>
Geriatric and Palliative Medicine	Kurt Hessen, M.D.	Physician, Emergency Medicine North Memorial Health Robbinsdale, Minnesota and Maple Grove Hospital Maple Grove, Minnesota	Assistant Professor <i>September 2022</i>
Hospital Medicine	Rebecca Nahum, M.D.	Resident, Emergency Medicine/ Internal Medicine Program Hennepin Healthcare Minneapolis, Minnesota	Assistant Professor <i>August 2022</i>
	Daniel Parsons-Moss, M.D.	Resident, Emergency Medicine/ Internal Medicine Program Hennepin Healthcare Minneapolis, Minnesota	Appointment pending <i>July 2022</i>
	Korkor Sackey, M.D.	Locum Tenen	Appointment pending <i>December 2022</i>

Continued next page

NEW FACULTY 2022

DIVISION	NAME	FORMER POSITION	CURRENT ACADEMIC POSITION <i>Hire Date</i>
Infectious Diseases	Jenell C. Stewart, D.O., M.P.H.	Infectious Diseases Physician University of Washington Medical Center Montlake, and Harborview Medical Center Seattle, Washington	Assistant Professor August 2022
Nephrology	Andrea Nelson, M.D.	Nephrology Physician University of Utah and George E. Wahlen Veterans Affairs Medical Center Salt Lake City, Utah	Appointment Pending <i>October 2022</i>
Pulmonary, Allergy and Critical Care	Caroline W. Davis, M.D.	Fellow, Pulmonary and Critical Care University of Michigan Ann Arbor, Michigan	Assistant Professor <i>July 2022</i>
Rheumatology Division	Rawad Nasr, M.D.	Rheumatology Physician HealthPartners Park Nicollet Saint Louis Park, Minnesota	Assistant Professor <i>October 2022</i>
Medical Education Program	Amber Lindsay, M.D.	Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota	Instructor <i>July 2022</i>
	Arianna E. Lofrano, M.D.	Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota	Instructor <i>July 2022</i>
	Shrikar Rajagopal, M.D.	Internal Medicine Resident Hennepin Healthcare Minneapolis, Minnesota	Instructor <i>July 2022</i>

2022 HONORS AND RECOGNITION OF FACULTY

ADDICTION 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

Planning Committee, National Academies of Sciences, Engineering, and Medicine Methadone Treatment for Opioid Use Disorder: Examining Federal Regulations and Laws: A Workshop

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*

Brian J. H. Grahan, M.D., Ph.D.

Medication Assisted Treatment Work Group, Institute for Clinical Systems Improvement

Top Doctors Award, *Minnesota Monthly Magazine*

Kathleen Heaney, M.D.

Mental Health Task Force to Reduce Emergency Department Boarding of Psychiatric Patients, Minnesota Medical Association, Minnesota Chapter, American College of Emergency Physicians

Top Doctors Award, *Minnesota Monthly Magazine*

JoAn R. Laes, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Charles P. Reznikoff, M.D.

American College of Physicians:

- Council
- Scientific Planning Committee

American Medical Association:

- Pain Care Task Force
- Substance Use and Pain Care Task Force

Charter Member, Minnesota Society of Addiction Medicine

Governor's Task Force for Medical Cannabis

Medical Advisory Committee, Steven Rummler Memorial Foundation

Top Doctors Award, *Minnesota Monthly Magazine*

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.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Steven R. Goldsmith, M.D.

Director, Minnesota Heart Failure Consortium

2022 HONORS AND RECOGNITION OF FACULTY

CARDIOLOGY (CONT.)

Charles A. Herzog, M.D.

American Heart Association:

- Scientific Statement Work Group, Home Therapies
- Scientific Statement Work Group, Management of Kidney and Liver Transplant Candidates

Cardio-Renal Steering Group, International Society of Nephrology Collaboration

Canadian-Australasian Randomized Trial of Screening Kidney Transplant Candidates for Coronary Artery Disease (CARSK):

- Chair
- Steering Committee

Data Monitoring Committee, MK2060 Phase 2 Study

Data Monitoring Committee, The Study of Heart and Kidney Protection with Empagliflozin (EMPA-KIDNEY) Trial

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, Cardiovascular and Renal Protection with SGLT2 Inhibition in Kidney Transplant Recipients (Renaissance) Trial

Editorial Board, *American Heart Journal*

Rehan M. Karim, M.D.

Audit Committee, Heart Rhythm Society

Gautam R. Shroff, M.D.

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)

Distinguished Teaching Award, Hennepin County Medical Center/Abbott Northwestern Hospital Cardiovascular Disease Fellowship Training Program, Minneapolis, Minnesota.

Top Doctors Award, *Minnesota Monthly* Magazine

CLINICAL PHARMACOLOGY

Andrew M. Busch, Ph.D., MSc.

Chair, Data Safety Monitoring Board, Implementation of Cessation Treatment in Community Based Mental Health Centers

Chair, Topic Area, Cardiovascular Disease, Society for Behavioral Medicine

Consulting Editor, *Health Psychology*

Editorial Board, *Clinical Psychology Review*

Andrew C. Harris, Ph.D.

Special Emphasis Panel ZRG 1 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.

Review committee for American Cancer Society Healthcare Outcomes, Policy and Systems Research grant review committee

Research Excellence Award, Department of Medicine, Hennepin Healthcare

Mark G. LeSage, Ph.D.

Consultant, Center for Tobacco Products, Food and Drug Administration

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 E. Kempainen, M.D.

Advisory Board, YMCA Diabetes Prevention

Laura T. LaFave, M.D.

Graduate Medical Education Clinical Teaching Excellence Award, University of Minnesota

Top Doctors Award, *Minnesota Monthly* Magazine

2022 HONORS AND RECOGNITION OF FACULTY

GASTROENTEROLOGY

Robert J. Matlock, M.D.

Graduate Medical Education Clinical Teaching Excellence Award, University of Minnesota
Top Doctors Award, *Minnesota Monthly Magazine*

GENERAL INTERNAL MEDICINE

Heather W. Baxter, M.D.

University of Minnesota Medical School's Exceptional Affiliate Faculty Teaching Award
Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Ellen M. Coffey, M.D.

Charles Bolles Bolles-Rogers Award
Laureate Award, American College of Physician-Minnesota Chapter
Top Doctors Award, *Mpls.St.Paul Magazine*

David R. Hilden, M.D., M.P.H.

American College of Physicians:

- Governor, Minnesota Chapter of the American College of Physicians
- Vice-Chair, Health and Public Policy Committee

John A. Benson, Jr, MD Professionalism Article Prize, American Board of Internal Medicine Foundation
Top Doctors Award, *Mpls.St.Paul Magazine*

A. Katherine Hust, M.D.

Care Delivery System Coalition, Minnesota Department of Health, Minnesota Health Systems COVID-19 Partnership
Minnesota Community Measurement:

- Social Risk Factor Technical Advisory Group
- MARC Measure Review and Prioritization Subcommittee

Samuel T. Ives, M.D.

Inducted into the Alpha Omega Alpha Honor Society

Kacia Lee, M.D.

Clinical Excellence Award, Department of Medicine, Hennepin Healthcare

Hannah S. Lichtsinn, M.D.

Advocates for Better Health:

- Board Member
- Health Policy Committee

American Academy of Pediatrics:

- Board Member, Minnesota Chapter
- Co-Chair, Health Policy
- National Spokesperson

Chair, Executive Board, Our Stories. Our Health
Co-Founder, Minnesota Immigrant Health Alliance

Mark Linzer, M.D., M.A.C.P.

Wellness Infrastructure Committee, American College of Physicians

Arti Prasad, M.D.

Board of Directors, Pathways
Founding Board of Directors, American Board of Integrative Medicine

Douglas J. Pryce, M.D.

Chair, Board of Directors, East African Project

Danielle C. Robertshaw, M.D.

National Health Care for the Homeless Council:

- Clinicians' Network
- Policy Committee
- Respite Care Provider's Network

2022 HONORS AND RECOGNITION OF FACULTY

GENERAL INTERNAL MEDICINE (CONT.)

Aaron D. Rutzick, M.D.

Top Doctors Award, *Mpls.St.Paul Magazine*

Carla M. Schultz, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Rachel Silva, M.D., M.P.H.

Employee Excellence Award, Jail Health Services, Hennepin Healthcare

Martin J. Stillman, M.D., J.D.

Advisory Board, Health Law Institute, Mitchell 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

Haylee Veazey, M.D.

Diversity, Equity and Inclusion Award, American College of Physicians, Minnesota Chapter

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

Technical Expert Panel, National Quality Forum, Best Practices for Developing and Testing Risk Adjustment Models

Tyler N.A. Winkelman, M.D., M.Sc.

Board of Directors, Advocates for Better Health

Co-Chair, Research Abstracts, Midwest Annual Meeting Program Committee, Society of General Internal Medicine

Health and Reentry Project Advisory Committee, Council on Criminal Justice

Minnesota Electronic Health Record (EHR) Consortium:

- Co-Founder
- Executive Committee
- Governance Board
- President

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Deputy Editor, *Journal of General Internal Medicine*

GERIATRIC AND PALLIATIVE MEDICINE

Mariam Anwar, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Lawrence J. Kerzner, M.D.

Falls Committee, Minnesota Hospital Association

Minnesota Elder Justice Center:

- Board of Directors
- Policy Committee

Top Doctors Award, *Minnesota Monthly Magazine*

Thomas J. Klemmond, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Samuel Maiser, M.D.

Leadership Council Member, ALS Association of Minnesota, North Dakota and South Dakota

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Anne M. Murray, M.D., M.Sc.

Review Panel Member, Data Safety and Monitoring Board NIA FIT- AD

2022 HONORS AND RECOGNITION OF FACULTY

GERIATRIC AND PALLIATIVE MEDICINE (CONT.)

Anne G. Pereira, M.D., M.P.H.

Mock Site Visitor, Accreditation Council for Graduate
Medical Education International
Policy Council, Minnesota Medical Association

Kerry M. Sheets, M.D.

ASPREE:

- Dementia Adjudication Committee
- Dementia Working Group

Editorial Board, *Journal of the American Geriatrics
Society*

HEMATOLOGY AND MEDICAL ONCOLOGY

Satya Bommakanti, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

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:

- Dose Optimization Task Force
- Appropriate Chemotherapy Dosing for Obese
Adult Patients with Cancer, Clinical Practice
Guideline Update
- Daily News Writing/Podcast Sources Committee
- In-Training Exam Task Force

International Society of Geriatric Oncology:

- Membership and National Representative
Committee, Midwest Region

Scientific Committee on Lymphoid Neoplasia, American
Society of Hematology

Editorial Board, *Journal of Geriatric Oncology*

Natarajan Raman, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Douglas J. Rausch, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors Award, *Mpls.St.Paul Magazine*

HOSPITAL MEDICINE

Daniel G. Hoody, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Ryan Jelinek, D.O.

Advisory Board Member, Great Plains Telehealth
Resource and Assistance Center

Executive Board Member, Minnesota Doctors for
Health Equity

Abdirahman Madar, M.D.

Board Member, Somali Medical Association of
North America

Board of Directors, Horn Development Center

Founder and President, Board of Directors,
Somalilander, American Health Association

David Melling, M.D.

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Robert K. Mittet, M.D.

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Brian K. Muthyala, M.D., M.P.H.

Board of Directors, Indian Organization for Rare
Diseases and Disorders

Top Doctors Award, *Minnesota Monthly Magazine*

Daniel Parsons-Moss, M.D.

Morris Davidman Teaching Award, Department of
Medicine, Hennepin Healthcare

Steven Richmond, D.O.

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

2022 HONORS AND RECOGNITION OF FACULTY

HOSPITAL MEDICINE (CONT.)

Meghan M. Walsh, M.D., M.P.H.

Minnesota State Medical Education and Research Costs Committee, Minnesota Department of Health
Top Doctors Award, *Mpls.St.Paul Magazine*

Vignesh Williams Palaniappan, M.D.

Distinguished Staff Teaching Award, Department of Medicine, Hennepin Healthcare
Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Shirlee X. Xie, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Matthew Young, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

INFECTIOUS DISEASES

Jason V. Baker, M.D., M.S., F.I.D.S.A.

Scientific Steering Committee, International Network for Strategic Initiatives in Global HIV Trials
United States Department of Human Health 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
Top Doctors Award, *Minnesota Monthly Magazine*
Top Doctors Award, *Mpls.St.Paul Magazine*
Editorial Panel, *HIV Medicine*

Caitlin Eccles-Radtke, M.D.

Institutional Employee Excellence Award (Dr. Eccles-Radtke and Infection Control Team 2022), Hennepin Healthcare
Top Doctors Award, *Minnesota Monthly Magazine*

Amanda J. Noska, M.D., M.P.H.

Editorial Advisory Board, *Clinical Infectious Diseases*

Ronald L. Schut, M.D.

Top Doctors Award, *Mpls.St.Paul Magazine*

Megan K. Shaughnessy, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*
Top Doctors Award, *Mpls.St.Paul Magazine*

Janell C. Stewart, D.O., M.P.H.

Young Investigator Award, American Sexually Transmitted Disease Association

Nicholas S. Vogenthaler, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

NEPHROLOGY

Keith E. Eidman, D.O.

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
Hennepin Healthcare Medical Staff Honors Award for Outstanding Contributions in Academics
Top Doctors Award, *Minnesota Monthly Magazine*

2022 HONORS AND RECOGNITION OF FACULTY

NEPHROLOGY (CONT.)

Danielle G. Haselby, D.O.

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Ajay K. Israni, M.D., M.S.

Scientific Registry of Transplant Recipients:

- Deputy Project Director
- Medical Director

Kirsten L. Johansen, M.D.

External Expert Panel Member, Chronic Renal Insufficiency Cohort, National Institute of Diabetes and Digestive and Kidney Diseases

Observational Study Monitoring Board, Study of Physical Resilience and Aging, National Institute of Aging

Renal and Urological Sciences Small Business Activities Study Section, National Institutes of Health, Center for Scientific Review

Safety Officer, Preserving Physical Function in Patients with Kidney Disease Study, National Institute of Arthritis and Musculoskeletal and Skin Diseases

Steering Committee, Glaxo Smith Kline Anaemia Studies in Chronic Kidney Disease: 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*

Jon J. Snyder, Ph.D., M.S.

Board of Directors, Organ Donation and Transplantation Alliance

Clinical Policy Board, LifeSource

Secretary, Board of Directors, Donate Life America

Associate Editor, *Transplantation*

Statistical Editor, *American Journal of Transplantation*

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)

Deputy Director, United States Renal Data System

Editorial Board, *Clinical Journal of the American Society of Nephrology*

PULMONARY, ALLERGY AND CRITICAL CARE

Caroline W. Davis, M.D.

Amanda Kinney Wheaton Memorial Award for Exceptional Patient Care, University of Michigan, Ann Arbor, Michigan

Joshua Dorn, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Heidi L. Erickson, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors: Rising Star, *Mpls.St.Paul Magazine*

Robert Kempainen, M.D.

Top Doctors Award, *Mpls.St.Paul Magazine*

James W. Leatherman, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors Award, *Mpls.St.Paul Magazine*

Michele M. LeClaire, M.D.

Top Doctors Award, *Mpls.St.Paul Magazine*

William A. Marinelli, M.D.

Top Doctors Award, *Minnesota Monthly Magazine*

Top Doctors Award, *Mpls.St.Paul Magazine*

2022 HONORS AND RECOGNITION OF FACULTY

PULMONARY, ALLERGY AND CRITICAL CARE (CONT.)

Matthew E. Prekker, M.D., M.P.H.

Co-Founder and Member, Organizing Committee,
Twin Cities ECMO Consortium
Education Committee, American Thoracic Society
Section Editor, Critical Care, *Western Journal of
Emergency Medicine*
Top Doctors Award, *Minnesota Monthly Magazine*
Top Doctors Award, *Mpls.St.Paul Magazine*

Robert S. Shapiro, M.D.

Top Doctors Award, *Mpls.St.Paul Magazine*

Mark D. Sprengle, M.D.

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

Peter A. Schlesinger, M.D.

Top Doctors Award, *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 Hospital Medicine

Charles P. Reznikoff, M.D.

See Addiction Medicine

Brian Yablon, M.D.

See Hospital Medicine

ADVANCED PRACTICE PROVIDERS 2022

Addiction Medicine

Brenda R. Bauch, CNP
Catherine C. Earl-Torniainen, PA-C
Amy L. Skroch, CNP

Cardiology

Lena Hess, CNP
Vivian M. Igwacho, CNP
Jill Jordan, PA-C
Michael N. Konstantinides, PA-C
Melissa M. LaBrosse, PA-C
Kay L. Tyberg, CNP*

Endocrinology, Metabolism and Diabetes

Megan McGovern, CNP
Cathy O'Brien, CNP

Gastroenterology

Marisa Baker, PA-C
Jesse Powell, PA-C
Chelsea R. Shaw, PA-C
Sydney Ungar, PA-C

General Internal Medicine

Bethany Allen, CNP
Kelsie Byrd, CNP
Sareedo A. Hashi, CNP*
Kathryn Hoffman, CNP
Brian H. Imdieke, CNP
Susan Johnson, CNP
Kaylin Kolb, CNP
Sarah J. Lexcen, PA-C
Ashley Lundberg, CNP
Emily J. Mercil, CNP
Delphine Murzello, CNP
Debora Nugent, CNP
Samuel Obeng-Amoako, CNP
Xin Piao, CNP
Lindsey L. Pogemiller, CNP
Brooke R. Rogers, PA-C

Elspeth K. Ronnander, CNP
Lewis Simpler, CNP
Gay M. Varecka, CNP
Nicole M. Weaver, CNP
Elsie Woodward, CNP
Padla Yang, CNP

Geriatric and Palliative Medicine

Michelle Aldrich-Goldstein, CNP
Koleena J. Harrison, CNP
Kathleen S. Holets, CNP
Sheila A. Howes, CNP
Felicia C. Ikebude, CNP
Gregory J. Leierwood, CNP
Sharon J. Momanyi, CNP*
Edward Newton, CNP
James Orton, PA-C
Elizabeth Purdy, CNP
Maria I. Santos, CNP
Comfort T. Seibure, CNP
Shakilah M. Shalita, CNP

Hematology/Medical Oncology

Louann Bosmans, CNP
Mary E. Johnston, CNP
Mary Katharine Johnson, CNP
Syndal Ortman, CNP
Anne Remington, CNP

Hospital Medicine

Erica DeVries, PA-C
Bray E. Johnson, CNP
Haley L. Johnson, PA-C
Kathryn Nichols, PA-C
Michelle L. Oeding, PA-C
Casey L. Stessman, PA-C
Joseph Strangfeld, PA-C

Infectious Diseases

Margaret Fitzthum, CNP
George Froehle, CNP
Brian Goodroad, CNP
Kristin M. Grage, CNP*
Kathleen M. Kuempel, CNP

Integrative Health and Wellness

Charlotte Alvarez, LAc
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 Policano, 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, CNP
Rachel A. Sumo, CNP

Pulmonary, Allergy and Critical Care

Elizabeth Roth, CNP

* Left Division in 2022.

Cigarette Smoke Extract, but Not Electronic Cigarette Aerosol Extract, Inhibits Monoamine Oxidase *in vitro* and Produces Greater Acute Aversive/Anhedonic Effects Than Nicotine Alone on Intracranial Self-Stimulation in Rats

Andrew C Harris ^{1,2}, Peter Matusik ¹, Aleksandra Acharya ¹, Irma Slesinger ¹, Malik Q LaDage ^{1,2}

Affiliations + email

PMID: 35712481 PMID: PMC9190039 DOI: 10.3389/fnhm.2022.889088

Free PMC article

Abstract

Conventional tobacco cigarettes appear to have greater abuse liability than non-combusted products such as electronic cigarettes (ECs) and nicotine replacement therapy (NRT). This may be due to the higher levels of behaviorally active non-nicotine constituents (e.g., monoamine oxidase (MAO) inhibitors such as β -carbolines) in cigarette smoke (CS) compared to non-combusted products. To evaluate this hypothesis, the current studies compared the relative abuse liability of CS and EC aerosol extracts containing nicotine and a range of non-nicotine constituents to that of nicotine alone (NRT analog) using intracranial self-stimulation (ICSS) in rats. Effects of formulations on brain MAO activity *in vitro* and *ex vivo* were also studied to evaluate the potential role of MAO inhibition in the ICSS study. CS extract contained higher levels of several behaviorally active non-nicotine constituents (e.g., the β -carbolines rothmansine and harmaline) than EC extract. Nicotine

Research
+ Scholarly
Activities

2022 SUMMARY OF DEPARTMENT OF MEDICINE GRANTS AND CONTRACTS

DIVISION	ANNUAL DIRECT COSTS AWARDED	ANNUAL INDIRECT COSTS AWARDED	ANNUAL TOTAL COSTS AWARDED
Addiction Medicine	\$ 7,960,433	\$ 543,810	\$ 8,504,243
Clinical Pharmacology	1,187,806	203,838	1,391,644
General Internal Medicine	1,809,617	169,480	1,979,097
Geriatric Medicine	14,359,586	581,130	14,940,716
Infectious Diseases	4,243,689	351,548	4,595,237
Nephrology	2,648,841	646,819	3,295,660
Palliative Medicine	16,050	1,605	17,655
Pulmonary, Allergy, and Critical Care	894,636	14,164	908,800
Medicine Leadership	268,611	40,304	308,915
Totals	\$ 33,389,269	\$2,552,698	\$ 35,941,967

2022 SUMMARY OF DEPARTMENT OF MEDICINE GRANTS AND CONTRACTS

FUNDING SOURCES	ANNUAL DIRECT COSTS AWARDED	ANNUAL INDIRECT COSTS AWARDED	ANNUAL TOTAL COSTS AWARDED
Foundation	\$ 481,276	\$ 34,975	\$ 516,251
Government	31,838,095	2,463,884	34,301,979
Industry	48,322	15,260	63,582
Internal	1,021,576	38,579	1,060,155
	\$33,389,269	\$2,522,698	\$ 35,941,967

DEPARTMENT OF MEDICINE FACULTY PUBLICATIONS 2022

The following list of publications includes all articles, editorials, book chapters, and books that were published in 2022. Letters to the editor have not been included.

ADDICTION MEDICINE

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Cheng XS, VanWagner LB, Costa SP, Axelrod DA, Bangalore S, Norman SP, **Herzog CA**, Lentine KL, American Heart Association Council on the Kidney in Cardiovascular Disease and Council on Cardiovascular Radiology and Intervention. Emerging evidence on coronary heart disease screening in kidney and liver transplantation candidates: A scientific statement from the American Heart Association: Endorsed by the American Society of Transplantation. *Circulation*. 2022;146(21):e299-e324.

Choi Y, Jacobs DR, Jr., **Shroff GR**, Kramer H, Chang AR, Duprez DA. Progression of chronic kidney disease risk categories and risk of cardiovascular disease and total mortality: Coronary artery risk development in young adults cohort. *J Am Heart Assoc*. 2022;11(21):e026685.

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Sharma A, Miranda DF, Rodin H, Bart BA, Smith SW, **Shroff GR**. Interobserver variability among experienced electrocardiogram readers to diagnose acute thrombotic coronary occlusion in patients with out of hospital cardiac arrest: Impact of metabolic milieu and angiographic culprit. *Resuscitation*. 2022;172:24-31.

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Hamid FA, Marker CL, Raleigh MD, Khaimraj A, Winston S, **Pentel PR**, Pravetoni M. Pre-clinical safety and toxicology profile of a candidate vaccine to treat oxycodone use disorder. *Vaccine.* 2022;40(23):3244-3252.

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Moitra E, Tao J, Olsen J, Shearer RD, Wood BR, **Busch AM**, LaPlante A, **Baker JV**, Chan PA. Impact of the COVID-19 pandemic on HIV testing rates across four geographically diverse urban centres in the United States: An observational study. *Lancet Reg Health Am*. 2022;7:100159. (Also listed in *Infectious Diseases*)

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Educational Activities

Medical Education Program

2022-23 was a strong year for the Internal Medicine (IM) and Emergency Medicine-Internal Medicine (EM/IM) residencies. Interim Department Chair Dr. Anne Pereira worked with division directors to recruit hospitalists, general internists and many new subspecialists to Hennepin. Providers with expertise in teaching, assessment, mentoring and research are excited to work with residents and advance Hennepin's educational and clinical missions.

Expansion through collaboration is a core residency goal. Hennepin's Master Program Agreement with the University of Minnesota, Veterans Administration, Abbott Northwestern and Regions added Mayo Clinic in 2022. Seniors from Mayo's internal medicine residency traveled to Hennepin for rotations in addiction medicine, infectious diseases, nephrology and hospital medicine; Hennepin residents went to Mayo for research blocks and advanced oncology rotations. Mayo residents raved about their experiences at Hennepin and the unique spectrum of illnesses and social determinants they encountered; Hennepin residents similarly enjoyed the learning opportunities at Mayo.

Our partnership with the Minnesota Department of Health remains fruitful, with another grant awarded in 2022 to train an immigrant physician for primary care practice in Minnesota. With help from the state, eleven doctors have joined the residency since 2016; graduates are now working in primary care in Austin, Mankato, Red Wing and the Twin Cities and serving

as advocates and mentors for current grant residents, residents interested in primary care, and immigrant doctors in Minnesota who hope to match into internal medicine residency in the future.

Since 2020, in cardiology or preventative cardiology,

40% of fellows are from under-represented backgrounds.

Dr. Michelle Carlson became Program Director for our Cardiology Fellowship and will carry on its exceptional educational tradition at a time when interest in the

specialty is at a record high. Cardiologist Dr. Omer Iqbal delivered a longitudinal curriculum to residents in 2022-23, mentored cardiology-interested interns and held office hours for one-on-one teaching, research

discussions, and support of international medical graduates. Diversity and equity in cardiology are a focus, with notable success: 40% of the ten Hennepin graduates who entered cardiology or preventative cardiology fellowships since 2020 came from underrepresented backgrounds. All graduates hope to reduce cardiovascular health disparities through their clinical work and research in the field.

In 2022–23 Associate Program Directors (APDs) Dr. Charlie Reznikoff and Dr. Jessica Oswald created new case-based noon conferences to augment existing didactics. Residents enjoyed the Emergencies in Medicine summer series, Chest/ID, Clinical Cardiology, Grand Rounds and subspecialty presentations with additional interactive cases and Friday Schools taught by Drs. Oswald and Reznikoff on addiction and infectious diseases topics. Chief Residents Dr. Amber Lindsay and Dr. Arianna Lofrano presented curated oncology and gastroenterology board review sessions and precepted residents who prepared cases for Morning Report. APD Dr. Michael Lawson organized intern Friday Schools, delivering talks on cross cover,

handoffs, RRTs, ACLS, ACP poster creation, effective feedback and more. APD Dr. Brian Yablon planned senior Friday Schools, included a terrific mix of clinical and interdisciplinary content, and continues to teach residents about critical appraisal and serve as APD for Resident Journal Club.

Chief Resident Dr. Shrikar Rajagopal organized the inaugural EM vs. IM Golden Stethoscope Soccer Match in April to build community between residents from two incredible Departments. The camaraderie was wonderful.

The 2023 IM and EM-IM graduates were celebrated at a banquet in June. Nine went on to fellowships

+50%
of graduates
published
manuscripts
or abstracts

in Critical Care, Pulmonary-Critical Care, Rheumatology, Nephrology, Addiction, and the CDC’s Epidemic Intelligence Service. Those entering practice



Rosemary Quirk, MD, DTMH

Director, Internal Medicine Residency Program



Anne Becker, MD

Director, Faculty Development for Medicine Education



Samuel T. Ives, MD

Director, Undergraduate Medical Education
Associate Program Director, Internal Medicine Residency



Michael J. Lawson, MD

Associate Program Director, Internal Medicine Residency

took hospitalist jobs at the University of Minnesota, Hennepin, Regions, Methodist, Fairview Southdale and Fairview Burnsville. Graduate Dr. Nate Nelson will be a hospitalist at a critical access hospital in his hometown of Alexandria, Minnesota. Over 50% of graduates published manuscripts or abstracts in training. Drs. Roberto Fu and Elizabeth Wendt were co-honored with the Nicholas Briese Spirit of the Residency Award in recognition of their profound impact on peers and patients.

In the face of many challenges in health care and the wider world, Hennepin's IM and EM-IM residents and Department of Medicine faculty are honored to serve others through hard work, active learning, team-based care and teaching, and prioritization of the most vulnerable people in society.

Rosemary Quirk, MD, DTMH, FACP
Program Director, Internal Medicine
Hennepin Healthcare



From left:
Arianna Lofrano, MD,
Amber Lindsay, MD, and
Shrikar Rajagopal, MD

Chief Residents



Jessica L. Oswald, DO

Associate Program
Director, Internal
Medicine Residency



Charles P. Reznikoff, MD

Associate Program
Director, Internal
Medicine Residency



Brian Yablon, MD

Associate Program
Director, Internal
Medicine Residency

HOUSE OFFICERS 2022–2023

PGY I

Joseph Akambase	Ghana University School of Medicine
Nahdiya (Safia) Ali	Alfaisal University
Talal Almasri	Alfaisal University
Zachary Anderson	Kansas City University College of Osteopathic Medicine
Maroun Chedid	Lebanese University
Christine Grech	University of Massachusetts
Brooke Hendricks	University of Minnesota Medical School
Mackenzie Herzig (EM/IM)	Lincoln Memorial School of Osteopathic Medicine
Mason Hinke	Kansas City University College of Osteopathic Medicine
Simranjit Kahlon	Sri Guru Das Institute
Ayeir Karnwie-Tuah	Des Moines University College of Osteopathic Medicine
Nooreen Khan	Marian University School of Osteopathic Medicine
Ameya Kumar	Gandhi Medical College
Sanjoyita Mallick	Pacific Northwest College of Osteopathic Medicine
Abdilahi Mohamoud	Dalian University
Alex Rivero	Universidad Catolica
Natalie Ross	University of Iowa Medical School
Alek Rudstrom	University of Minnesota Medical School
Deepon Sarkar	University of Iowa Medical School
Jessica Seledotis	Michigan State University School of Osteopathic Medicine
Rida Shaikh	Des Moines University College of Osteopathic Medicine
Saleem Syed	Tbilisi University
Emily Syverud (EM/IM)	University of Minnesota Medical School

HOUSE OFFICERS 2022–2023

PGY II

Momen Alsayed	University of Medical Sciences & Technology (UMST)
Karly Boll	University of Minnesota Medical School
William Dennehy	Des Moines University College of Osteopathic Medicine
Spencer Goble	University of Minnesota Medical School
Kelly Hallowell	University of Minnesota Medical School
Abubakar Hassan	Sheikh University of Science and Technology College of Medical Sciences
Abel Hooker	Escuela Autónoma de Ciencias Médicas de Centro América
Garad Ibrahim	Wuhan University School of Medicine
(Jack) John Inglis	University of Minnesota Medical School
Ahmad Khalaf	University of Jordan Faculty of Medicine
Mohammed Khalid	University of Medical Sciences & Technology (UMST)
Stephanie Kuhlman	Indiana University School of Medicine
Rebecca Martinez	Kansas City University College of Osteopathic Medicine
Alesandra Mendoza	University of Minnesota Medical School
Philippe Nyembo	University of Rwanda College of Medicine
Marissa Paulson	University of Wisconsin School of Medicine
Sumar Quint	Des Moines University College of Osteopathic Medicine
Alison Raffman (EM/IM)	University of Maryland School of Medicine
Nikolaus Rasmus	University of Minnesota Medical School
Lizbeth Rondon	Escuela Autónoma de Ciencias Médicas de Centro América
Kristin Rouse (EM/IM)	University of Minnesota Medical School
Abdulsabur Sanni	University of Debrecen Medical School
Lucas Zellmer	University of Minnesota Medical School

HOUSE OFFICERS 2022–2023

PGY III

Mohamed Artan	University of Minnesota Medical School
Katherine Blomquist	Des Moines University College of Osteopathic Medicine
Megan Conlon	University of Minnesota Medical School
Peter Dock	A.T. Still Kirksville School of Osteopathic Medicine
Roberto Fu	Escuela Autónoma de Ciencias Médicas de Centro América
Jeffrey Hall	University of New England College of Osteopathic Medicine
Abubakar Hassan	Sheikh University of Science and Technology College of Medical Sciences
Greta Kreider Carlson (EM/IM)	University of Colorado School of Medicine
Amelia Krug (EM/IM)	University of Minnesota Medical School
Marcela Kuijpers	Escuela Autónoma de Ciencias Médicas de Centro América
Michael Larson	A.T. Still Kirksville School of Osteopathic Medicine
Kirsten Lasley	Kansas City University College of Osteopathic Medicine
Evan Lister	University of Minnesota Medical School
Brooke McDonald	Kansas City University College of Osteopathic Medicine
Nathan Nelson	University of Minnesota Medical School
Nicole Pagel	Des Moines University College of Osteopathic Medicine
Beau Rigstad	Medical College of Wisconsin
Rachel Salz	University of Minnesota Medical School
Benjamin Swart	University of Iowa Medical School
Gregory Thompson	University of Minnesota Medical School
Colton Thoreson	University of Minnesota Medical School
Nhat Vo	University of Minnesota Medical School
Elizabeth Wendt	Medical College of Wisconsin

HOUSE OFFICERS 2022–2023

PGY IV

Zachary Davidson (EM/IM)	Icahn School of Medicine at Mount Sinai
Amber Lindsay	Lewis Katz University School of Medicine
Arianna Lofrano	Des Moines University College of Osteopathic Medicine
Michelle Nguyen (EM/IM)	University of California, Davis
Shrikar Rajagopal	University of Minnesota Medical School

PGY V

Daniel Bernstein (EM/IM)	University of Minnesota Medical School
Elisabeth McHale (EM/IM)	University of Minnesota Medical School

RESIDENT AWARDS

Nicholas Briese Spirit of the Residency Award

Roberto Fu	Escuela Autónoma de Ciencias Médicas de Centro América
Elizabeth Wendt	Medical College of Wisconsin

Craig Garrett Excellence in the Practice of Primary Care Medicine Awards

Zachary Davidson (EM/IM)	Icahn School of Medicine at Mount Sinai
Rachel Salz	University of Minnesota Medical School

Excellence in the Practice of Primary Care Medicine Awards

Karly Boll	University of Minnesota Medical School
Kelly Hallowell	University of Minnesota Medical School
Brooke Hendricks	University of Minnesota Medical School

Morris Davidman Teaching Award

Beau Rigstad	Medical College of Wisconsin
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Resident Research Award

Brooke McDonald	Kansas City University College of Osteopathic Medicine
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DEPARTING HOUSE OFFICERS 2022–2023

NAME	CURRENT POSITION
Mohamed Artan	Hospitalist, Regions & Methodist, HealthPartners
Daniel Bernstein (EM/IM)	Hospitalist, United Healthcare
Katherine Blomquist	Hospitalist, Fairview Ridges
Peter Dock	Nephrology Fellowship, University of Colorado
Roberto Fu	Chief Resident, Hennepin Healthcare
Jeffrey Hall	Critical Care Fellowship, Hennepin Healthcare
Marcela Kuijpers	Rheumatology Fellowship, Case Western University
Michael Larson	Hospitalist, Fairview Southdale Hospital
Kirsten Lasley	Hospitalist, Fairview Ridges Hospital
Evan Lister	Critical Care Fellowship, Hennepin Healthcare
Brooke McDonald	Chief Resident, Hennepin Healthcare
Elizabeth McHale (EM/IM)	EM/IMCC Fellowship, Hennepin Healthcare
Nathan Nelson	Primary Care, Alomere Health, Alexandria
Nicole Pagel	Hospitalist, Methodist Hospital, Park Nicollet
Beau Rigstad	Hospitalist, Fairview Ridges Hospital
Megan (Conlon) Rushmeyer	Pulmonary/Critical Care Fellowship, Maine Medical Center
Rachel Salz	Chief Resident, Hennepin Healthcare
Benjamin Swart	Addiction Medicine Fellowship, University of Minnesota
Gregory Thompson	Primary Care, Fairview Lakes Medical Center
Colton Thoreson	Hospitalist, Regions & Methodist, HealthPartners
Nhat Vo	Nephrology Fellowship, University of California, Irvine
Elizabeth Wendt	CDC Epidemic Intelligence Service Fellowship

DEPARTING HOUSE OFFICERS 2022–2023



Class of 2023 from left to right: Elizabeth Wendt, Anne Pereira (Interim Chair of Medicine), Marcela Kuijpers, Beau Rigstad, Colton Thoreson, Kirsten Lasley, Jeff Hall, Nhat Vo, Ben Swart, Nicole Pagel, Rachel Salz, Nathan Nelson, Katherine Blomquist, Megan Rushmeyer, Greg Thompson, Brooke McDonald, Daniel Bernstein (EM/IM), Michael Larson, Roberto Fu, Rosemary Quirk (Program Director). Missing from photo are Mohamoud Artan, Peter Dock and Evan Lister.

FELLOWS 2022–2023

SPECIALTY	NAME	MEDICAL SCHOOL	RESIDENCY
Advanced Heart Failure and Transplant Cardiology	Ruben Crespo-Diaz (F1)	University of Puerto Rico School of Medicine San Juan, Puerto Rico	University of Minnesota Minneapolis, Minnesota
Cardiovascular Medicine	Kevin Buda (F1)	New England College of Osteopathic Biddeford, Maine	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota
	Krishna Prabhu (F1)	Harvard Medical School Boston, Massachusetts	University of Washington School of Medicine Seattle, Washington
	Kirsten Shaw (F1)	University of Minnesota Minneapolis, Minnesota	Abbott Northwestern Hospital Minneapolis, Minnesota
	Tareq Al Saadi (F2)	University of Damascus Damascus, Syria	University of Illinois at Chicago/ Advocate Christ Medical Center, Oak Lawn, Illinois
	Joseph Steffens (F2)	University of Washington School of Medicine Seattle, Washington	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota
	Maen Assali (F3)	Jordan University of Science Ar-Ramtha, Jordan	Kent Hospital/Brown University Warwick, Rhode Island
	Joseph Jensen (F3)	University of Minnesota Minneapolis, Minnesota	Abbott Northwestern Hospital Minneapolis, Minnesota
Critical Care Medicine	Peter Bache-Wiig (F1)	University of Minnesota Minneapolis, Minnesota	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota
	Elisabeth McHale (F1)	University of Minnesota Minneapolis, Minnesota	Hennepin Healthcare Emergency Medicine/ Internal Medicine Minneapolis, Minnesota
	Danika Evans (F2)	Rocky Vista University College of Osteopathic Medicine Parker, Colorado	Hennepin Healthcare Emergency Medicine Minneapolis, Minnesota
	Sydney Hansen (F2)	Medical College of Wisconsin Milwaukee, Wisconsin	Hennepin Healthcare Emergency Medicine Minneapolis, Minnesota
	John Leo Maurer (F2)	University of Missouri Columbia, Missouri	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota

Continued next page

FELLOWS 2022–2023 (CONT.)

SPECIALTY	NAME	MEDICAL SCHOOL	RESIDENCY
Geriatric Medicine	Lea Buda (F1)	New England College of Osteopathic Biddeford, Maine	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota
Interventional Cardiology	Kahlid Chngal (F1)	Government Medical College Srinagar, India	University of Toledo Toledo, Ohio
	Mohsin Salih (F1)	Aljabal Algharbi University Gharyan, Libya	Southern Illinois University Springfield, Illinois
Nephrology	Eimad Ahmmad (F1)	University of Khartoum Khartoum, Sudan	Howard University Internal Medicine Washington, D.C.
	Juliet Gatiba (F2)	University of Missouri Kansas City, Missouri	Loma Linda University Internal Medicine Loma Linda, California
	Samuel Katz (F2)	Des Moines University College of Osteopathic Medicine Des Moines, Iowa	Hennepin Healthcare Internal Medicine Minneapolis, Minnesota
Sleep Medicine	Nataliia Baker (F1)	Kharkov National Medical University	St Mary-Corwin Medical Center Family Medicine Pueblo, Colorado
	Rekha Kallamadi (F1)	Kurnool Medical College Kurnool, India	University of North Dakota Internal Medicine Fargo, North Dakota
	Kelash Kumar (F1)	Liaquat University of Medical & Health Sciences Jamshoro Hyderabad, Pakistan	Trinity Health Oakland/ Wayne State University Internal Medicine Detroit, Michigan

2022–2023 PRESENTATIONS

2022 WPHA-WALHDAB ANNUAL PUBLIC HEALTH CONFERENCE

May 24-26, 2022, Wisconsin Dells, Wisconsin

Lucas Zellmer

Management of Type 2 Diabetes in a Free Clinic Population: Initial Findings of a Quality Improvement Intervention

AASLD THE LIVER MEETING

November 4-7, 2022, Washington, DC

Joseph Akambase

Association of Clinical Characteristics and Biopsy Findings in a Large Cohort of NAFLD/NASH from Latin America

AMERICAN COLLEGE OF CARDIOLOGY (ACC) 73RD ANNUAL SCIENTIFIC SESSION

March 4-6, 2023, New Orleans, Louisiana

Maroun Chedid

Effectiveness of Temporary Pacemakers with Active Fixation Lead Compared to Conventional Balloon-Tipped Temporary Pacemakers

Lyme Carditis Presenting as Recurrent Syncope in a Previously Healthy Young Adult

Sanjoyita Mallick, Lucas Zellmer

CHW-Led Hypertension and Diabetes Interventions in a Free Clinic Population: Pre-study Development and Preliminary Findings

AMERICAN COLLEGE OF PHYSICIANS (ACP) 2022 MINNESOTA CHAPTER MEETING

October 28, 2022, Minneapolis, Minnesota

Nahdiya (Safia) Ali

Spontaneous Splenic Rupture as the First Manifestation of Mantle Cell Lymphoma

Talal Almasri

Aortic Mural Thrombus Embolization as a Manifestation of Essential Thrombocythemia

Momen Alsayed

I Broke my Heart in Connecticut; A Case of Lyme Carditis with High Degree AV Block

Zachary Anderson

An Uncommon Connection: Retroperitoneal Pancreatic Pseudocyst with Fistulization to the Portal and Superior Mesenteric Veins

Maroun Chedid

Retinal Artery Cholesterol Plaque of Unclear Origin Causing Recurrent Amaurosis Fugax

Megan Conlon

Miliary Opacities: It's not always TB

Christine Grech

Blast Crisis: Acutely Ill Presentation of B-Cell Acute Lymphoblastic Leukemia in a 46-Year-Old Man

Spencer Goble, Philippe Nyembo

Statin Prescribing Patterns Based on FIB-4 as a Non-invasive Assessment of Liver Function

Mason Hinke

Anaplasmosis Presenting as Atrial Fibrillation with Rapid Ventricular Response

Simranjit Kahlon, Abdilahi Mohamoud

Recurrent Tricuspid Valve Replacement Due to Continuous IVDU-Related Endocarditis

Mohammed Khalid

Pain in Z-Pak: A Case of Diffuse Pan-Bronchiolitis (DPB) in a Kidney Transplant Patient

Ameya Kumar

Disseminated Gonococcal Infection as a Cause of Polyarthritits in a 61-Year-Old Male

Sanjoyita Mallick

HFrEF Requiring Intravenous Inotropic Therapy via PICC in the Setting of MRSA Bacteremia

Abdilahi Mohamoud, Simranjit Kahlon

Syncope: A Sole Presenting Symptom of NSTEMI in an Elderly Patient

Lizbeth Rondon Rueda, Roberto Fu

Immunotherapies Adverse Effects: A Multidisciplinary Dilemma

**AMERICAN COLLEGE OF PHYSICIANS (ACP)
2022 MINNESOTA CHAPTER MEETING (CONT.)**

October 28, 2022, Minneapolis, Minnesota

Rachel Salz

The Eyes Have It, At Any Stage: Considering Ocular Syphilis

Abdulsabur Sanni

A Waxing and Waning Diagnostic Dilemma; An Atypical Presentation of Post-Transplant Lymphoproliferative Disorder

Deepon Sarkar

Atropine-Induced Complete Heart Block and Ventricular Asystole: A Paradoxical Response During Dobutamine Stress Testing

Ben Swart

Implementation of an Empiric Ivermectin Treatment Protocol for Patients Receiving High-Dose Corticosteroids for Severe COVID-19

**AMERICAN COLLEGE OF GASTROENTEROLOGY
2022 (ACG)**

October 24, 2022

Spencer Goble

Spontaneous Pancreatic Pseudocyst-Superior Mesenteric Vein Fistula: A Case Report
Statin Utilization as a Function of Calculated ASCVD Risk in HCV-Infected Patients

**AMERICAN HEART ASSOCIATION SCIENTIFIC
SESSIONS 2022**

November 5-7, 2022, Chicago, Illinois

Philippe Nyembo

Impact of Adverse Social and Behavioral Determinants of Health on In-Hospital Mortality Following an Acute Atherosclerotic Vascular Event at a Safety Net Community Hospital
Understanding Aortic Disease: Insights from around the Globe

**AMERICAN SOCIETY OF TROPICAL MEDICINE
& HYGIENE (ASTM)**

October 30-November 3, 2022, Seattle, Washington

Joseph Akambase

Association of Anthelmintic Treatment with Malaria Prevalence: A Secondary Data Analysis of the Sussundenga Malaria Study

**DEPARTMENT OF MEDICINE RESEARCH
CONFERENCE, HENNEPIN HEALTHCARE**

April 12, 2023, Minneapolis, Minnesota

Spencer Goble

Statin Utilization Among Individuals Infected with Hepatitis C Virus

Lucas Zellmer

Social Needs in FH and Primary Care Patients
China – Proteomics and Atrial Fibrillation
Free Clinic QI

DIGESTIVE DISEASE WEEK (DDW)

May 6-9, 2023, Chicago, Illinois

Spencer Goble

Recurrent Foreign Body Ingestion in Individuals with Psychiatric Diagnoses are Associated with High Rates of Healthcare Utilization

Comparison of Outcomes between Urgent and Delayed Endoscopy in a Multi-Center Cohort of Patients with Repeated Intentional Foreign Body Ingestion

**NORTH AMERICAN CONGRESS OF CLINICAL
TOXICOLOGY (NACCT)**

September 18, 2022, San Francisco, California

Greta Kreider Carlson

Improvement in Mental Status after High Dose Naloxone in the Setting of Tizanidine Poisoning: A Case Report

THE ACP INTERNAL MEDICINE MEETING

April 29, 2023, San Diego, California

Ben Swart

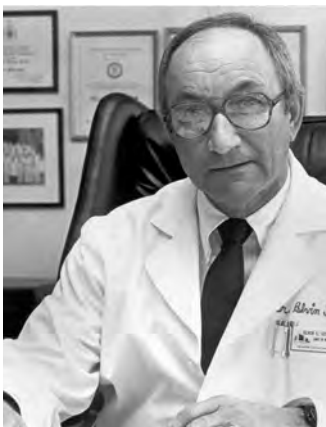
Implementation of an Empiric Ivermectin Treatment Protocol for Patients Receiving High-Dose Corticosteroids for Severe COVID-19



Alvin L. Schultz
Education +
Research Fund



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 2022

In academic year 2022-2023, the Alvin L. Schultz Education and Research Fund supported two Internal Medicine residents, Dr. Philippe Nyembo and Dr. Joseph Akambase, to present posters and/or give oral presentations at the American Heart Association and the American College of Cardiology meetings. In addition, the Alvin L. Schultz Fund supported Dr. Rachel Salz and Dr. Roberto Fu for attendance at the Chief Camp of the Associate Program Directors of Internal Medicine.

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.

2022 FUND DONORS

Mariam Anwar, M.D.	Martha McCusker, M.D.
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THE FUND SUPPORTED THE FOLLOWING DEPARTMENT OF MEDICINE VISITING PROFESSOR:

**30th Annual Alvin L. Schultz, M.D.
Visiting Professor in Medicine**

THURSDAY, MARCH 24, 2022

Valerie Romero-Leggott, M.D.

Vice President and Executive Diversity
& Inclusion Officer

University of New Mexico HSC Endowed
Professorship for Equity in Health

Professor, Department of Family
& Community Medicine

Executive Director, University of New Mexico
Combined BA/MD Degree Program

University of New Mexico Health Sciences

Presentation:

"Building a Diverse Health Care Workforce"

Distinguished Resident Alumnus of the Year

No program speaker in 2022.

ALVIN L. SCHULTZ EDUCATION AND RESEARCH FUND 2022

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.
2014 Victor M. Montori, M.D., M.Sc.
2015 David L. Battinelli, M.D.
2018 Sanjeev Arora, M.D., F.A.C.G., M.A.C.P.
2021 Donald Warne, M.D., M.P.H.
2022 Valerie Romero-Leggott, M.D.

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 Quirós, 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 Hamp, M.D.
2021 Kevin Larsen, M.D., F.A.C.P.

ACKNOWLEDGEMENTS

Editors

Belinda J. Rogers
Renee L.B. Marrero

Design

Lisa Haines, juju

Section Introductions

Anne G. Pereira, M.D., M.P.H.
Rosemary Quick, M.D., D.T.M.H.
Michelle L. Herbers
Jill E. Kennedy
Renee L.B. Marrero
Belinda J. Rogers

