



CINCINNATI

IMPRINT

Internal Medicine Progress in Research, INnovation,
and Translation

Department of Internal Medicine Bimonthly Research Newsletter



Chair's Corner

As the Chair of the Department of Internal Medicine, it gives me pleasure to launch this bi-monthly Research Newsletter that captures many exciting efforts happening in our Department. In my own clinic yesterday, I saw the amazing long-term consequences of research to a phase 1 study we did more than a decade ago in CLL with a drug called acalabrutinib. A patient was following up on his 10th year anniversary of starting this. This particular individual when starting acalabrutinib, had a 2-year survival expectation and in this visit was in perfect health without detectable leukemia and planning to attend and teach a course on happiness to senior CEO executives. On a microlevel, this is how our research can influence the world around us. As a Department, we have many new potentially transformational findings coming forth that can impact our region, nation, and the world. The application of artificial intelligence in arenas of laboratory, clinical, and outcome research will amplify this further. Research changes lives and we hope all our trainees and faculty will find a place to engage in this in some manner.

VC Views

We are pleased to launch Internal Medicine Progress in Research, INnovation, and Translation (IMPRINT), a bimonthly publication of the Department of Internal Medicine's research leadership team. The goals behind this modest emailing is to highlight research achievements, activities and humans involved. We plan to provide stories about research staff and faculty, updates on recent grants and clinical trials, and highlight presentations and publications. We hope the exchange of this information will help our community grow and thrive, fostering innovation and collaboration. Research is an important engine for our department. It is a critical mission to serve our community, creating new knowledge through scientific discovery. So, the VCs are very excited to welcome you to the first edition and hope you will contribute in the future! If you have a new grant, clinical trial, presentation, publication or other newsworthy item related to research, please forward to one of the VCs or imresearch@ucmail.uc.edu. We want and need to hear from you!

Carl J. Fichtenbaum, MD
Gregory P. Rouan Professor of Internal Medicine
Vice Chair for Clinical Research

Christy Holland, PhD
Hanna Endowed Chair of Cardiology
Vice Chair for Basic Research

Kris Hudock, MD, MSTR
Associate Professor of Internal Medicine
Vice Chair for Translational Research

Spotlight

We are delighted to announce the recent appointments of Doctor Christy Holland and Doctor Kristin Hudock as Vice Chair of Basic and Translational Research, respectively, in the Department of Internal Medicine

Christy K. Holland, PhD, attended Wellesley College to earn her B.A. in Physics and Music. She completed her M.S., M.Phil., and Ph.D. degrees at Yale University in Engineering and Applied Science. She holds the Hanna Endowed Chair as Interim Director of the Center for Cardiovascular Research at UC, with the mission to advance the understanding, prevention, and treatment of cardiovascular disease through innovative research, interdisciplinary collaboration, and transformative education. She directs the Image-guided Ultrasound Therapeutics Laboratories in the UC Cardiovascular Center, which focuses on applications of biomedical ultrasound including ultrasound-mediated drug and bioactive gas delivery, development of echogenic liposomes, and ultrasound-image guided thrombus ablation using high-amplitude pulsed ultrasound. When not working, Dr. Holland actively takes part in skiing, pickleball and gardening. In addition, she sings and plays the piano in the Knox Choir, which is recognized for its outstanding contributions to classical sacred music and the quality of life in Cincinnati.



Dr. Kristin Hudock, M.D., M.S.T.R. earned her B.A. in Biochemistry and French at Mount Holyoke College. She then worked as a pre-IRTA fellow at the NIH before completing her M.D. and Internal Medicine residency at the Georgetown University School of Medicine. She trained as a fellow in Pulmonary and Critical Care Medicine at the University of Pennsylvania, where she also obtained a Master of Science in Translational Research. She served on Penn's faculty for 5 years, started her lab in studying regulation and resolution of lung inflammation and attended in the MICU, including taking care of the first CAR-T cell patients. Over the past 9 years at UC, Dr. Hudock has established a dynamic research program investigating neutrophil-mediated lung injury in Cystic Fibrosis, pneumonia & Alpha-1 antitrypsin deficiency pathogenesis. At UC she serves on the Pathobiology and Molecular Medicine graduate governing and pulmonary fellowship research committees. Her translational impact is further evidenced by her leadership roles in high-impact multi-national NIH-funded clinical trials, including the ACTIV-4A and NECTAR platforms.



Since 2018, she has also led over 20 national clinical trials testing interventions in sepsis, acute respiratory failure and pneumonia and is the co-Director of Critical Care Clinical Medicine Trials at UC. Dr. Hudock enjoys hiking with her family and golden retriever in various Cincinnati parks.

Academic Research Service (ARS)

Academic Research Services is here to help you with your funding submissions. These funding submissions can be NIH (and its various branches), CDMRP (Congressionally Directed Medical Research Programs which include DOD), various foundation funding awards (not limited to but including AACR, ASH etc). Key things to do would be the following:

- Send us the funding announcement ASAP – we will review and make a checklist.
- If a pre-application or LOI are required, we can critique prior to submission.
- We can assist with preliminary budget preparation prior to working with your GA.
- We can review documents as created (e.g., biosketch, other support, etc.).
- We can assist with reviewing your equipment and facilities (including use of core facilities) documents.
- Willing to critique and review specific aims, etc.

KEY THING IS TO START EARLY WHICH ALLOWS FOR THE ABOVE HELP.

Please send funding announcement to Teresa Larkin at Teresa.Larkin@uc.edu as soon as you know you plan to apply.

In Upcoming Issues...

Research grant award announcements

Presentations and publications

Publicize your work and send your news or announcement to IMRESEARCH@ucmail.uc.edu

Announcements/ Awards/Events

The 14th Annual Department of Internal Medicine Research Symposium took place on April 3rd, 2025. Every year, the Department of Internal Medicine hosts and arranges the Annual Research Symposium to highlight the spectacular work of trainees and fellows in the Department. This year, there were a total of 29 posters and 5 oral presentations. Dr. Brian Hambley, candidate for Ohio Secretary of State was the keynote speaker for the Symposium.



NIH updates

THE NIH HAS A NEW RULE MANDATING FOR PUBLIC ACCESS EFFECTIVE JULY 1, 2025. NIH FUNDED PROJECTS THAT ARE PUBLISHED MUST BE AVAILABLE AND NOT EMBARGOED BY A JOURNAL. THIS MAY RESULT IN ADDED COSTS. FOR FULL DETAILS, SEE THIS NIH PUBLICATION:
[HTTPS://GRANTS.NIH.GOV/GRANTS/GUIDE/NOTICE-FILES/NOT-OD-25-047.HTML](https://grants.nih.gov/grants/guide/NOTICE-FILES/NOT-OD-25-047.HTML)

