



2021

ANNUAL REPORT



University of
CINCINNATI

COLLEGE OF MEDICINE



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MESSAGE FROM THE DEAN

The 2020-2021 College of Medicine academic year was unprecedented in many respects. The SARS CoV2 pandemic changed the way our faculty taught, the way our students learned and how research was conducted. And it altered the delivery of care to our patients. Through it all, our educators, learners, investigators and clinicians persevered and excelled. They overcame every obstacle, finding new ways to accomplish every task at hand. They were unyielding in their passion to educate, discover and serve.

Yet, in many respects, the past year was comparable to many others. Our students continued receiving impressive awards and scholarships. Our faculty grew our research portfolio and added numerous exemplary honors. New programs began and new leaders stepped up. Our staff ably supported all these efforts.

I am constantly in awe of the achievements of the entire UC College of Medicine community as they dedicate themselves to improving the lives of people in our community and around the world and making the College of Medicine indispensable.

Andrew T. Filak Jr., MD

Senior Vice President for Health Affairs and Christian R. Holmes Professor and Dean, University of Cincinnati College of Medicine



our faculty

2,480 total

who we are

346 tenure/tenure track

1,408 clinical track

171 research track

46 field service track

32 educator track

477 volunteer/adjunct/visiting



who we are

our staff

1,549

residents & fellows

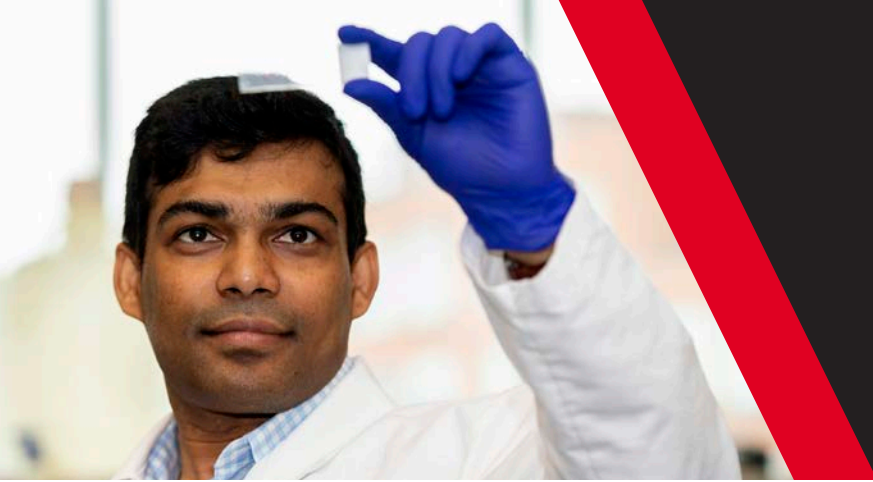
689 total

547 residents

142 fellows

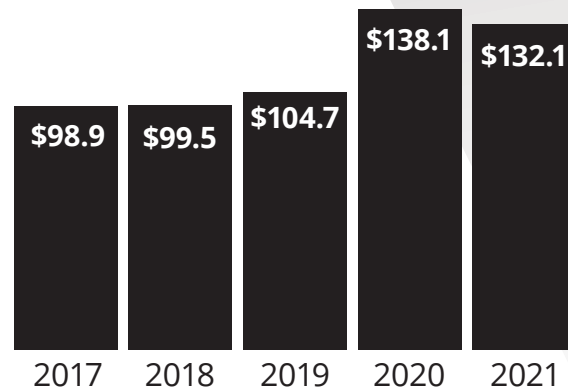
in **101** training programs



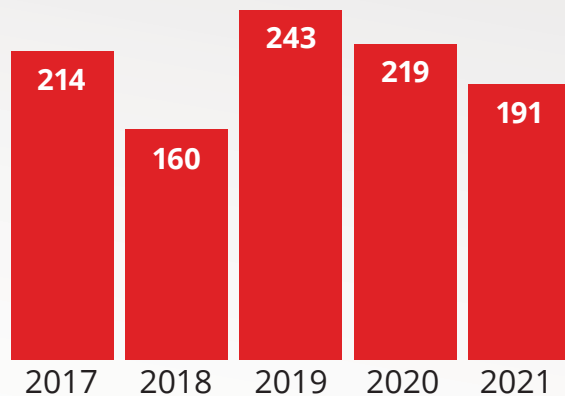
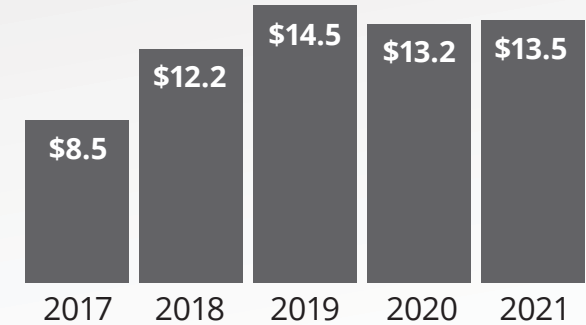


research

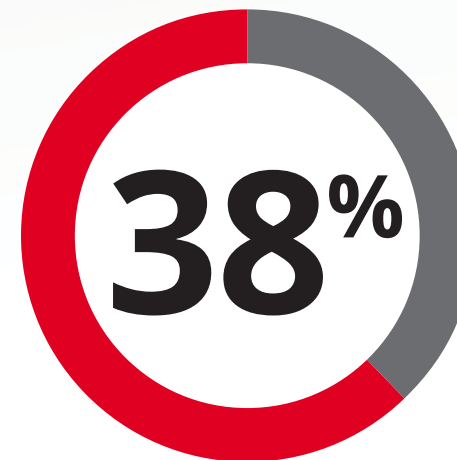
grant holdings



clinical research funding



new grant awards



grant applications funded

research grants



Caroline Freiermuth, MD, associate professor in the Department of Emergency Medicine, received a \$1.63 million grant from the Ohio attorney general's office to research the pharmacogenomics of opioid addiction. The study will attempt to identify any genetic markers associated with opioid use disorder (OUD) and to obtain a cross-sectional snapshot of how many patients in the emergency department actually have OUD, as this is likely under-recognized and underdiagnosed.

Davendra Sohal, MD, associate professor, director of experimental therapeutics and clinic medical director, Department of Internal Medicine, Division of Hematology Oncology, received a \$1.9 million Food and Drug Administration orphan drug grant to study a therapy that targets a small molecule in cancer known as AKT. These molecules have been shown to play a role in helping cancer cells survive and form tumors.



next lives here



education

number of students

1,743 total



graduate programs

15 doctoral
11 master's

baccalaureate programs

medical sciences
public health

new programs

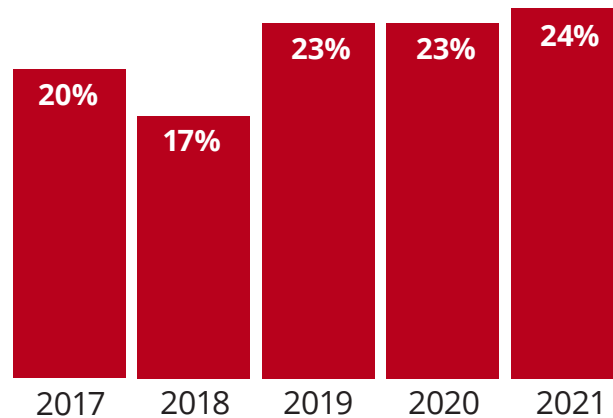
MD/MPH

The College of Medicine launched baccalaureate- and associate-degree programs in public health during the 2020-2021 academic year. The new degrees join the Master's of Public Health Program, which began in 2008 in the Department of Environmental and Public Health Sciences and is certified by the Council on Education for Public Health. While based in the College of Medicine, the degree offerings will be an interdisciplinary effort between nine University of Cincinnati colleges. The programs will prepare aspiring graduates for careers as public health administrators, practitioners, analysts, epidemiologists, and a multitude of other public health-related careers.

Public Health baccalaureate

The College of Medicine also received approval to begin a five-year joint Doctor of Medicine and Master of Public Health (MD/MPH) program beginning in January 2022. The MD/MPH program will be led by **Whitney Bryant, MD, MPH**, associate professor in the Department of Emergency Medicine. Students will take medical courses during their first two years in the new program while also completing a two-semester longitudinal course, *"History and Ethics of Public Health."* Following the students' third year of medical school, or clinical clerkship year, they will be enrolled as graduate students in the MPH program for summer, fall and spring terms. During this year they will take 30 credits in the public health curriculum, selecting one of seven concentrations offered by the MPH program. They then will complete their final year of medical classes.

Growth in underrepresented medical students (incoming classes)



U.S. News diversity ranking

U.S. News & World Report added several new rankings this year, including a Diversity Index, in which the college ranked No. 17. The Diversity Index is a way to measure how successful allopathic and osteopathic medical schools are at enrolling underrepresented minority students. It takes into account total underrepresented minority enrollment and the ratio of that enrollment compared with the state underrepresented minority percentage.

Dr. Alvin Crawford mentoring Black male medical students

Alvin Crawford, MD, a professor emeritus of orthopaedic surgery, is convinced that mentorship will improve the numbers of Black men becoming successful physicians. "I am focused on getting Black men through medical school," says Crawford, who was the first African-American to receive a medical degree at the University of Tennessee. "I am not talking about simply entering medical school, but completing a medical degree and becoming practicing physicians." Crawford launched Black Men in Medicine Cincinnati to mentor Black males in medical school. The program pairs incoming medical students with older medical students and those who are closer to completing their medical degree with residents and attending physicians. The thinking is that camaraderie, networking and a defined support system might ease isolation and lead to a boost in numbers of Black male physicians.



Grant received to prepare underrepresented students for doctoral biomedical science programs

The College of Medicine received a \$1.5 million award from the National Institutes of Health to create a Postbaccalaureate Research Education Program (PREP) to help underrepresented minority or disabled college graduates better prepare for entrance into biomedical science doctoral programs. The UC PREP program will accept 23 scholars into the program during the next five years for a yearlong experience in biomedical research training to help them become better candidates when they apply to doctoral programs.



clinical

Clinical care is provided through UC Physicians, the faculty practice of the College of Medicine. In 2009, the University of Cincinnati formed UC Health, an Ohio nonprofit limited liability company (LLC). UC Health includes the University of Cincinnati Medical Center, West Chester Hospital, the Daniel Drake Center for Post-Acute Care and the University of Cincinnati Physicians Company. UC Physicians carries out its direct day-to-day clinical activities through UC Health and leases its clinical providers to UC Health through the University of Cincinnati Physicians Company.

**total annual
patient visits**
(FY2021)

2,444,851

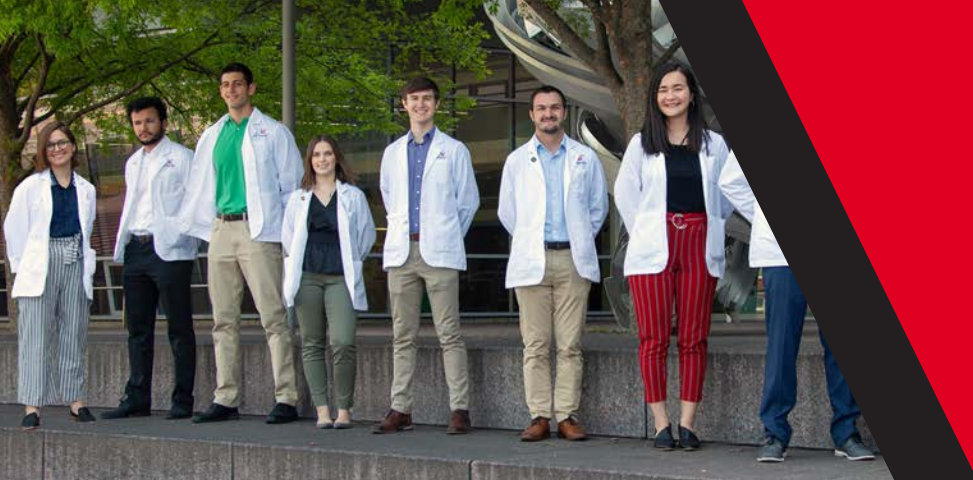
1,051,101

**total annual
outpatient visits**
(FY2021)

number of clinicians/advanced practice providers

948 physicians

475 advanced practice providers



philanthropy and community support

Webster-Gustin Scholarship

A pledge of nearly \$7 million to the College of Medicine is one of the largest donations supporting student scholarships in the college's history. The \$6.9 million anonymous gift will create the Webster-Gustin Medical Scholarship Fund and benefit 10 medical students in each incoming class for the next four years, beginning with the Class of 2024. Ultimately, 40 students will receive full tuition scholarships for each of their four years of medical school, provided they remain in good academic standing. Scholarship recipients will be selected from students who completed their high school or undergraduate education at Ohio institutions and preference will be given to students interested in pursuing a primary care specialty. The Webster-Gustin Medical Scholarships honor two College of Medicine alumni of the Class of 1970: **Warren Webster, MD**, and **Byron Gustin, MD**, who both also completed their residency training at the College of Medicine and UC Medical Center. Webster, an internist, and Gustin, a cardiologist, both have practiced in Cincinnati throughout their careers.

Kranias Symposium

A gift from **Litsa Kranias, PhD**, Hanna Professor and Distinguished Research University Professor in the Department of Pharmacology and Systems Physiology, will support an annual Kranias Symposium on Early Career Mentorship. The symposium's aim is to foster the mentoring of early career scientists and to promote career development in collaborative scientific discovery, teaching and service as they establish their careers. It will be geared to graduate students, postdoctoral fellows, research associates and faculty members in the Department of Pharmacology and Systems Physiology.

total endowment

\$585,314,604

**Estimated*



new endowed chairs



Carl Fichtenbaum, MD, was named the inaugural holder of the **Gregory W. Rouan, MD, Endowed Professorship of Education in Internal Medicine**. The professorship was endowed in honor of Rouan, who stepped down after serving for a decade as chair of the Department of Internal Medicine.



A \$1 million anonymous gift helped to create the **Robert G. Luke, MD Endowed Chair in Nephrology in the Department of Internal Medicine, Division of Nephrology and Hypertension**. The chair recognizes the work of Robert Luke, MD, a pioneer in kidney and hypertension research, treatment and medical ethics and chair of the Department of Internal Medicine from 1988 until 2004. **Charuhas Thakar, MD**, professor of medicine and director of the division, will be the first to hold the chair.



Gifts totaling \$1 million created a new **LAM Foundation Professorship for LAM Research**. Thanks to the generous support of The LAM Foundation, the Crissey family and the Hagins Family Matching Gift Program, this endowed professorship will ensure permanent support for a clinical scientist focused on the rare progressive lung disease called lymphangioliomyomatosis, or LAM. **Nishant Gupta, MD**, associate professor of internal medicine, is the first holder of this professorship.

88

chairs and
professorships



new leadership



Michael Archdeacon, MD

Chief executive officer of UC Physicians and senior associate dean for clinical affairs at the College of Medicine



Tim Le Cras, PhD

Associate dean for graduate education



John Byrd, MD

Professor and chair of the Department of Internal Medicine and the Gordon and Helen Hughes Taylor Professor of Medicine



David Steward, MD

The Helen Bernice Broidy Professor and Chair of the Department of Otolaryngology-Head and Neck Surgery



Tina Cheng, MD

Chair of the Department of Pediatrics and B.K. Rachford Memorial Chair in Pediatrics



T. John Winhusen, PhD

Director of the new Center for Addiction Research



UC Cancer Center

William Barrett, MD, the Charles M. Barrett, MD, Endowed Chair in Radiation Oncology and professor and chair of radiation oncology, and **Syed Ahmad, MD**, professor of surgery, chief of surgical oncology and director of the UC Pancreatic Disease Center, were appointed as co-directors of the new UC Cancer Center. Barrett will be responsible for adult oncology clinical patient care activities within UC Health. Ahmad will have responsibility over the research and academic cancer components and also will be charged with leading efforts toward National Cancer Institute (NCI) designation. UC, UC Health and Cincinnati Children's share a unified vision to build a nationally recognized center that is preeminent in cancer care, research, training and community impact. NCI designation is recognition of the collective cancer research excellence of the UC faculty at the three institutions and is desired for the benefit of everyone in Cincinnati, the Tristate region and beyond.



UCCC among best accruing sites for clinical trials

The University of Cincinnati Cancer Center (UCCC) was cited by NRG Oncology as being the fourth highest accruing main member site for cancer clinical trials during 2020. **Trisha Wise-Draper, MD, PhD**, associate professor in the Department of Internal Medicine, Division of Hematology Oncology, is medical director of the UCCC Clinical Trials Office. **Jordan Kharofa, MD**, associate professor in the Department of Radiation Oncology, is the UCCC principal investigator for NRG Oncology. The UCCC Clinical Trials Office coordinated more than 100 actively enrolling interventional clinical trials in 2020, involving more than 160 participants to cooperative group clinical trials, 60 participants to industry-sponsored clinical trials, and 133 participants to investigator-initiated clinical trials.

Patel among this year's '40 Under 40 in Cancer' honorees

Sameer Patel, MD, assistant professor in the Department of Surgery, Division of Surgical Oncology, was named one of the country's "40 Under 40 in Cancer." The initiative identifies and recognizes the contributions being made across the field of cancer by rising stars and emerging leaders under the age of 40.



honors



Kelli Jarrell, MD, a fellow in the Department of Emergency Medicine, was named **2021 Fellow of the Year** by the Emergency Medicine Residents' Association (EMRA). EMRA is a national organization representing more than 16,000 fellows, residents, medical students and alumni members. The award recognizes a member who has demonstrated significant dedication in promoting EMRA goals and objectives at local, state and national levels and has a record of creativity, enthusiasm and accomplishment in addressing issues pertaining to emergency medicine.



John Quinlan, MD, professor and chief of the Neuromuscular Disorders Division, Department of Neurology and Rehabilitation Medicine, was named the recipient of the **2021 Ted M. Burns Humanism in Neurology Award** from the American Brain Foundation. The award celebrates neurologists whose work embodies humanism in patient care, education, advocacy and everyday encounters.

Adam Elzarka, a second-year Medical Sciences student received the prestigious **Boren Scholarship**. The award will allow him to study Arabic at the University of Jordan during the 2022 Spring semester. The Boren Scholarship was created by the National Security Education Program to increase the number of experts in languages and cultures critical to the security of the United States.



Hanan Kerr, MD, associate professor in the Department of Internal Medicine, Division of Cardiovascular Health and Disease, received a **Fulbright U.S. Scholar fellowship** to help her develop a cardiovascular training program in Rwanda.





James Herman, PhD, Flor Van Maanen Professor and chair of the Department of Pharmacology and Systems Physiology, received the **2020 Lifetime Achievement Award** from the International Society of Psychoneuroendocrinology (ISPNE). The award honors outstanding scientists in the field of psychoneuroendocrinology for their contributions to the understanding of brain-body interactions. The ISPNE cited Herman for making “major contributions to our understanding of the role of limbic neurocircuitry in stress adaptation and stress-related pathologies, and has applied to state-of-the-art approaches to delineate molecular mechanisms underlying stress hormone signaling in the brain.”



Bi Awosika, MD, associate professor in the Department of Internal Medicine, Division of General Internal Medicine, was named among the **40 Under 40 Leaders in Minority Health for 2021**. The health leaders are named annually by the National Minority Quality Forum.

Heather Christensen, PhD, assistant professor in the Department of Medical Education, received the **Emerging Leadership Award for an Individual** from the Association of American Medical Colleges (AAMC) Group on Women in Medicine and Science (GWIMS). The award honors Christensen for her work in contributing to women’s advancement and gender equity, mentoring and sponsoring women to become leaders, influencing other leaders in the recruitment, retention and promotion of women and improving the educational and professional environment for sustaining women in academic medicine and science.



Jennifer Patritti Cram received a **Young Investigator Award** from the Children’s Tumor Foundation. She was one of eight young scientists from around the world to receive the honor. The award will help her complete her doctorate in neurosciences as she continues her research in neurofibromatosis, a genetic disorder that causes tumors to form anywhere on a person’s nervous system.





16 buildings

457,907
square feet of
research space

2.31 million
gross square
feet of space



leadership

COLLEGE SENIOR LEADERSHIP

Andrew T. Filak Jr., MD

Senior Vice President for Health Affairs and
Christian R. Holmes Professor and Dean

Michael T. Archdeacon, MD

Senior Associate Dean for Clinical Affairs

Melanie T. Cushion, PhD

Senior Associate Dean for Research

Philip M. Diller, MD, PhD

Senior Associate Dean for Educational Affairs

Brett M. Kissela, MD

Senior Associate Dean for Clinical Research

Alex B. Lentsch, PhD

Senior Associate Dean for Faculty Affairs and
Development

Lori A. Mackey

Senior Associate Dean for Operations and Finance,
Chief Financial Officer

Pamela L. Baker, PhD

Associate Dean for Medical Education

Aurora J. Bennett, MD

Associate Dean for Student Affairs

Louito C. Edje, MD

Associate Dean for Graduate Medical Education

Bruce F. Giffin, PhD

Associate Dean for Medical Education

Kenneth D. Greis, PhD

Associate Dean for Research Core Facilities

Neil Holsing

Associate Dean for Operations and Finance

Lisa M. Johnson, MD

Interim Associate Dean for Diversity, Equity and
Inclusion

Jack R. Kues, PhD

Associate Dean for Continuous Professional
Development

Timothy D. Le Cras, PhD

Associate Dean for Graduate Education

Anil Menon, PhD

Associate Dean for Baccalaureate Education

DEPARTMENTAL AND INSTITUTE LEADERSHIP

Brian B. Adams, MD

Dermatology

Syed A. Ahmad, MD

UC Cancer Center (co-director)

Michael T. Archdeacon, MD

Orthopaedic Surgery

William L. Barrett, MD

Radiation Oncology

UC Cancer Center (co-director)

Richard C. Becker, MD

UC Heart, Lung and Vascular Institute

Christopher R. Bernheisel, MD

Family and Community Medicine (Interim)

Joseph P. Broderick, MD

UC Gardner Neuroscience Institute

John C. Byrd, MD

Internal Medicine

Jose A. Cancelas, MD, PhD

Hoxworth Blood Center

Joseph S. Cheng, MD

Neurosurgery

Tina L. Cheng, MD

Pediatrics

Sian Cotton, PhD

Center for Integrative Health and Wellness

Melissa P. DelBello, MD

Psychiatry and Behavioral Neuroscience

Philip M. Diller, MD, PhD

Medical Education (Interim)

Andrew D. Friedrich, MD

Anesthesiology

Karl C. Golnik, MD

Ophthalmology

Jun-Lin Guan, PhD

Cancer Biology

James P. Herman, PhD

Pharmacology and Systems Physiology

Brett M. Kissela, MD

Neurology and Rehabilitation Medicine

Michael A. Lieberman, PhD

Molecular Genetics, Biochemistry and Microbiology

Mary C. Mahoney, MD

Radiology

Mario Medvedovic, PhD

Biomedical Informatics (Interim)

Arthur M. Pancioli, MD

Emergency Medicine

David L. Steward, MD

Otolaryngology-Head and Neck Surgery

Jeffrey J. Sussman, MD

Surgery (Interim)

Glenn G. Talaska, PhD

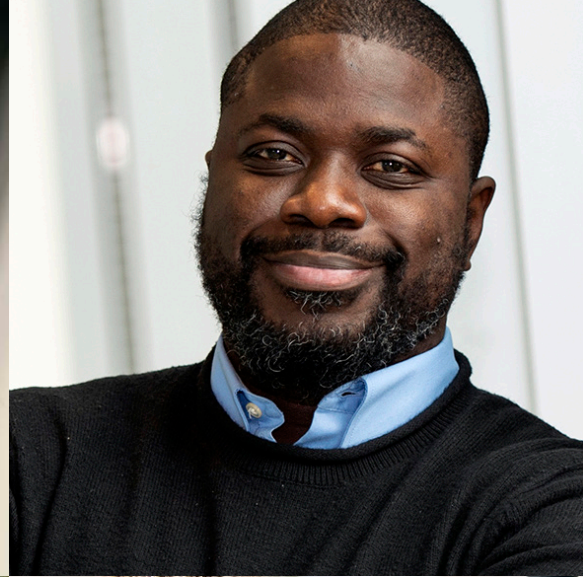
Environmental and Public Health Sciences (Interim)

Michael A. Thomas, MD


Obstetrics and Gynecology


Dani S. Zander, MD

Pathology and Laboratory Medicine




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