

TWENTY TWENTY



Annual Report 2021

University of Iowa Health Care is Iowa’s academic health system

UI Health Care comprises:

- UI Hospitals & Clinics, which includes UI Stead Family Children’s Hospital
- UI Roy J. and Lucille A. Carver College of Medicine
- UI Physicians

Through communication, coordination, and teamwork, UI Health Care:

- **Educates and trains** the next generation of health care professionals
- **Provides life-changing primary and specialty care** and expertise to patients and families
- **Seeks knowledge through research** to advance biomedical science

OUR MISSION

Changing medicine.
Changing lives.

OUR VISION

To be a destination
academic medical
center for Iowa and
the world.

OUR VALUES

WE CARE:

Welcoming

Excellence

Collaboration

Accountability

Respect

Equity

On the cover, from left: Donna Hammond, PhD, professor in the Department of Anesthesia and Department of Neuroscience and Pharmacology; Shreyashree Sarkar, PhD, student in the Biomedical Sciences Graduate Program; and Tahuanty Peña, MD, clinical associate professor in the Department of Internal Medicine and president of the Latinx Faculty Council in the Carver College of Medicine.



For University of Iowa Health Care, 2021 was notable for numerous remarkable achievements:

- More than **1.3 million clinic visits** and over **32,000 inpatient admissions** at UI Hospitals & Clinics
- Over **\$283 million in external research funding** to Carver College of Medicine investigators in fiscal year 2021—an increase of \$37 million from the previous fiscal year
- The distinction of being ranked **Iowa’s No. 1 hospital**, with **nine adult and pediatric specialties** listed by *U.S. News & World Report*
- A fourth five-year **renewal as a comprehensive cancer center** from the National Cancer Institute—the highest designation a cancer center can receive from the NCI—to **Holden Comprehensive Cancer Center**
- The establishment of the **Office of Health Parity**, part of an enterprise-wide commitment of resources to make UI Health Care more diverse, equitable, inclusive, and welcoming
- State approval to begin work on a **new hospital campus** in North Liberty, Iowa that will allow us to provide highly specialized care to even more Iowans from across the state
- Collaboration and progress on the university’s **10-year campus master plan**, which includes major upgrades and additions to the medical campus over the next decade

These advances, and many more, occurred even while the COVID-19 pandemic demanded time and resources in planning, preparation, and response. Throughout 2021, the administration of COVID-19 vaccines to our employees and the public was a major advancement for UI Health Care and our community.

UI Health Care made great progress in terms of rapid COVID-19 testing capabilities, the use of monoclonal antibodies and other treatments against the coronavirus, and ongoing efforts to follow patients in the Post-COVID-19 Clinic. The Delta and Omicron variants of COVID-19 brought new, urgent challenges in 2021, but the resiliency of UI Health Care faculty and staff—working with partners and the state and local levels—underscores our commitment to serving all of Iowa.

With more than **16,500 employees** across its research, teaching, and patient care enterprise, UI Health Care remains committed to its three-part mission in taking care of patients and families, preparing the next generation of scientists and physicians, and leading advances in biomedical discovery.

Brooks Jackson, MD, MBA
Vice President for Medical Affairs
and the Tyrone D. Artz Dean, Carver College of Medicine

Patricia Winokur, MD
Executive Dean, Carver College of Medicine

Kimberly Hunter, DNP, MBA, RN, NA-BC
Interim Associate Vice President, UI Health Care
and Interim Chief Executive Officer and Chief Nurse Executive, UI Hospitals & Clinics



Students at the Carver College of Medicine learn in an atmosphere of scholarship, humanism, and mutual respect. With the college's MD curriculum, for example, students take advantage of clinical experiences early in their medical education, which are integrated with foundational and basic sciences courses to provide contextual learning opportunities.

152
FIRST-YEAR
MD STUDENTS
2020-21 ACADEMIC YEAR

32%
An ethnic minority or
underrepresented
in medicine

41%
Graduates of Iowa's Public Universities

48%
Female Students

70%
Iowa Residents



6
PROGRAMS
NATIONALLY
RANKED

#1

Physician Assistant

#4

Physical Therapy

#14

Family Medicine

#22

Primary Care

#27

Internal Medicine

#39

Research

U.S. News "Best Graduate
Schools," 2022

MEDICAL EDUCATION AND TRAINING

Changing medicine through
innovation, integration, and
individualization

132

Graduating MD students
participated in the
National Residency
Matching Program
(Spring 2021)

41%

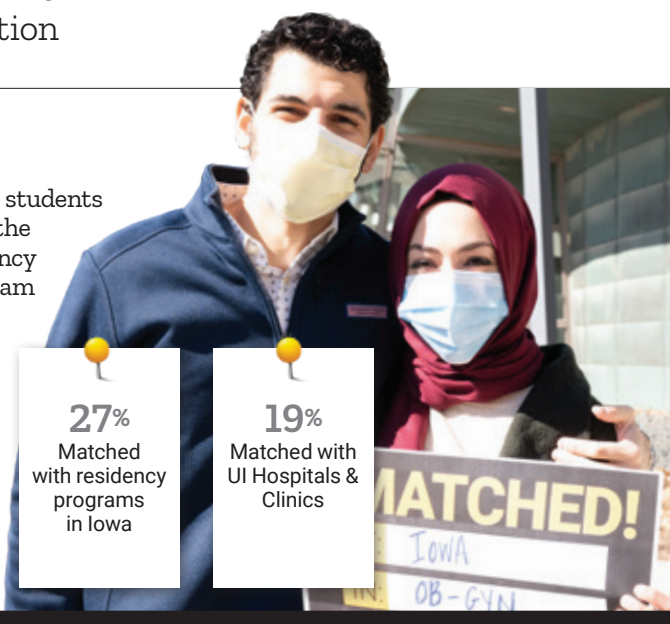
Chose
primary care
specialties for
residency
training

27%

Matched
with residency
programs
in Iowa

19%

Matched with
UI Hospitals &
Clinics



1,369 Faculty
Members

134 Physical
Therapy
Students

612 Medical
Students

813 Residents,
Fellows, and
Dentists

72 Physician
Assistant
Students

300+ Graduate
Students

6 REGIONAL MEDICAL
EDUCATION CENTERS
ACROSS IOWA



DAVENPORT



DES MOINES



IOWA CITY



MASON CITY



SIoux CITY



WATERLOO



In addition to its MD program and combined degree programs, the Carver College of Medicine offers advanced degrees in physician assistant studies, physical therapy, medical education, and clinical anatomy. The college also offers PhD programs in basic sciences and bachelor's degree programs in laboratory, nuclear medicine technology, and radiation sciences. Continuing medical education courses are offered year-round to practicing professionals, and over 5,000 undergraduate students at Iowa take basic science and pre-med courses through the college.

RESEARCH AND DISCOVERY

Changing medicine through multidisciplinary collaboration

286

Total National Institutes of Health (NIH) Grants

158

NIH Research Project (R01) Grants

#16

National ranking in NIH funding among public medical schools

#43

National ranking in NIH funding



The Board of Regents, State of Iowa, approved two new research centers in 2021. The Iowa Center for Neurodegeneration will focus on clinical trials in Parkinson's disease and other neurodegenerative conditions. The Hawkeye Intellectual and Developmental Disabilities Research Center, a collaboration of the Iowa Neuroscience Institute and the UI Stead Family Children's Hospital's Center for Disabilities and Development, will integrate basic and clinical research on intellectual and developmental disabilities.

2

Members of the National Academy of Sciences

14

Members of the National Academy of Medicine

2

Howard Hughes Medical Institute Investigators

22

RESEARCH CENTERS AND INSTITUTES

280+

RESEARCH LABORATORIES

40+

CORE RESEARCH FACILITIES AND RESEARCH SERVICE UNITS



Advancing biomedical science through discovery and scholarship is a hallmark of academic medicine, and Carver College of Medicine investigators and their research teams continue to make great strides. Extramural funding to the college has increased more than 33% from fiscal year 2017 to fiscal year 2021. Over that same period, National Institutes of Health funding has grown from \$101 million to \$147 million—an increase of more than 45%. Also, in the 2021 calendar year, 73% of the college's faculty published original research or other scholarly works, an impressive indicator of research expertise and productivity.

\$147M

IN NIH FUNDING

\$283M

IN EXTERNAL RESEARCH FUNDING IN FY21

\$246M

IN FY20

\$232M

IN FY19

9 SPECIALTIES NATIONALLY RANKED

#7

Ophthalmology

#23

Ears, Nose, and Throat

#25

Neonatology

#35

Pediatric Orthopedics

#41

Gynecology

#41

Pediatric Diabetes

#42

Pediatric Nephrology

#47

Cancer

#50

Pediatric Neurology
and Neurosurgery

U.S. News "Best Hospitals"
and "Best Children's
Hospitals," 2021-22



Before Nevaeh Brock of Buckingham, Iowa, was born, doctors detected a noncancerous growth on her heart. The tumor was caused by a genetic deformity called tuberous sclerosis. Both are extremely rare, with each occurring only about once in every 10,000 births. Working with Neveah's mother, Kari, and the Brock family, UI Health Care maternal-fetal medicine and neonatology specialists collaborated on a safe and successful delivery, then implemented an experimental treatment to shrink the tumor to a size where its effect on Nevaeh would be manageable. She still faces health challenges, but today Nevaeh is a happy and active first-grader.

PATIENT CARE AND SERVICE

Changing lives through
comprehensive, compassionate care

99

Serving patients
from each of Iowa's
99 counties

Naomi and Dylan Leech with
their 18-month-old twins,
Emery and Warren, at home in
Independence, Iowa, in July 2021.
Born prematurely, the twins spent
weeks in the Neonatal Intensive
Care Unit at UI Stead Family
Children's Hospital.



866

Total Inpatient
Beds

676

Adult Inpatient
Beds



1,348,060

Clinic Visits

32,067

Patient Admissions

48,655

Emergency Department Visits



205,364

Surgical
Operations



1,059

Critical Care
Transports



UI Hospitals &
Clinics is ranked
the No. 1 hospital in
Iowa by U.S. News &
World Report.



3,592
Nurses and Nurse
Practitioners



1,104
Staff Physicians
and Dentists



780
Residents and
Fellows

10,932

Total Hospital
Staff Members

190

Pediatric Beds at
UI Stead Family
Children's Hospital



106
COMMUNITY
EDUCATION PROGRAMS

including 99 virtual and 7 in-person programs in STEM education, adult-based community education, and provider relations content in FY 21.

2,429
K-12 students from 51 Iowa counties took part in 59 virtual UI Health Care STEM programs in FY 21.

OUTREACH, PHILANTHROPY, AND IMPACT

Changing lives through service to Iowans and commitments to our programs

\$82.2M
in philanthropic support to UI Health Care in FY 21 through the UI Center for Advancement

29,945
philanthropic gifts

26,350
donors



48%

of Iowa's 5,908 physicians received medical education or residency/fellowship training at Iowa

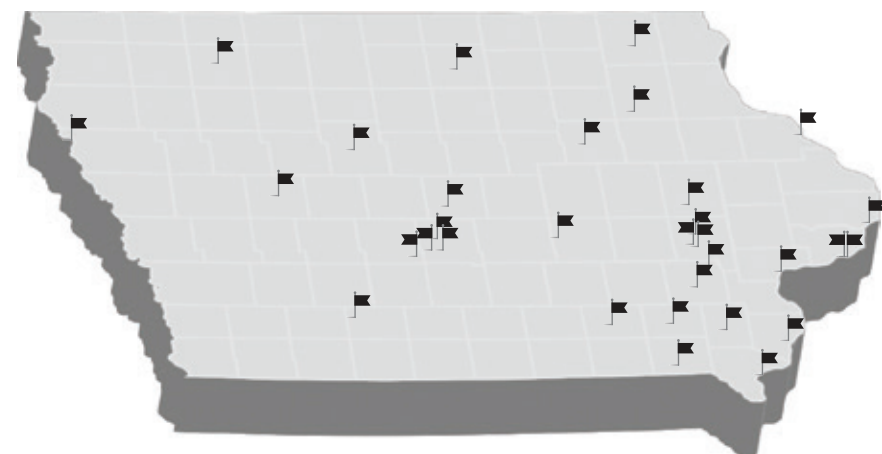


1,584

Alumni (MD) practice in 78 of Iowa's 99 counties

6,686

Providers from all 99 Iowa counties participated in continuing education programs in FY 21



112

Adult and pediatric primary and specialty care clinics at 32 Iowa locations

13

Child Health Specialty Clinics across Iowa



In October 2021, university leaders and local and state elected officials joined UI Health Care leaders to celebrate the beginning of construction on a new medical campus at the corner of Forevergreen Road and Highway 965 in North Liberty, Iowa. As an extension of the main hospital campus in Iowa City, the North Liberty location will provide the space and infrastructure to deliver highly specialized care to more patients from across Iowa. The new facility will include 48 inpatient beds, 21 emergency care rooms, surgical services with 16 operating rooms, clinic exam rooms, research and teaching space, and advanced imaging, pathology, and laboratory capabilities, among other services.



1,401
TOTAL INPATIENTS
WITH COVID-19 IN 2021

122
pediatric inpatients
with COVID-19 in 2021

The first week of February 2021 brought renewed optimism as the first doses of COVID-19 vaccine were administered to Johnson County residents who qualified under the state's vaccination guidelines. A week earlier, UI Health Care staff implemented a pilot vaccination program for several hundred patients—including Gordon Feenstra of Iowa City, pictured here—to test and validate the clinical processes for patient identification, scheduling, check-in, and follow-up. On Feb. 3, staff administered 1,004 vaccinations, and the operational efficiency was evident in that there were no lines of patients, physical distancing was maintained, and patients left with their second vaccine appointment scheduled.



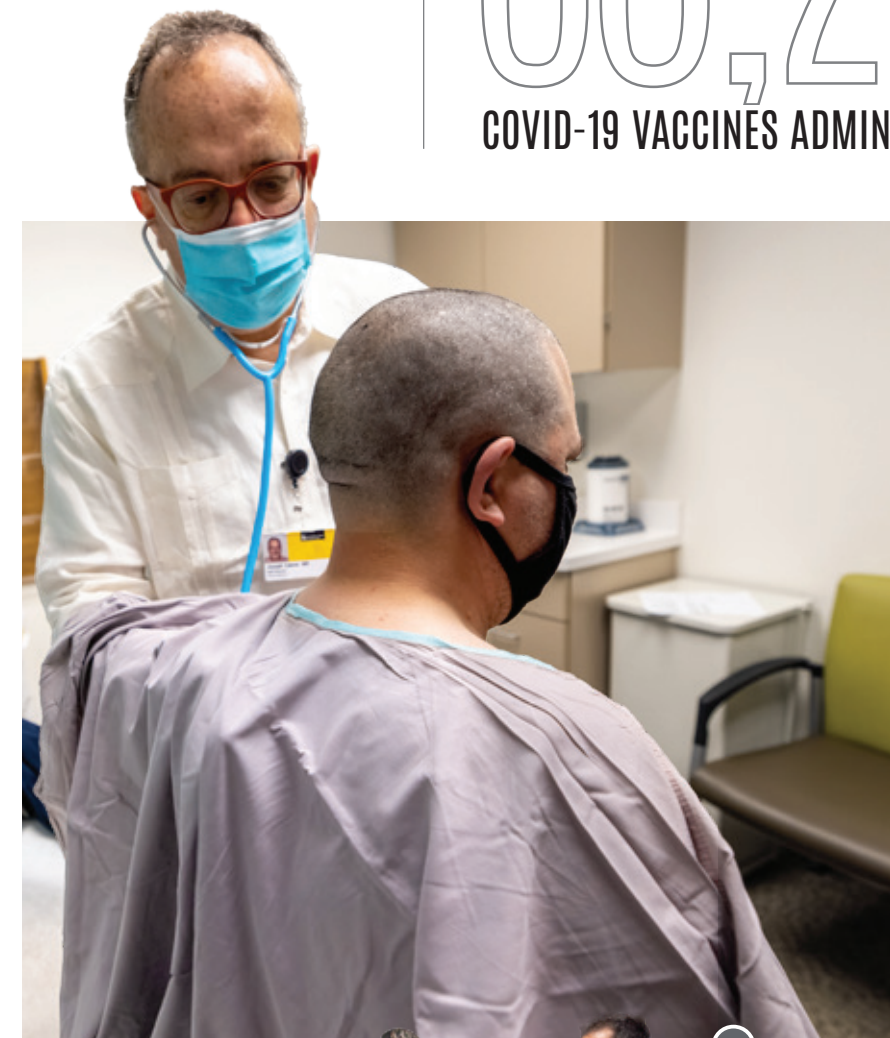
Former UI Hospitals & Clinics CEO Suresh Gunasekaran, who left Iowa in early 2022, was a leader throughout the pandemic—instituting operational changes and staff reassignments, working with university and state leaders, informing the news media, and hosting dozens of COVID-19 livestreams for employees and the public.

COVID-19

Changing lives by supporting patients, families, and our community throughout the pandemic

63,294

COVID-19 VACCINES ADMINISTERED IN 2021



2021 TOTALS:

155,370
INFLUENZA-LIKE
ILLNESS
CLINIC VISITS

42,886
COVID-19 telehealth
screenings

Pulmonologist Joseph Zabner, MD, in the Post-COVID-19 Clinic, which was established to provide long-term follow-up care for patients with ongoing symptoms and complications.

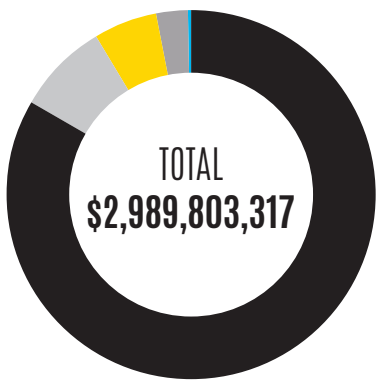


444
Post-COVID-19
Clinic patients

607
completed visits
through the Post-
COVID-19 Clinic

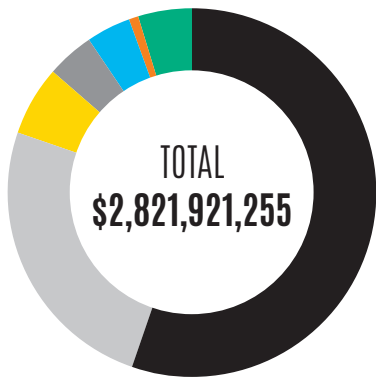
CONSOLIDATED FINANCIAL INFORMATION

Fiscal year 2021 (July 1, 2020 through June 30, 2021)
enterprise revenue and expenses.



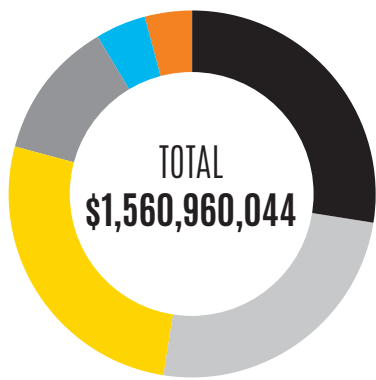
Fiscal Year 2021 Revenue

● Patient Care.....	\$2,496,298,145
● Extramural Funding.....	\$243,328,895
● Other Operating Revenue.....	\$170,772,483
● General Education Funds.....	\$77,058,822
● State Appropriations	\$2,344,972
TOTAL	\$2,989,803,317



Fiscal Year 2021 Expenses

● Personnel.....	\$1,560,960,043
● Supplies	\$707,342,131
● Licenses, Fees, and Other Operating Expenses.....	\$170,863,730
● Depreciation and Amortization.....	\$115,078,065
● Repairs and Maintenance	\$116,709,987
● Services (Insurance).....	\$23,156,732
● Occupancy, Billing, and Overhead	\$127,810,567
TOTAL	\$2,821,921,255



Fiscal Year 2021 Personnel Expenses

● Faculty	\$431,995,954
● SEIU.....	\$387,128,116
● Professional and Scientific	\$417,427,279
● Merit.....	\$192,471,555
● Residents, Fellows, and Postdoctoral Fellows.....	\$72,116,021
● Other Total	\$59,821,117
TOTAL	\$1,560,960,044

UNIVERSITY OF IOWA HEALTH CARE 2021 ANNUAL REPORT

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