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 UI Health Care 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.

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 medicine and technology, and radiation science. Continuing medical education courses are offered year-round to practicing professionals, and a new master’s degree program in medical education enables students to become faculty members and contribute to education through the college.

### First-Year MD Students 2020-21 Academic Year

- **152 First-Year MD Students**
  - 32% are ethnic minority or underrepresented in medicine
  - 41% are graduates of Iowa’s Public Universities
  - 48% are female
  - 70% are Iowa Residents

### 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

- **6 Programs Nationally Ranked**
  - Physician Assistant: #1
  - Physical Therapy: #4
  - Family Medicine: #14
  - Primary Care: #22
  - Internal Medicine: #27
  - Research: #39

- **1,369 Faculty Members**
- **1,34 Medical Students**
- **813 Residents, Fellows, and Dentists**
- **300 Graduate Students**
- **72 Physician Assistant Students**

- **41% Chose primary care specialties for residency training**
- **27% Matched with residency programs in Iowa**
- **19% Matched with UI Hospitals & Clinics**

- **6 Regional Medical Education Centers Across Iowa**
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.

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/Disorders 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.

286
Total National Institutes of Health (NIH) Grants

158
NIH Research Project (R01) Grants

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22
286
158
National ranking in NIH funding among public medical schools
National ranking in NIH funding

22 RESEARCH CENTERS AND INSTITUTES
40+ CORE RESEARCH LABORATORIES AND RESEARCH SERVICE UNITS

$232M IN FY19
$246M IN FY20
$283M IN FY21

$147M IN NIH FUNDING
$283M IN EXTERNAL RESEARCH FUNDING IN FY21

$232M IN FY20

$246M IN FY20

$283M IN FY21

280+
RESEARCH LABORATORIES

22
RESEARCH CENTERS AND INSTITUTES

286
Total National Institutes of Health (NIH) Grants

158
NIH Research Project (R01) Grants

2 Members of the National Academy of Sciences
14 Members of the National Academy of Medicine
2 Howard Hughes Medical Institute Investigators

UNIVERSITY OF IOWA HEALTH CARE • 2021 ANNUAL REPORT
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. Both prematurely, the twins spent weeks in the Neonatal Intensive Care Unit at UI Stead Family Children’s Hospital.

Changing lives through comprehensive, compassionate care

Before Nevaeh Brock of Buckingham, Iowa, was born, doctors detected a noncancerous growth on her heart. The tumor was caused by a rare genetic deficiency called tuberous sclerosis. Both are extremely rare, with the latter occurring only about once in every 10,000 births.

Working with Nevaeh’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.
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

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.

48% of Iowa’s 5,908 physicians received medical education or residency/fellowship training in Iowa

1,584 Alabama/MID obstetrician / gynecologist participating in 78 of Iowa’s 99 counties

6,686 providers from all 99 Iowa counties participated in continuing education programs in FY 21.

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 downtown Iowa City, the North Liberty location will provide the space and infrastructure to expand specialized care for many patients from across Iowa. The new facility will include 48 inpatient beds, 21 emergency care rooms, 13 operating rooms, and advanced imaging, pathology, and laboratory capabilities, among other services.
Changing lives by supporting patients, families, and our community throughout the pandemic

63,294 COVID-19 vaccines administered in 2021

COVID-19

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. 1, 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.

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

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

Facts & Figures

COVID-19 VACCINES ADMINISTERED IN 2021

2021 TOTALS:

155,370 influenza-like illness clinic visits

42,886 COVID-19 telehealth screenings

444 Post-COVID-19 clinic patients

607 completed visits through the Post-COVID-19 Clinic

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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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