



POINTS OF PRIDE 2021-22



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National experts in rare disease

UNMC's Munroe-Meyer Institute joined a highly select group of 31 medical centers nationwide as part of an innovative network seeking to expand access and advance care and research for patients with rare diseases in the United States. MMI's Department of Genetic Medicine earned designation as a National Organization for Rare Disorders (NORD) Rare Disease Center of Excellence, in partnership with Children's Hospital & Medical Center and Nebraska Medicine. The designation will lead to more robust and innovative therapeutic research that will lead to improved care and more effective treatments.

Training model aids COVID testing

Nasopharyngeal swabs have been done millions of times worldwide to detect COVID-19, but in early 2021, the UNMC iEXCEL team created an advanced oral/nasopharyngeal model to help improve the skills of those performing the swabs. The Oral Nasal Pharyngeal Anatomy Clinical Education (ONPACE) trainers also can test for infections such as strep throat, flu and diagnose some ENT issues. iEXCEL worked in collaboration with the UNMC Department of Otolaryngology-Head and Neck Surgery, Nebraska Medicine, UNeMed and the Massachusetts-based Chamberlain Group, which markets and distributes the ONPACE trainers.

Vaccine study for children

Researchers at UNMC and Children's Hospital & Medical Center, with the help of the Child Health Research Institute, were involved in the first trials testing a vaccine in younger children – the Pfizer-BioNTech COVID-19 vaccine candidate for children ages 6 months through 11 years. In October 2021, the U.S. Food and Drug Administration authorized the emergency use of the vaccine for the prevention of COVID-19 for those in the 5- to 11-year-old age group. The Nebraska group – part of a global study with 90 clinical sites – will follow all 50 participants for 24 months from date of enrollment, including children age 6 months to 4 years who do not yet have formal FDA/CDC EUA approvals.

Spotlighting UNMC's unique history

In 2021, UNMC opened the Wigton Heritage Center, a multilevel facility designed to showcase UNMC's history and serve as a campus welcome center. The 13,000-square-foot facility features the soaring columns of University Hospital's 1917 façade, an 1880s dental office, artifacts owned by Dr. Susan La Flesche Picotte, a 1300s medical manuscript written by Albert Magnus and various exhibits and interactive displays.

New home for MMI

With its new multilevel facility, the Munroe-Meyer Institute creates a new standard in care for individuals with intellectual and developmental disabilities. At 220,000 square feet, the \$91 million building is more than double the size of MMI's former home and provides critical room for growth of existing programs and the development of innovative new ones.

Affirmation of excellence

The Fred & Pamela Buffett Cancer Center has the distinction of being the only National Cancer Institute-designated cancer center in Nebraska. Renewal of its NCI Cancer Center Support Grant in 2021 results in approximately \$12 million to UNMC over the next five years and continues the critical NCI designation. "It is what sets us apart from every other cancer center in Nebraska," said Kenneth Cowan, MD, PhD, director of the Fred & Pamela Buffett Cancer Center.

Grant renewal makes history

The National Institute of General Medical Sciences gave UNMC its largest research grant in the university's history. In October 2021, the Great Plains Institutional Development Award program for Clinical and Translational Research (IDeA-CTR) received a five-year, \$20.3 million award – a renewal of a then-record \$20 million National Institutes of Health funding award from 2016. A collaborative effort between nine regional institutions, the IDeA-CTR strives to provide training, education and mentorship; tools and resources; and funding to regional researchers.

New oral drug to prevent COVID-19

In November 2021, UNMC and Nebraska Medicine launched a clinical research trial for adults who live with someone who has tested positive for COVID-19. The trial evaluates whether Molnupiravir, an oral antiviral, could prevent COVID-19. The international trial, sponsored by Merck Sharp & Dohme Corp., also assesses the safety of the drug.

Training rural providers

Only 48 hours after the UNMC Simulation in Motion-Nebraska (SIM-NE) team trained a rural Nebraska fire and rescue crew, the team put its training into action and delivered a healthy baby boy on a rural country road. It was the first delivery in 20-plus years for the Hildreth Fire and Rescue team – who were grateful for the well-timed specialized, high-tech SIM-NE training on emergency obstetrics. The four SIM-NE trucks, stationed in Scottsbluff, Kearney, Norfolk and Omaha, provide training at the request of rural emergency medical service agencies and critical access hospital staff. Smiles among the EMT squad remained long after the Nov. 15, 2021, roadside delivery. "Thank God for the training," said one of the EMT volunteers. "My jaw is still on the floor when I think about it." Mom, dad and baby Raiden – of Franklin, Nebraska – are doing well.



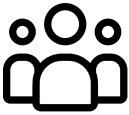


UNMC FAST FACTS



4,387

Students enrolled, fall 2021



6,010

Employed by UNMC (5,134 FTE), November 2021



\$841.6 million

UNMC's operating budget (2021-22)
(19% state-supported)



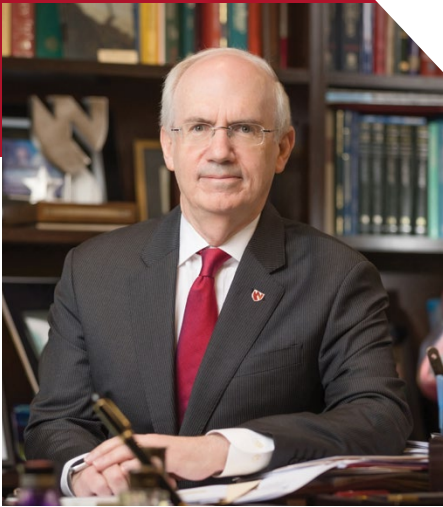
500 miles

UNMC's influence reaches across the state
with campuses in Scottsbluff, Kearney, Lincoln,
Norfolk and Omaha.



\$228.5 million

UNMC record in total sponsored awards
(fiscal year 2021) (Total research-only sponsored
awards for FY21 was \$163.9 million)



Chancellor

Jeffrey P. Gold, MD

National ranking

Among the best in U.S. News & World Report rankings: Primary care, nursing, physical therapy, physician assistant and pharmacy programs – plus our online graduate nursing programs.

Major units

Six colleges: College of Allied Health Professions, College of Dentistry, College of Medicine, College of Nursing, College of Pharmacy, College of Public Health; two degree-granting institutes: the Munroe-Meyer Institute and the Eppley Institute for Research in Cancer and Allied Diseases; and a graduate studies program.

Founded

1881, after being chartered in 1869. Originally the Omaha Medical College, the college became affiliated with the University of Nebraska in 1902.

University of Nebraska

The University of Nebraska Medical Center is one of four campuses of the University of Nebraska System. The others are the University of Nebraska-Lincoln, the University of Nebraska at Omaha and the University of Nebraska at Kearney.

International appeal

UNMC's 279 international students represent 37 countries (fall 2021).

Clinical partner

UNMC's primary clinical partner, Nebraska Medicine, provides access to more than 1,000 physicians, nearly 40 specialty and primary care health centers and two hospitals (Nebraska Medical Center and Bellevue Medical Center) with more than 800 licensed beds. Nebraska Medicine traces its roots back to 1869 with the founding of Omaha's first hospital. In the decades since, it has built an international reputation for breakthroughs in cancer care, organ transplantation and treatment of infectious diseases.