

# RESEARCH FACTS & FIGURES



RESEARCH

December 2023

**11<sup>th</sup>**

top-ranked university in the United States for federal research, totaling \$827M annually // HERD Survey, 2022

**\$1.36 BILLION**

UNC conducts more than one billion dollars of sponsored research from all sources annually, making it the 12th largest US research university in research volume and annual expenditures // HERD Survey, 2022

**62%**

UNC-Chapel Hill performs more than half of all UNC System research // HERD Survey, 2022

**2,402**

UNC research projects directly addressing the health, education, or well-being of NC citizens, in 2023 // UNC RAMSeS, 2023

**\$5**

For each dollar of state funding, research centers & institutes attract \$5 from external sources // UNC RAMSeS, 2020

## ECONOMIC IMPACT

**\$2.6 BILLION**

total annual North Carolina economic impact of UNC research and UNC startup companies // EMSI, 2013

**286 NC BUSINESSES**

spun out of research at UNC, creating 8,836 jobs in North Carolina and generating nearly \$17.6 billion in annual revenues // UNC OCED, 2023

**3,200 NC BUSINESSES**

in 100 North Carolina counties are supported by \$96 million in annual purchases by UNC Research // UNC Research, 2022

**11,313 NC EMPLOYEES**

from 87 counties throughout the state are employed by UNC Research, with a \$398 million annual payroll // UNC Research, 2022

**45**

research centers and institutes attracting top faculty and over \$486 million annually in external funding to North Carolina for scientific research // UNC RAMSeS, 2023

## EXCEPTIONALISM

**1 of only 10** public US institutions in the Top 25 for all measures of excellence // CMUP, 2020

**150+** faculty at UNC are members of the National Academies & prestigious learned societies // UNC Research, 2023

**2** Nobel Laureates // Royal Swedish Academy of Science

**22** faculty in the National Academy of Medicine // National Academy of Medicine, 2023

**17** faculty elected to the National Academy of Sciences // National Academy of Sciences, 2023

**21st** most cited university in the world // CSIC Webmetrics, 2023

## RESEARCH COLLABORATION

// UNC RAMSeS, 2023

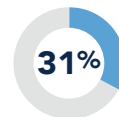
Multi-Investigator Projects



Multi-Department Projects



Multi-School Projects



Trusted partner for research, **UNC ranks 2nd in the nation for R&D** received as a sub-recipient from other universities // HERD Survey, 2022

## POSTDOCTORAL RESEARCH

**800+** postdoctoral fellows // UNC Office of Postdoctoral Affairs, 2021

**21st** in the nation for the total number of postdoctoral fellows // GSS Survey, 2021

## NATIONAL RANKINGS AND RESEARCH EXPENDITURES BY FIELD

// HERD Survey, 2022

**10th** life sciences research, **\$1.02B**

**4th** social sciences research, **\$77M**

**24th** biological and biomedical sciences research, **\$222M**

**7th** health sciences research, **\$798M**

**11th** chemistry research, **\$31M**

**1st** psychology research, **\$49M**

**12th** biomedical engineering research, **\$24M** jointly with NCSU

**4th** social work research, **\$19M**

## FEDERAL INVESTMENT

**9th** in the US for federally funded health sciences research // HERD Survey, 2022

The NIH is UNC's largest federal funder, awarding more than **\$535M** in 2023 // UNC RAMSeS, 2023

**3rd** among the nation's Schools of Public Health for NIH funding // BRIMR, 2022

**2nd** in the nation for federally funded social and behavioral science research and development // COSSA, 2023

## COMMERCIALIZATION

**3,605** inventions have been disclosed at UNC // UNC OCED, 2021

**1,061** US patents have been awarded to UNC // UNC OCED, 2023

Technology created at UNC has generated **\$123 million** in income for the university, funding the development of new technologies and incubation of startups // UNC OCED, 2023

UNC spin-out businesses generate **\$1.6 billion** in added income (GSP) to NC annually – the equivalent of **15,000** additional NC jobs // EMSI, 2013

## INDUSTRY PARTNERSHIPS

**18th** in the US for privately sponsored clinical trials // HERD Survey, 2022

**26th** in industry-sponsored life sciences research in the US // HERD Survey, 2022

**36th** for industry-sponsored R&D among the nation's private and public institutions // HERD Survey, 2022

**\$46 million** in annual clinical trials research // HERD Survey, 2022

**\$59 million** in annual R&D from private industry sponsors // UNC RAMSeS, 2023