

DCRI COVID-19 RESEARCH



The DCRI is leading research programs to better understand the SARS-CoV-2 virus and its impacts on population health—from collecting the experiences of frontline workers to learning more about therapeutics that could be used to manage symptoms at home.

DCRI PEDIATRICS-LED COVID-19 RESEARCH



ABC Science Collaborative

Funder: National Institutes of Health

DCRI Co-Principal Investigators:

Kanecia Zimmerman, MD, MPH; Associate Professor of Pediatrics
Danny Benjamin, MD, PhD, MPH;
Distinguished Professor of Pediatrics;
Deputy Executive Director, DCRI

DCRI faculty co-founded this program, which pairs scientists and physicians with school and community leaders to help understand the most current and relevant information about COVID-19. The collaborative's data and thought leadership helped to inform the North Carolina law called The Reopen Our Schools Act of 2021, which requires all public schools in the state to offer their K-5 students in-person learning and provides pathways to do so safely.

RADx Returns to Schools

Funder: National Institutes of Health

DCRI Principal Investigator:

Kanecia Zimmerman, MD, MPH; Associate Professor of Pediatrics

The ABC Science Collaborative is overseeing this study as part of the Safe Return to School Diagnostic Testing Initiative, an effort that is part of the RADx-UP program. The NIH will provide additional funding for RADx-UP studies to address how schools can safely return to in-person instruction during the COVID-19 pandemic. This funding will support projects at 10 institutions across eight states, including a project of the ABC Science Collaborative called "SARS-CoV-2 Screening and Diagnostic Testing for Return to K-12 Schools."



Rapid Acceleration of Diagnostics for Underserved Populations (RADx-UP)

Funder: National Institute on Minority Health and Health Disparities

DCRI Principal Investigator:

Micky Cohen-Wolkowicz, MD, PhD; Kiser-Arena Distinguished Professor of Pediatrics; Therapeutic Area Lead, DCRI Pediatrics Research

The DCRI, UNC Center for Health Equity Research, and Community-Campus Partnerships for Health are serving as the coordinating and data collection center for a four-year program that will overcome barriers and increase uptake of COVID-19 testing among underserved and vulnerable populations across the U.S.



DCRI COVID-19 RESEARCH

Find out more about
DCRI's COVID-19
research.

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DCRI PEDIATRICS-LED COVID-19 RESEARCH (continued)



Say Yes! COVID Test

Funders: Centers for Disease Control and
Prevention and National Institutes of Health

DCRI Principal Investigator:

Micky Cohen-Wolkowicz, MD, PhD;
Kiser-Arena Distinguished Professor of
Pediatrics; Therapeutic Area Lead, DCRI
Pediatrics Research

Supported through NIH's RADx-UP program,
the DCRI and its partners will work with
state and local public health departments in
selected communities to provide residents
with self-administered, rapid antigen
COVID-19 tests, with the goal of evaluating
whether frequent testing impacts viral
transmission in those communities.



ACTIV-1

Funder: National Institutes of Health

DCRI Co-Principal Investigators:

Danny Benjamin, MD, PhD, MPH;
Distinguished Professor of Pediatrics;
Deputy Executive Director, DCRI
Brian Smith, MD, MPH; Samuel L. Katz
Distinguished Professor of Pediatrics

DCRI is serving as the U.S. coordinating
center for ACTIV-1, a master protocol
that will initially examine three immune
modulators that may prevent the overactive
immune response that occurs in some
severe COVID-19 cases. The trial is a public-
private partnership overseen by the NIH
and designed to advance therapeutics and
vaccines for COVID-19.

OTHER DCRI COVID-19 RESEARCH



HERO

Funder: Patient-Centered Outcomes
Research Institute (PCORI)

DCRI Principal Investigator:

Adrian Hernandez, MD, MHS; Executive
Director, DCRI; Vice Dean, Duke University
School of Medicine

DCRI Principal Registry Investigator:

Emily O'Brien, PhD; Associate Professor,
Population Health Sciences

DCRI is leading a research program that
engages U.S. health care workers to better
understand their risks and preferences
associated with the COVID-19 pandemic.
The program includes a registry, a research-
ready platform that can be leveraged for
future clinical trials.



HERO-TOGETHER

Funder: Pfizer

DCRI Principal Investigator:

Emily O'Brien, PhD; Associate Professor,
Population Health Sciences

DCRI and Verily will utilize the HERO
Registry and community to conduct a
study to gain long-term insights, including
real-world safety data, about the three
COVID-19 vaccines currently given
EUA by the FDA. The study will follow
approximately 20,000 healthcare workers
for two years after receiving the vaccine.



Duke Clinical Research Institute

FROM THOUGHT LEADERSHIP
TO CLINICAL PRACTICE