

Academic Health Centers Respond to COVID-19

As of May 1, 2020



INNOVATION

Universidad de Antioquia - Colombia is racing to create an affordable \$1,000 ventilator. A team of mechanical engineering faculty is designing a 3-D printable box that can pump air unassisted for 48 hours. Production is provided by the country's largest motorcycle manufacturer.

<https://bit.ly/3f41NzK>



GROWTH

Maastricht University - Netherlands is designing programs to create more durable business models in a post COVID-19 era. Partnering with local businesses, the university is aiding those who were hit most by the pandemic in the city of Maastricht.

<https://www.maastrichtuniversity.nl/news/facing-corona-crisis-entrepreneurship-and-innovation>



TECHNOLOGY

National University of Singapore is developing a mapping tool to show concentration and population density to better control the pandemic's spread. The tool aggregates individual wifi signal strengths to estimate how many people are in a given area, enabling informed policy changes.

<http://news.nus.edu.sg/press-releases/singapore-spacer-maps-people-concentrations>



RESEARCH

The University of New South Wales - Australia is establishing the COVID-19 Rapid Response Research Fund to address immediate biomedical and containment aspects, as well as social, economic, and environmental consequences of the pandemic.

<https://research.unsw.edu.au/covid-19>