

New mask design in COVID-19 ERA

Are they going to protect us?

Not every mask design will be good to protect us

The efficiency of a mask will depend on:

- What it is made of, Material efficacy to collect the particles.
- How does it fit your face, fit test, to make sure there are no leakage allowing particles to penetrate from the sides.



Al Sacco and Jnev Biros from the Edward E. Whitacre Jr. College of Engineering
Juliusz Warzywoda and Rumeysa Tekin from the Materials Characterization Center
Brandon Weeks, chemical engineering
Louisa Hope-Weeks from Department of Chemistry & Biochemistry
Sharilyn Almodovar from TTUHSC Department of Immunology and Molecular Microbiology
Karin Ardon-Dryer, Department of Geosciences, Atmospheric Science Group