Preventing the Spread of COVID-19

My Mask Protects You!

By wearing a mask you are protecting others around you. In the event that you have unknowingly been exposed to SARS-CoV-2 (i.e. grocery store, gas station, etc.) you will not know that you have acquired the virus until you present symptoms for up to 2-14 days, if you are pre-symptomatic. By wearing the mask in public you prevent spreading the virus to your co-workers, peers, and strangers.

The more people that wear a mask, the lower the probability that transmission will occur. The droplets from a sneeze can spread farther than 6ft and can stay in the air for upwards of 10 minutes. Wearing your mask will contain the droplets from spreading further.

Dr. Ian Charnas, School of Engineering at Case Western Reserve University demonstrated an experiment on how a mask limits the spread of bacteria by breathing onto petri dishes with and without a mask. The results show that the mask does help limit the spread of bacteria and viruses. Check out the video!

MythBusters!

Ten years ago in June 2010, the MythBusters crew demonstrated how easily the flu virus can spread. SARS-CoV-2 transmits similar to the flu virus. Jamie and Adam created a mechanical cold, using a drip syringe and fluorescent dye, to demonstrate how we can contaminate individuals and objects around us. When simulating a party atmosphere, Adam was able to “contaminate” and “possibly infect” 5 out of the 6 guests. Click here to watch the video!

For more information on COVID-19 at UofL: https://louisville.edu/coronavirus.