

The Center for Clinical and Translational Science proudly presents...

# COVID-19 Inventor Showcase

The CCTS Optimizing Innovation, Commercialization and Entrepreneurship of Biomedical Research program pivoted the in-person monthly Startup Inventor Showcase to a fully virtual panel series in June 2020 to highlight experts who are collaborating together to fight against COVID-19 on our front lines of innovation.

**Tuesday, December 15 | Noon – 1 p.m. | Webinar**

## Accelerated Mass Manufacturing of Nasopharyngeal Swabs

Around the world, close to 40.5 million people have contracted COVID-19 and more than 1.1 million have died, according to Johns Hopkins University's most recent data. CDC projects up to 282,000 US COVID-19 deaths by December 5. Surprisingly, one of the biggest bottlenecks in the soaring demand for diagnoses has neither involved complex machines to detect genetic material nor molecular biology. It's been a shortage of nasopharyngeal swabs for collecting samples. Join us on December 15<sup>th</sup> to learn how an Ohio State coalition of university scientists, engineers and manufacturers came together to share resources and expertise to combat this shortage in the state of Ohio. The 3D-printed nasal pharyngeal swabs are meeting the dire demand in Ohio.

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### Inventors & \*Featured Resources

#### Jay Sayre, PhD

Asst VP, Matls & Manuf Sustainability, OR;  
Director, Institute for Materials Research (\*IMR);  
Materials Science and Engineering

#### Fonda G. Robinson, DMD, FACP

Associate Dean, Clinic Administration and  
Patient Care, College of Dentistry

#### Julie Amling, MHA

Director, Supply Chain Operations, Ohio State  
Wexner Medical Center

#### Seth Faith, PhD

Strategic Alliance Officer, Infectious Diseases  
Institute; Executive Director, Center for  
Microbiome Science; **NEW!** \*Applied  
Microbiology Services Lab

#### Nate Ames

Executive Director, Center for Design &  
Manufacturing Excellence (CDME)

#### Mary Hoffman Pancake

Program Manager, CDME; **NEW!** \*Medical  
Modelling, Materials and Manufacturing Lab



### Co-presented by:

Ohio State's Corporate Engagement Office

Nationwide Children's Hospital Office of Technology Commercialization



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TRANSLATIONAL SCIENCE