



**HENRY M. ROWAN  
COLLEGE OF ENGINEERING**

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## Message From the Dean

Dear Friends and Colleagues,

Last week I noted we would be sending a special newsletter capturing the effort's of our college to meet the needs of our students and our community during the ongoing pandemic.

Without reservation, our College's faculty, and students put their expertise and entrepreneurialism to good use - developing new programs, and in literally manufacturing critically needed personal protective equipment for use in our university and broader community.

Through the support of our industry partners, university leadership, Federal, State and local governments we were able to make meaningful contributions that are enhancing our collective ability to fight back against the effects of the COVID-19 pandemic. Facing these challenges is certainly not what we would ever hope for, but our ability to meet these challenges speaks to how special the Henry M. Rowan College of Engineering is.

Thank you for taking the time to read about our efforts, and we wish you all the best in the days and weeks ahead

Sincerely,  
Dr. Stephanie Farrell  
Interim Dean of the Henry M. Rowan College of Engineering

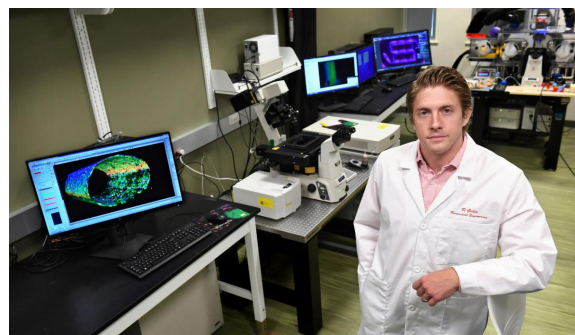
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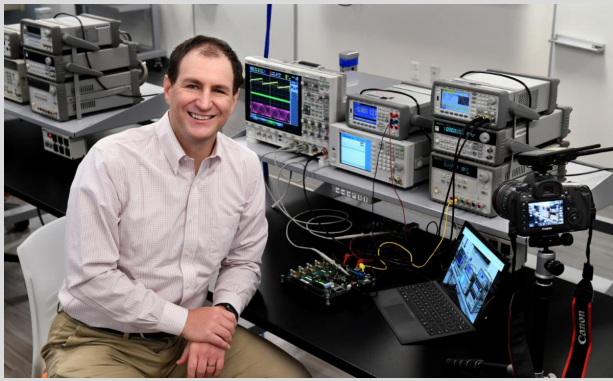
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### Rowan researcher: Novel coronavirus could lead to 'leaky' blood-brain barrier

A Rowan University researcher has won a \$299,876 research grant from the National Science Foundation for a project exploring why the novel coronavirus contributes to an increased risk of stroke among infected patients.

[Read More](#)





## Remote instruction: Pandemic leads to an educational evolution

Rowan University is pivoting toward a future that's comfortably online — with or without a pandemic. While many Rowan faculty have taught classes online for years, educators across the University worked since last spring to convert traditional courses into a flexible format that can be delivered both online and face-to-face, said Dr. Robi Polikar, who heads Electrical and Computer Engineering in Henry M. Rowan College of Engineering.

[Read More](#)

## Filling a need: Rowan University, partners produce face masks

Rowan University and its community partners are producing 50,000 reusable face masks this summer to fill a need for personal protective equipment due to the COVID-19 pandemic.

[Read More](#)



## Engineering team speeds production for new intubation barriers

A team of Rowan University mechanical engineers is producing a new line of intubation barriers for emergency use during the COVID-19 crisis.

[Read More](#)

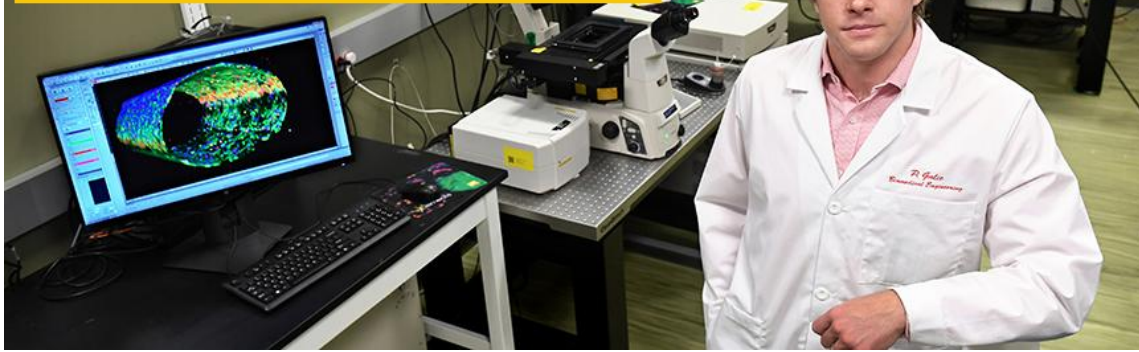


## Rowan batteries boost protection for Cooper doctors

Using their know-how and parts bought at a local hardware store, two Rowan University electrical engineers recently built rechargeable batteries to power critically needed personal protective equipment for Cooper University Hospital in Camden.

[Read More](#)

## What Happens To Your Brain During COVID-19?

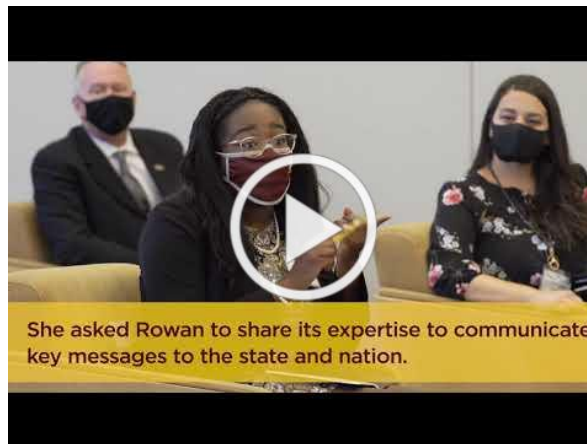


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### World-renowned health expert Dr. Deborah Birx praises and encourages Rowan

World-renowned global health expert Dr. Deborah L. Birx visited Rowan on October 6th to observe, discuss and commend our efforts to protect our community as the COVID-19 pandemic continues.

Dr. Birx applauded Rowan community members and our public health efforts and challenged us to continue to be vigilant. She also asked us to develop more of the exceptional resources and innovations that she found during her visit so other institutions across the nation can take advantage of our experience and expertise. [This story](#) shares the highlights and photos. You can watch the [brief press conference](#).



She asked Rowan to share its expertise to communicate key messages to the state and nation.

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### Recent Publications

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Excellence

Clinic Showcase  
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