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BIOMEDICAL ENGINEERING

COLLEGE OF ENGINEERING | THE UNIVERSITY OF UTAH

Newsletter | June, 2020



Mucus and the Coronavirus

As the lethal COVID-19 coronavirus propagates around the globe, we know a sneeze, a cough or simply touching a surface with the virus can spread the infection. University of Utah biomedical engineering assistant professor Jessica R. Kramer is now researching how mucus plays a part in transferring coronaviruses from person to person.

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Student NSF Fellowships

This year students in the Department of Biomedical Engineering at the University of Utah received four fellowships and five honorable mentions from the National Science Foundation Graduate Research Fellowship Program (NSF GRFP).

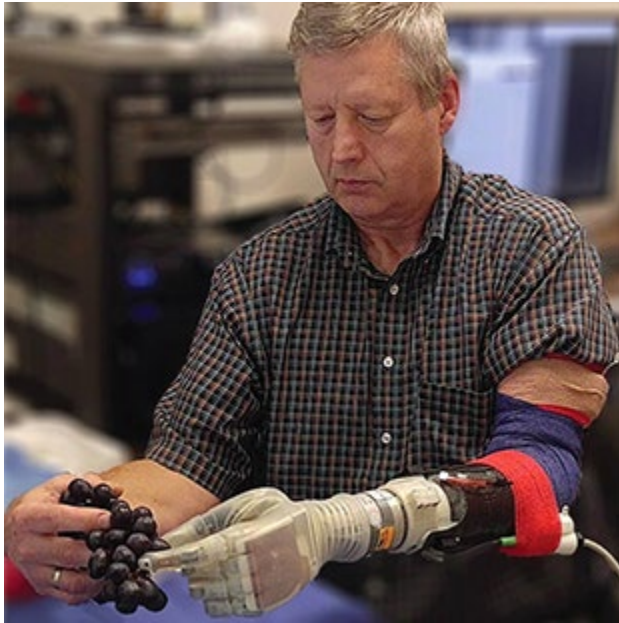
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BME Grads Win Contest

Vitapul, a company developing an injection device that stores medication in a way that extends its shelf-life, won first place and the \$5,000 grand prize at the 2019-2020 University of Utah Opportunity Quest business-model, executive-summary competition Jan. 17. Two members of Vitapul are University of Utah biomedical engineering graduates, Trent Parry and Alejandro Blicht.

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Prosthetic Arm That “Feels”

A University of Utah biomedical engineering team, led by associate professor Gregory Clark, has developed a way for the “LUKE Arm” prosthetic hand to mimic the way a human hand feels objects by sending the appropriate computer signals to the brain.

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Timmins Receives Grant

University of Utah biomedical engineering assistant professor Lucas Timmins has received a five-year \$1.7 million grant from the National Institutes of Health to research the biomechanics associated with heart disease.

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Stopping the Spread of Cancer

University of Utah biomedical engineering assistant professor Tara Deans has received 2019's National Institutes of Health Director's New Innovator Award and a \$1.5 million grant to develop a method that could help stop the spread of cancer by using specially-engineered blood platelets to seek and destroy tumor cells in the bloodstream.

[Click here to read more.](#)



Congratulations Class of 2020!

This spring, the Department of Biomedical Engineering graduated 52 Bachelors, 24 Masters, and 5 Doctorates. Congratulations to all! [Click here](#) to see more of this years' graduating class.



Chair Receives ESB 2020 International Award

Dr. David Grainger, Department Chair, has been awarded the 2020 International Award from the European Society for Biomaterials. The International award is awarded to scientists who have generally spent their career outside Europe, who have been internationally recognized, have a high scientific profile, and have made major contributions to the field of biomaterials. Congratulations to Dr. Grainger!