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Students Present Posters at the Capitol on March 30

April 5, 2022

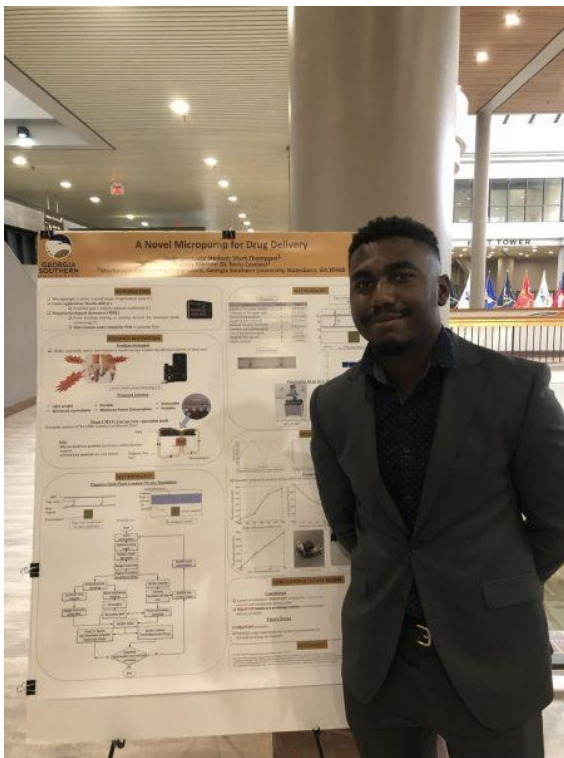
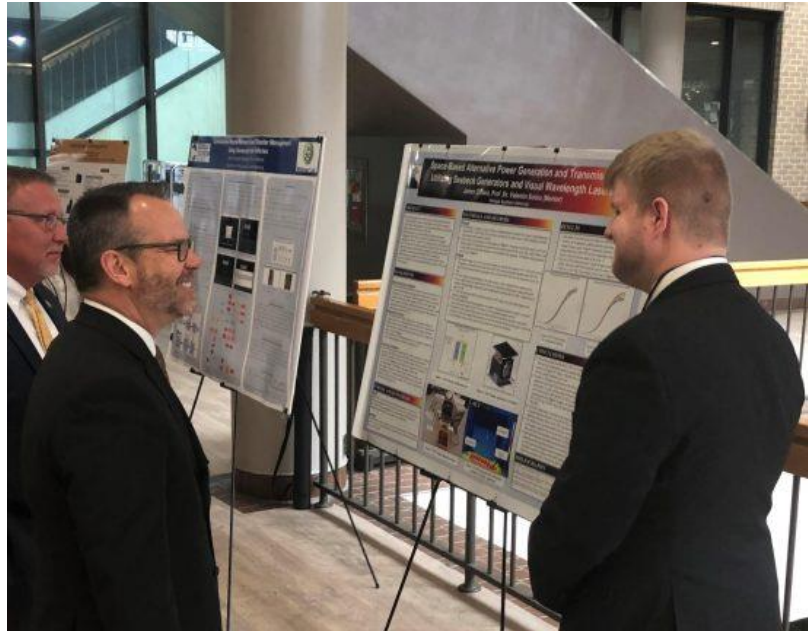
On March 30, 2022, four students from the Allen E. Paulson College of Engineering and Computing presented their research at the annual [Posters at the Capitol](#). This was the fourth time this prestigious invitational event was held — Georgia undergraduate students must submit an abstract, with preference given to interdisciplinary or multi-disciplinary research. The competition is sponsored by [Georgia College's Council on Undergraduate Research](#).

Jess Gale, [B.S. Mechanical Engineering](#), presented his work entitled Design of a Miniature HVAC System to Function as a Multipurpose Cooling Shirt (right). Mr. Gale's presentation was not a part of the formal Posters at the Capitol, but received Honorable Mention as an exceptional application. Mr. Gale's faculty mentor is assistant professor of Mechanical Engineering, [Dr. Sevki Cesmeci](#).



For each of the four years Posters at the Capitol has been held, associate professor in [Electrical and Computer Engineering](#) [Dr. Rami Haddad](#) has had a student present his or her research in the competition. This year, Ms. Maria Gonzalez-Bocanegra (left, with GA State Senator Billy Hickman, District 4) presented her work on Convolutional Neural Network-based Disaster Management using Unmanned Aerial Vehicles.

James O'Hara, a student of renowned professor [Dr. Valentin Sologiu](#) in Mechanical Engineering, presented his work on Alternative Power Generation and Transmission utilizing Seebeck Generators and Visual Wavelength Lasers. Mr. O'Hara is pictured (right) with GS President Kyle Marrero, who made an effort to visit each GS student researcher's presentation.



Mark Thompson (left) is also working with Dr. Sevki Cesmececi, but his research is on MEMS (micro-electromechanical systems) pump technology. His presentation was entitled A Novel Micropump for Drug Delivery. Mr. Thompson is an undergraduate Mechanical Engineering student.

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