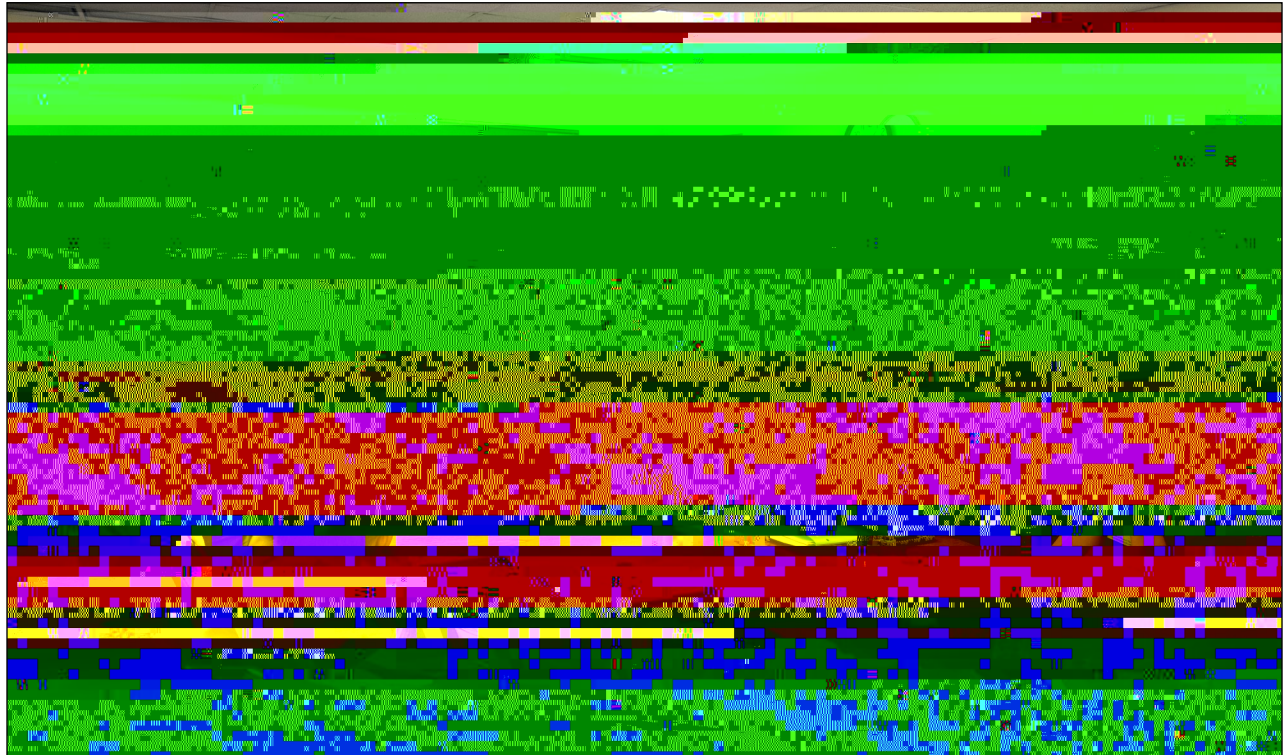


College of Health Sciences e-Newsletter

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IPC Clinic: 'It takes a village'

In a nondescript building across the light-rail tracks on Colley Avenue in Norfolk sits Sentara Ambulatory Care Center, a facility offering free medical services to adults who are low-income, uninsured

from several healthcare disciplines – serving as an incubator of sorts for the future of caregiving. The program is called the Interprofessional Collaborative (IPC) Clinic. It is operated by students, and it has been improving lives for two years running. Twice a month the clinic opens its doors to

After a year of planning – which included development and practice sessions with standardized patients

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INTERPROFESSIONAL EDUCATION

(patient actors) – the IPC Clinic began operating once a month from noon to 4 p.m. for its first year. Now it runs twice a month (every other Tuesday) from 1 to 3:30 p.m. The clinic got its start through grant money for a collaborative effort between Old Dominion University and Eastern Virginia Medical School (EVMS).

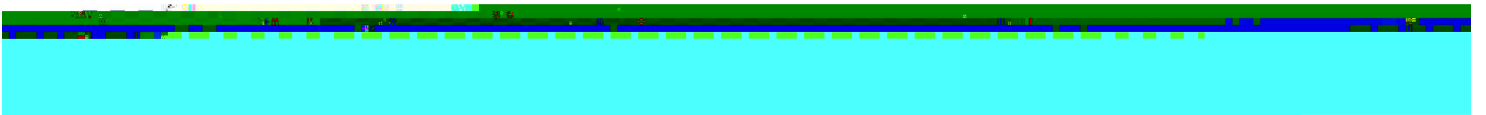
“This is truly a joint effort,” said Tina Gustin, one of ODU’s faculty spearheading the program.

“Some faculty are grant funded and some are volunteers. Some of the students that attend the clinic are doing so as part of a class, others # class, gg s part of a ce

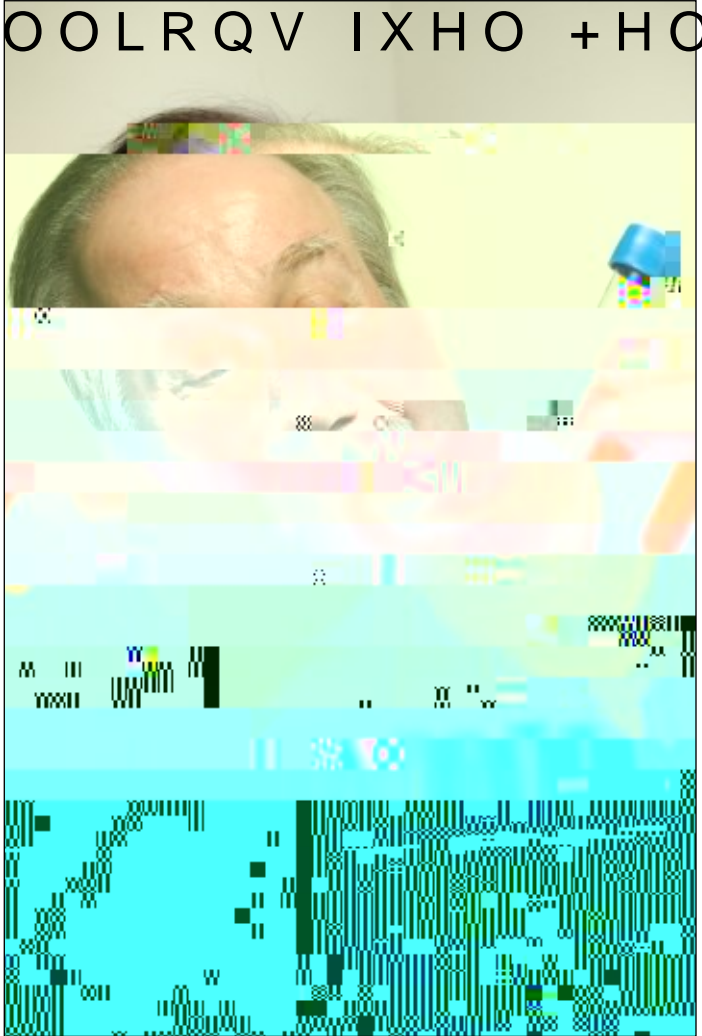
tients are seen,” Martin said. “I provide mentorship and guidance to the nursing students during their reports to the interprofessional teams and assist with organizational needs as they arise for the clinic overall.”

Among the considerations when addressing social determinants of health for the clinic’s patients are transportation, housing, oral health, physical needs such as mobility devices, obtaining food stamps and Medicaid.

Students participating at the clinic include EVMS students and family medicine residents, ODU family nurse practitioner students, adult gerontol



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Old Dominion University researcher Richard Heller, breakthroughs can happen in one billionth or one trillionth of a second. And if you lend him your ear, in a mild-mannered, disarming tone he can describe to the layman some of the intricacies of his life’s work.

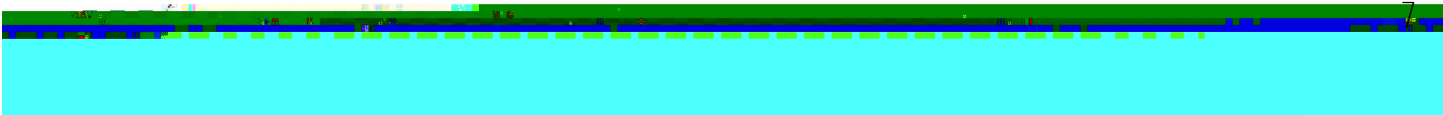
Heller, a professor and eminent scholar at the Frank Reidy Center of Bioelectronics, has been doing biomedical research at ODU for about a decade. One area of his research has been utilizing an electric field to destroy tumors.

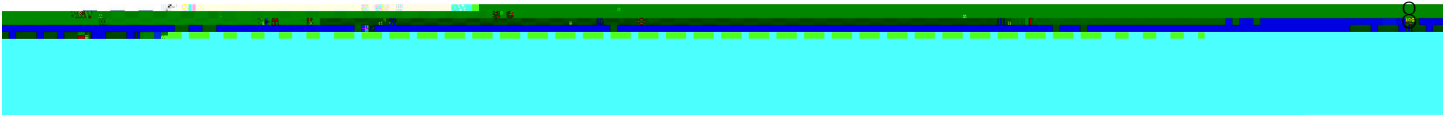
The Center of Bioelectronics lured Heller to ODU in the summer of 2008 and he has not only been moving the needle on research related to gene therapy for cancer and other diseases, but has attracted multimillion-dollar funding along the way. He currently has three of National Institutes of Health R01 grants – “Efficient Delivery of Plasmid DNA to Achieve Appropriate Transgene Expression”, “Thermal Assisted Gene Electro Transfer to the Skin” and “Controlled Delivery of Plasmid DNA via Low-Temperature Ion Deposition”– receiving about \$1.8 million, \$1.4 million and \$1.7 million respectively. He also was the 2018 recipient of the ODU Research, Scholarship, and Creative Achievement Award.

“The center is a multidisciplinary center, a university-level center where engineers, biologists, and physicists work together,” he said.

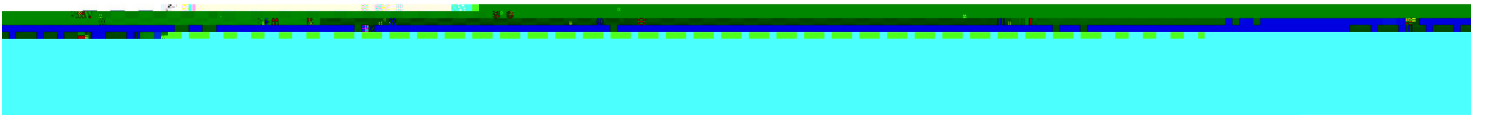
So how does some of his research work? Heller provides some insight.

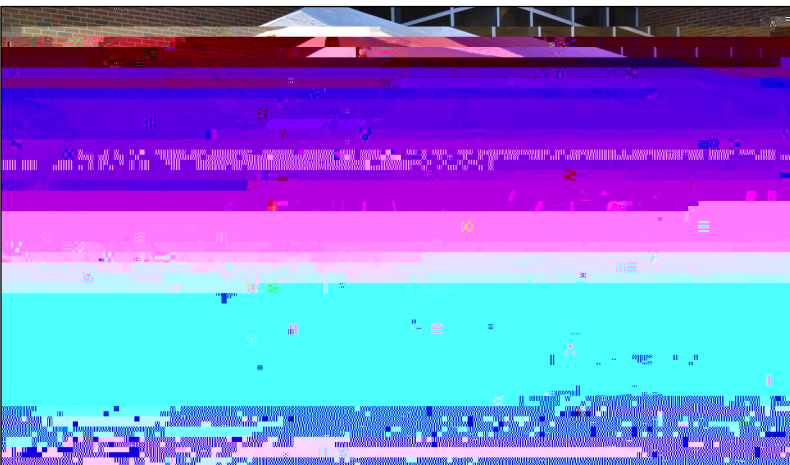
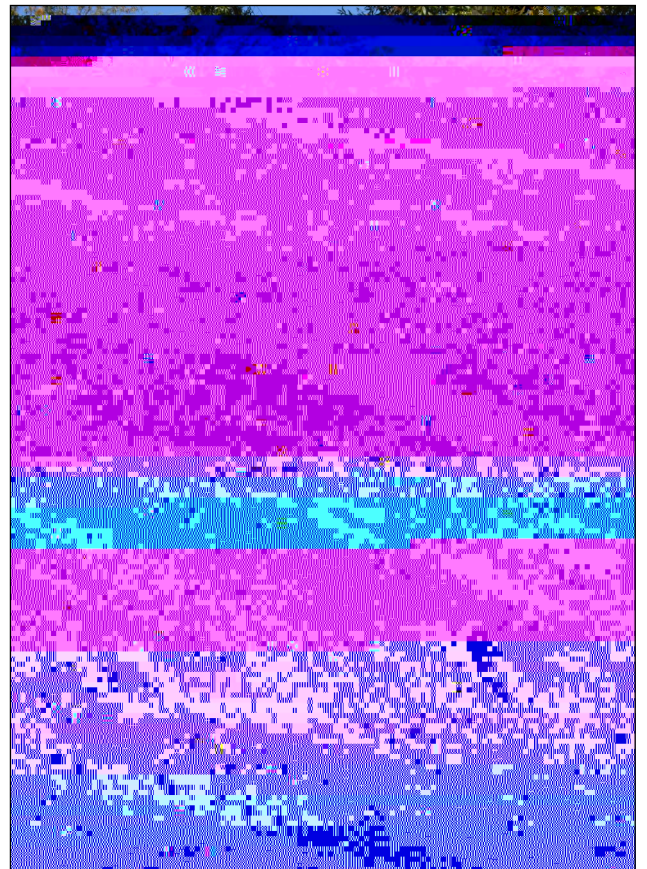
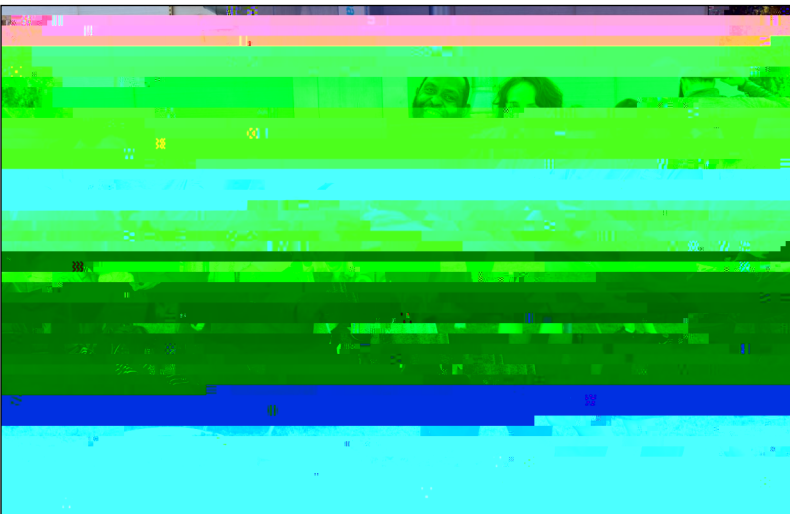
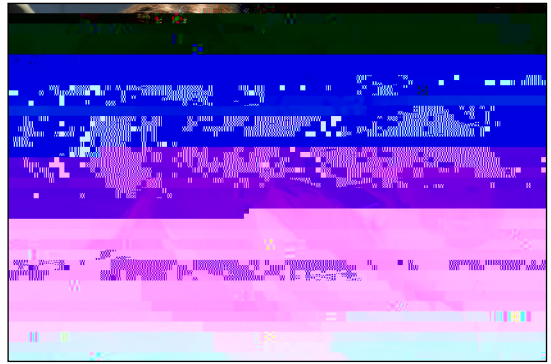
“All cells are surrounded by a membrane,” he said. “If you apply an electric field to the membrane, the mem-





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CALENDAR

December 2018

- Dec. 7 Fall Classes end
- Dec. 8-14 Final Exams
- Dec. 14 Student Honors and Awards, 6 p.m., Hampton/Newport News Room
- Dec. 15 Fall Commencement, 9 a.m. & 2 p.m., The TED
- Dec. 18 University Faculty & Staff Holiday Reception, Noon, Broderick Dining Commons

