



**MEDIA ALERT** | For Immediate Release  
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**SCIENCE CENTER'S NEXT CAFÉ SCI EXPLORES HOW COMPUTERS CAN FIGHT HIV**  
***NATIONAL INSTITUTES OF HEALTH BIOLOGIST DISCUSSES THE FUTURE OF THE FIGHT AGAINST AIDS***

**PITTSBURGH, September 18, 2017** — An estimated 2.1 million individuals worldwide became newly infected with HIV in 2015, including 150,000 children under the age of 15. Join National Institutes of Health computational biologist Michael Dolan as he explains how computers can be used to design antibodies against HIV that researchers can then test in the laboratory. Café Sci happens **Monday, Oct. 2** from **7-9 pm** at the Science Center.

Dolan's talk will provide details about how HIV infects cells, which portions of the virus are being targeted, and the various computational techniques used to combat the virus, including protein homology modeling, molecular dynamics, and protein-protein docking.

Dolan is Lead of the Biomedical Informatics Program at the National Institute of Allergy and Infectious Diseases, part of the National Institutes of Health (NIH) in Bethesda, MD. His research areas include using computational biology techniques to tackle infectious diseases such as HIV, influenza, Ebola, Zika, anthrax, and prions, as well as visualizing big data. Dolan received his graduate degree in biochemistry from North Carolina State University and an undergraduate degree from Pennsylvania State University.

Admission to Café Sci is free. Food and drinks are available for purchase. Doors open at 6 pm and the event lasts from 7–9 pm. The evening includes time for informal discussion, eating, and drinking with a cash bar.

For more information and to register, visit [CarnegieScienceCenter.org](http://CarnegieScienceCenter.org) or call 412.237.3400.

**About Carnegie Science Center**

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

**About Carnegie Museums of Pittsburgh**

Established in 1895 by Andrew Carnegie, Carnegie Museums of Pittsburgh is a collection of four distinctive museums: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. In 2016, the museums reached more than 1.4 million people through exhibitions, educational programs, outreach activities, and special events.

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