

## At Molloy dorms, new air-purification technology

By: Adina Genn October 27, 2020



Molloy College announced Tuesday that Siemens Smart Infrastructure has new high-tech ozone-free air purification systems in its residence halls.

The system, O2Prime NPBI, helps clean the air and provide an additional layer of protection from COVID-19 and other pathogens for students.

The system will cost about \$1 million to install into Molloy's HVAC systems. Paid for through CARES Act funding from a Town of Hempstead grant received this past summer, the system will be linked with individual monitor units in every residence hall bedroom.

Molloy will use CARES Act funding to support this project. The college received a grant from the Town of Hempstead in the summer. The grant reimburses Molloy for expenses that are "necessary expenditures due to the public health emergency with respect to COVID-19," according to the Act.

"This system is safe and will offer a reliable, long-term protection for our students and anyone visiting our residence halls from surface and airborne pathogens," Dr. James Lentini, Molloy's president, said in a statement.

"In addition to temperature kiosks in all our buildings and strict masking and hand sanitizing protocols for everyone, this system goes above and beyond in keeping everyone as healthy as possible," he said.

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"We are actively engaged in the collective effort to combat against this health crisis across New York State and on Long Island, and we could not be more pleased to support Dr. Lentini and his proactive team to bring Siemens resources and technologies to Molloy College to help protect and safeguard their college community," David Turner, Siemens regional manager of Smart Infrastructure, said in a statement.

“I salute Molloy College for taking the proactive step of treating interior air to minimize the potential of disease transmission,” John Cameron, managing partner of Cameron Engineering, the buildings design engineering firm, said in a statement.

Siemens, through its partnership with Sustainability Management Partners, has brought patented needlepoint bipolar ionization technology to the college, according to Molloy. The technology provides comprehensive building purification. Once it is installed in a HVAC system, it floods the air with a high volume of ions that reduce or eliminate airborne and surface contaminants such as pathogens – viruses and bacteria, mold and odors, leaving behind clean and healthy indoor air, providing Molloy’s leadership the confidence to bring the students back to campus.