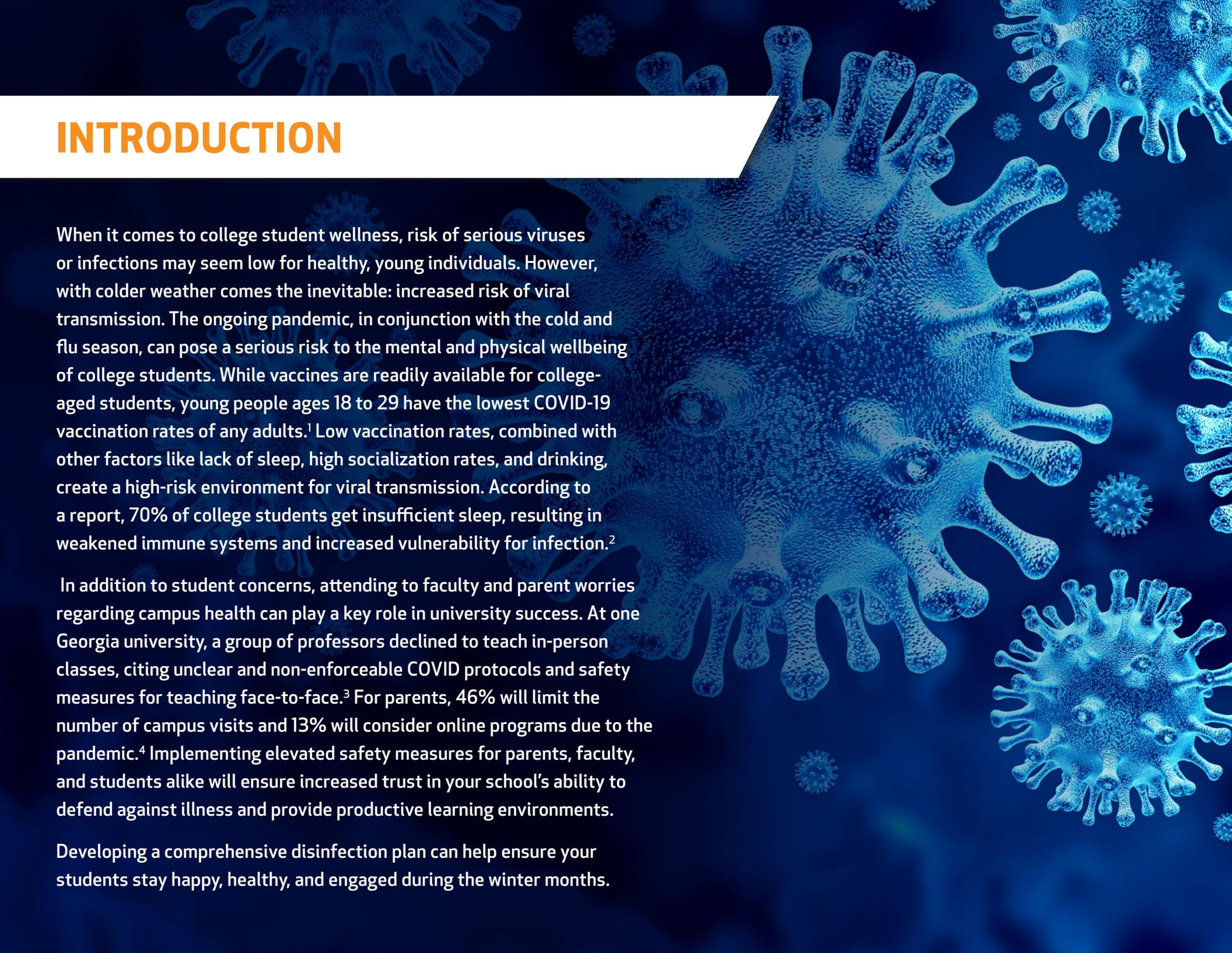




Maximize Campus  
Health and Safety  
with EnhancedFacility™  
and EnhancedClean™

# INTRODUCTION



When it comes to college student wellness, risk of serious viruses or infections may seem low for healthy, young individuals. However, with colder weather comes the inevitable: increased risk of viral transmission. The ongoing pandemic, in conjunction with the cold and flu season, can pose a serious risk to the mental and physical wellbeing of college students. While vaccines are readily available for college-aged students, young people ages 18 to 29 have the lowest COVID-19 vaccination rates of any adults.<sup>1</sup> Low vaccination rates, combined with other factors like lack of sleep, high socialization rates, and drinking, create a high-risk environment for viral transmission. According to a report, 70% of college students get insufficient sleep, resulting in weakened immune systems and increased vulnerability for infection.<sup>2</sup>

In addition to student concerns, attending to faculty and parent worries regarding campus health can play a key role in university success. At one Georgia university, a group of professors declined to teach in-person classes, citing unclear and non-enforceable COVID protocols and safety measures for teaching face-to-face.<sup>3</sup> For parents, 46% will limit the number of campus visits and 13% will consider online programs due to the pandemic.<sup>4</sup> Implementing elevated safety measures for parents, faculty, and students alike will ensure increased trust in your school's ability to defend against illness and provide productive learning environments.

Developing a comprehensive disinfection plan can help ensure your students stay happy, healthy, and engaged during the winter months.

## *Risks Infection Poses for Higher Education:*

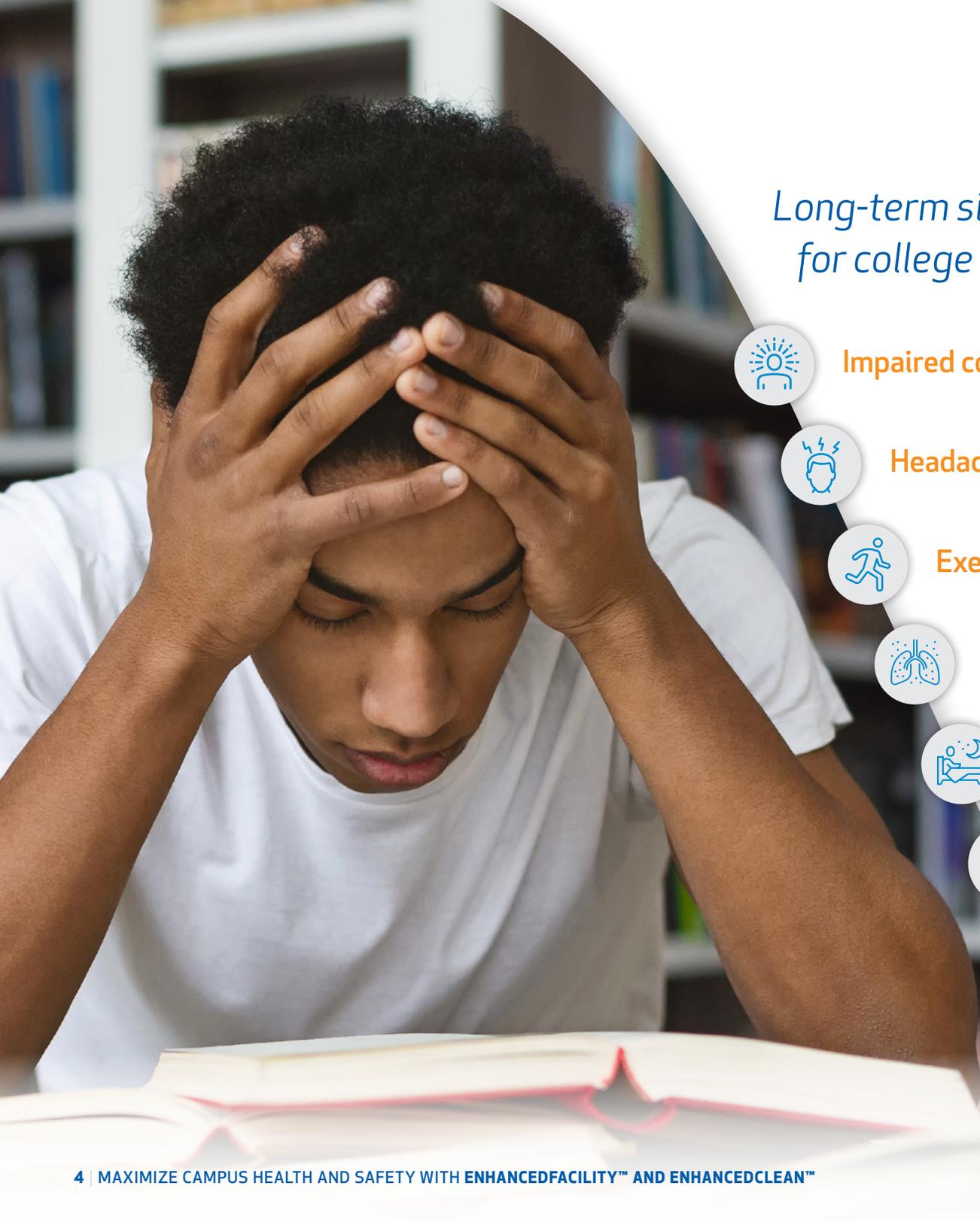
### MENTAL HEALTH

The pandemic-related transition from in-person learning to virtual sparked the beginning of a mental health crisis among college students. Since the pandemic started, **36.2%** of male students say they are experiencing anxiety, compared to **15%** prior to COVID. **53.8%** of female students say they are experiencing anxiety now, compared to **30.3%** before the pandemic.<sup>5</sup> Even just one case of COVID on your campus could result in student quarantine and the undesirable effects of anxiety, depression, and irritability.

### ACADEMICS

Extended isolation, decreased overall motivation, and virus worries were just some of the factors that lead to academic achievement plummeting over the course of the past year. **52%** of college students say they learned less in the 2020-2021 school year compared to pre-COVID years, with **47%** rating the value of their education as fair or poor.<sup>6</sup> An infection outbreak on your campus could lead to prolonged isolation, missed class time, and lower scores.





*Long-term side effects of COVID-19 for college students can include:<sup>7</sup>*



**Impaired concentration**



**Headaches**



**Exercise intolerance**



**Difficulty breathing**



**Sleep impairment**



**Brain fog**



**Appetite loss**

# How EnhancedFacility and EnhancedClean Can Help Defend Your Campus:

As temperatures dip, preparing a layered disinfection action plan that addresses ventilation as well as cleaning and disinfecting will play a key part in cultivating a safe, healthy learning environment.

## EnhancedFacility includes features like:



### HEALTHY BUILDING RISK ASSESSMENT

Before any program is implemented, an extensive assessment is conducted to identify IAQ challenges and recommend effective and cost-efficient solutions. The assessment starts with exposure risk categorization, followed by the prioritization of strategies and a report of fact-based, targeted solutions.



### HVAC SYSTEM OPTIMIZATION

Total building health starts with a high IAQ rating. Our EnhancedFacility program provides advanced HVAC retrofits like ventilation and humidity controls, disinfecting technologies, and optimal filtration, as well as portable, localized air purification solutions.



### DISINFECTING LIGHTING SOLUTIONS

New and advanced disinfection technologies like needlepoint bipolar ionization, dry hydrogen peroxide generation, and far-UV and UV-C lighting can help ensure indoor air quality is optimized for student and faculty health.



### HVAC PREVENTATIVE MAINTENANCE

Ongoing maintenance not only extends the life of your HVAC system by preventing unnecessary repairs, but also helps to save money on energy costs and promotes optimal filtration and disinfection.

## EnhancedClean includes features like:



### ELECTROSTATIC SPRAYING (ESS)

When used in tandem with an overall cleaning and disinfection program, ESS is proven to help create safe environments while decreasing the risk of cross-contamination. Through a pathogen droplet attraction method, ESS is key for disinfecting hard-to-reach areas and remote surfaces.



### FREQUENT DISINFECTION OF HIGH-TOUCH AREAS

High-touch school surfaces like desks, door handles, and light switches can be home to countless pathogens. Our certified disinfection specialists complete cleaning intervals that range from hourly to daily, depending on your schools' specific needs.



### INTERNAL AND EXTERNAL CERTIFICATION PROGRAMS

ABM utilizes internal and external certification programs to ensure absolute training comprehension and consistent delivery. Our ANSI (American National Standards Institute) accredited training programs ensure rigorous health protocols are met, newly adopted disinfection methods are properly executed, and client standards are exceeded.



### EVIDENCE-BASED TESTING (EBT)

Going beyond the visual assessment of cleanliness, EBT with adenosine triphosphate (ATP) can help maximize occupant safety and peace of mind through regular cleanliness measurements and data reporting.

To learn more about ABM Higher Education disinfection offerings, visit [HealthyFacility.com](https://www.healthyfacility.com)

#### Sources

1. [The Delta Variant Disrupts College Back-to-School Plans | TimelyMD](#)
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4. [Parents of College-Bound Students Claim COVID-19 and Costs Are Top Concerns | Eab.com](#)
5. [How COVID-19 Is Affecting Our Students | Association of American Colleges & Universities \(aacu.org\)](#)
6. [What worked and what didn't for college students learning through COVID-19 | insidehighered.com](#)
7. [New study finds young adults vulnerable to developing debilitating long-term complications from COVID-19 | World Socialist Web Site](#)

#### About ABM

ABM (NYSE: ABM) is a leading provider of facility services in the United States and various international locations. ABM's comprehensive capabilities include janitorial, electrical & lighting, energy solutions, facilities engineering, HVAC & mechanical, landscape & turf, mission critical solutions and parking, provided through stand-alone or integrated solutions. ABM provides custom facility solutions in urban, suburban and rural areas to properties of all sizes - from schools and commercial buildings to hospitals, data centers, manufacturing plants and airports. ABM Industries Incorporated, which operates through its subsidiaries, was founded in 1909. For more information, visit [ABM.com](https://www.abm.com).



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