

AtmosAir™ Solutions

# Case Studies

Technology to make the indoors  
healthier, greener and smarter





**Client** Harvard University

**Locations** Campus Wide

**Industry** Higher Education

**Facility Type** Various

## Overview

Harvard University, a global leader in research and education, has made indoor air quality (IAQ) a critical focus as part of its commitment to health, wellness, and sustainability. Harvard's landmark CogFX Cognitive Function Study, led by Dr. Joseph Allen and the Harvard T.H. Chan School of Public Health, leveraged Awair sensors to collect all IAQ data used in the study.

The CogFX findings became the foundation for the bestselling book "Healthy Buildings," co-authored by Dr. Allen, which has positioned him as one of the world's most recognized voices in IAQ. Building on this groundbreaking work, Harvard has expanded Awair deployments across its campus, creating one of the most comprehensive smart IAQ monitoring programs in higher education.

## Scope of Installation

Awair's intelligent IAQ monitoring solutions are now deployed across Harvard University's entire ecosystem, enabling continuous, real-time visibility into campus-wide air quality:

**Harvard University (main campus)** – 463 sensors

**Harvard School of Public Health** – 82 active sensors

**Harvard Business School** – 6 sensors

**Total Deployments:** 700+ Awair sensors across Harvard's schools and facilities

This large-scale implementation has created a data-rich smart campus, empowering researchers, facilities teams, and students with actionable IAQ insights.

## Objectives

### Advance Research Leadership

Provide high-quality IAQ data to support pioneering studies like CogFX and broader healthy building initiatives.

### Create a Smart Campus

Deploy networked IAQ sensors to deliver real-time monitoring and insights across diverse facilities.

### Support Health & Well-being

Leverage IAQ data to improve occupant health, cognitive performance, and environmental quality.

### Enable Scalable ESG Reporting

Provide transparent, actionable metrics for sustainability, wellness, and operational optimization.

## Impact

### Pioneering IAQ Research:

Awair sensors powered the CogFX study, validating the connection between air quality and cognitive function, influencing global IAQ standards.

### Global Thought Leadership:

Findings informed the bestselling book "Healthy Buildings," elevating Harvard's role in shaping the IAQ conversation.

### Smart Campus Transformation:

With 700+ sensors deployed, Harvard now maintains one of the largest continuous IAQ monitoring networks in higher education.

### Data-Driven Decision Making:

Facilities teams leverage real-time IAQ data to optimize ventilation, improve learning environments, and align with sustainability goals.

---

# Educational Institutions





## UCLA

UCLA has standardized on AtmosAir being included in all new and replacement AHUs.



UNIVERSITY NEWS

**UCLA named No. 1  
U.S. public institution  
by U.S. News & World  
Report for third  
consecutive year**



---

## **Northwestern University Kellogg School of Management**

AtmosAir is installed in various buildings on NU Campus including Ryan Fieldhouse & Walter Athletic Center and Kellogg Global Hub.





**University of Pennsylvania**





**University of San Diego**  
Knauss School of Business





## Texas A&M

AtmosAir is installed in many buildings at Texas A&M in College Station and affiliate TAMU campuses.





---

## University of Texas

AtmosAir is installed in multiple buildings at UT





**University of Colorado  
Ent Center for the Arts**

**AtmosAir installed in all AHUs.**





**University of Illinois Chicago**

**AtmosAir installed in all AHUs of  
new state of the art Computer  
Design Research and Learning  
Center opening in summer 2023**





---

## University of Virginia

AtmosAir is installed in various buildings at UVA.





University of Maryland

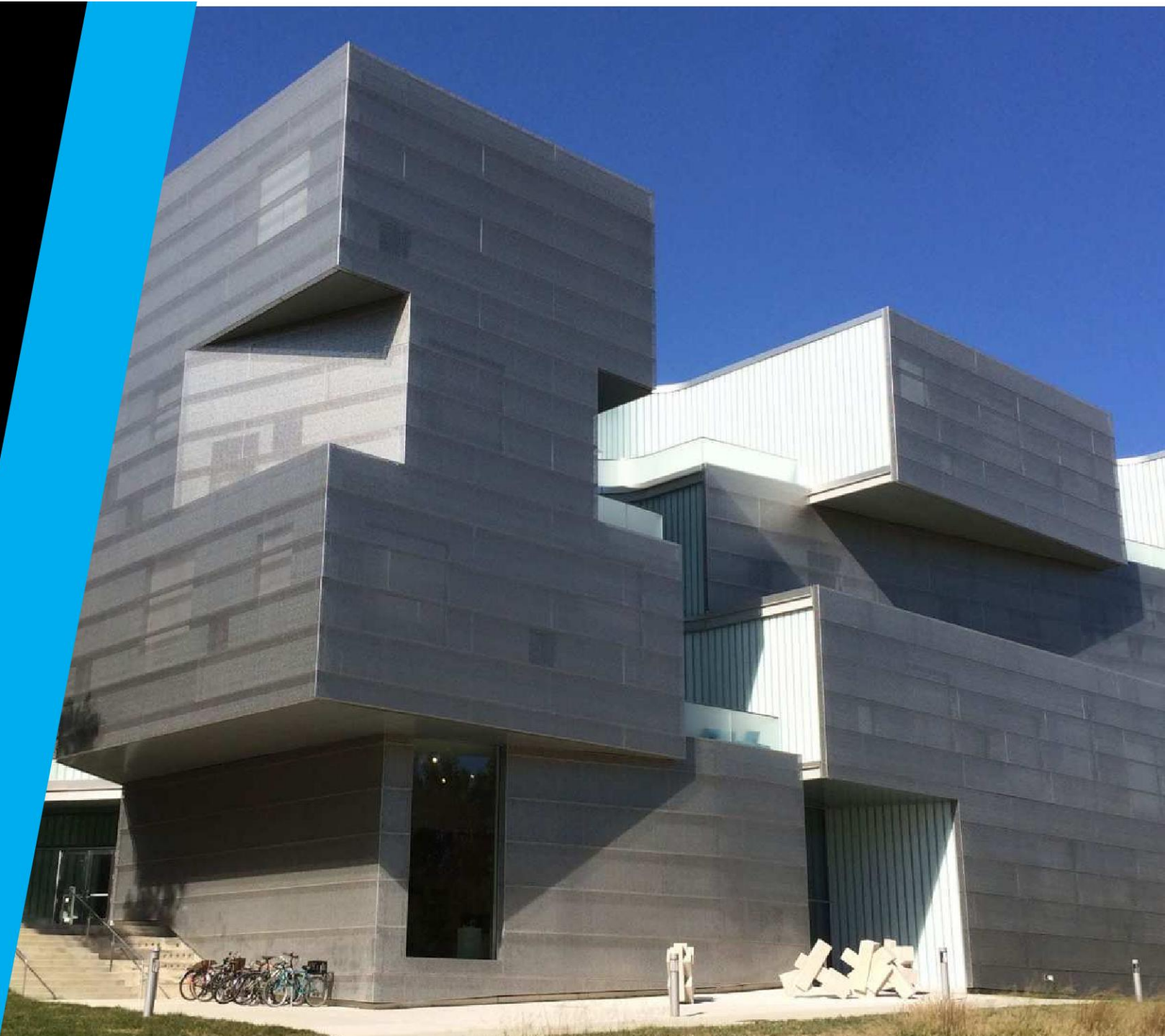
SustainableUMD





---

University of Iowa





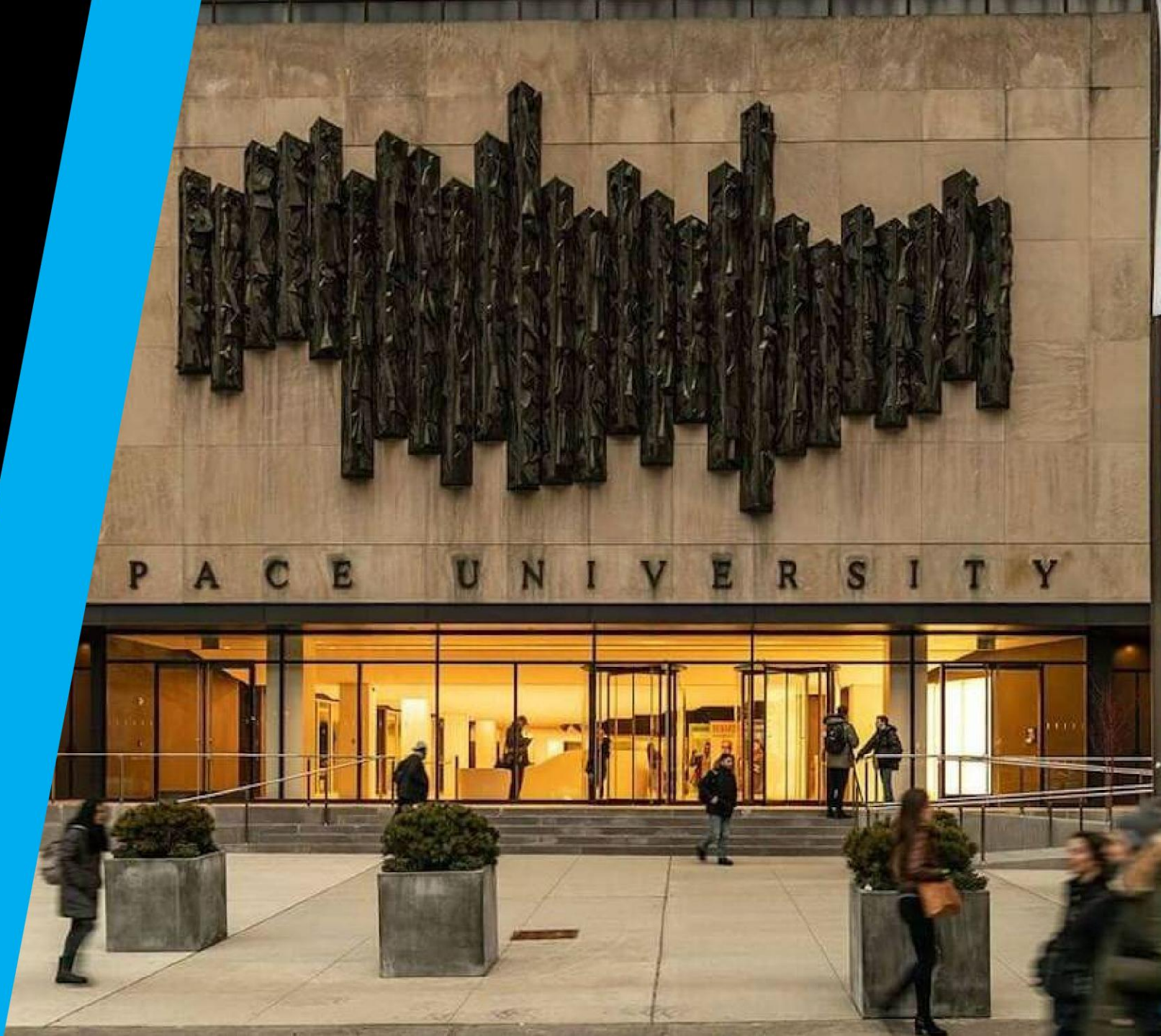
University of Alabama





## Pace University | NYC

AtmosAir is installed in various buildings at Pace





---

**Widener University | Philadelphia**  
AtmosAir is installed in various buildings at Widener

A photograph of a Widener University building and its sign. The building is a multi-story brick structure with a curved section and large windows. In the foreground, a stone wall features a blue sign with the text "Widener University" in white. A yellow fire hydrant is visible on the sidewalk in front of the building. The sky is blue with scattered white clouds.

Widener University



---

University of Vermont





University of British Columbia





---

University of Central Florida





SMU | Dallas, TX





## College of the Canyons





## Central Wyoming CC



### CWC ADDS ATMOSAIR SOLUTIONS TECHNOLOGY TO CAMPUS FACILITIES



CWC Main Campus in Riverton

Central Wyoming College has announced it has installed AtmosAir Solutions bi-polar ionization (BPI) indoor air purification technology to provide increased protection for community members, students, teachers, and staff.



## Tyler Junior College

AtmosAir installed in over 40 buildings on campus.





**University of North Texas | Frisco**





---

**Masdar Institute | Dubai**

