RIGHT THINGS IN
RIGHT THINGS OUT

Enhancing Safety and Security in a Changing World
Colleges and universities need to be prepared to face the reality that their students, faculty, and staff will be reluctant to return. Together, we will explore strategies to improve the academic experience through building system evaluation and operational decisions. We bring a diverse team of designers and architects, engineers, sustainability, and wellness focused professionals to help you navigate the return to your campus. The safety and security of your educational ecosystem is paramount.

For over 60 years, our teams have woven together empathic insights through our diversity of knowledge and expertise, in turn designing places that serve a multitude of changing educational needs.

"College presidents are unsure about what to do with their campuses in the fall, and uncertainty breeds anxiety." In fact, "many observers now predict that enrollments will shrink by 15 percent."

- Inside Higher Ed, May 2020
THE EDUCATIONAL ECOSYSTEM

**FACULTY**
Part-time/full-time mixture

**STAFF**
Office/Library
Food Service/Resident Life/
Maintenance Facilities

**STUDENT SUPPORT SERVICE**
Virtual Support Service

**OFFICE/CORE ROOMS**
Virtual Classrooms
Online Learning

**STUDENTS**
<24 = Reckless  Older = Responsible

**LABS/HoL**

**FOOD SERVICE**

**STUDENT LIFE**

**RES LIFE**

**ADMINISTRATION**
Enrollment
Safety
Quality
Brand
LIMITING RISK

Using a hierarchy of controls as a response framework, companies can take a range of actions - weighing the effectiveness and financial impact of each - to combat COVID-19 in their buildings.

Source: Adapted from Joseph Allen and John Macomber, HBR
PROCESS

LEARN FROM HOME

- (Lowest risk)

PREPARATION

- Building system analysis / Upgrades
- Operational decisions
- Cleaning/Sanitizing
- Ordering supplies
- Modifications, if needed

ESSENTIAL STAFF

- Only essential staff return

RETURN TO CAMPUS

- Physical separation
- Sanitizing
- PPE

BUILDING ENHANCEMENTS

- Improving occupant health
- Increasing value
**STEP 1 FIND RIGHT**
- Understand goals and desired outcomes for returning to campus
- Administrative alignment
- Research best practices
- Review policy / federal, state and municipal guidelines
- Evaluate existing building systems: mechanical, plumbing, and transportation
- RTI/RTO recommendations

**STEP 2 FRAMEWORK DESIGN**
- Develop implementation schedule — short term, mid term, long term
- Develop operational strategies — hours of operation, queuing, large events, limiting occupancy in spaces
- Create options for implementation in buildings by phase; refine and document
  - Develop strategies to use exterior space and campus assets
  - Present product options - cost and availability (hands free devices, sanitizer distribution, etc.)
- Document modifications to the base buildings
  - Building system enhancements and measurement tools (sensors)
  - Construction modifications
- Develop cleaning protocols
- Create communication plan / Change management

**STEP 3 MEASURE AND OPTIMIZE**
- Analyze results by phase — student/staff/faculty satisfaction surveys, utilization studies
- Recommend modifications to implementation based on previous phase results
- Collect building data from EMS, sensors
- Add healthy building enhancements to improve occupant health outcomes