



PRIVATE UNIVERSITY PRODUCTS AND NEWS

MAY 2020

PUPNMAG.COM

COMMUNITY ENGAGED WORK AT SPELMAN COLLEGE

**NURTURING STUDENT-ATHLETES
WITH EXCEPTIONAL FACILITIES**

**FINDING A SENSE OF BELONGING
IN CAMPUS FITNESS & REC CENTERS**

**PROTECTING OUR CAMPUSES
IN A POST-PANDEMIC WORLD**

**REMOTE WORK AND CAMPUS
NETWORK SECURITY**

**DOWNTIME IN SPORTS FACILITIES:
AN OPPORTUNITY TO IMPROVE SAFETY**

PUTTING PAPER IN THE PAST



You Deserve the
Cart that
Works for YOU!

ROYAL®
BASKET TRUCKS

www.royal-basket.com
800.426.6447



For nearly 40 years,
Royal Basket Trucks, Inc.®
has specialized in and committed
to providing top line cart
solutions and service you can rely on.





**“We love our
new space”**

**Why? We are passionate about
getting every detail right.**

Each classroom is made to order, customized with our complete line of power, data and charging products, secure CPU carriers that optimize knee space, and our patented flipIT® Concealed Monitor Mounts that transform computer workstations to standard desktops for multi-use methods.

800 770 7042 | www.smartdesks.com

HorizonLine® Computer Classroom Tables give:

- Ideal visibility throughout the space
- Ideal ergonomics for keyboard and mouse
- Ideal viewing angle and distance to screen
- Instantly converts from computer workstations to standard desktops for multi-use methods

SMARTDESKS®

where design meets technologySM

PERFORMANCE MATTERS



YOUR ATHLETES COUNT ON YOU.

**YOU CAN COUNT
ON RAMUC**

SPECIALTY POOL COATINGS



**TOP-QUALITY, SPECIALTY COATINGS
FORMULATED FOR BEAUTIFYING
AND MAINTAINING POOLS,
AQUATIC FIXTURES AND
POOL DECKS.**

FEATURES

22

NURTURING STUDENT-ATHLETES WITH EXCEPTIONAL FACILITIES

American cinema of the 1980s produced its share of unlikely heroes—Mikey Walsh and his team of misfits in *The Goonies*; a trio of middle-aged scientists who save New York City in *Ghostbusters*; a ragtag group of high schoolers who prevent WWIII in *Red Dawn*.



22

30

FINDING A SENSE OF BELONGING IN CAMPUS FITNESS & REC CENTERS

At the age of eighteen and as a college freshman, I moved to another state. I settled into an unfamiliar room in an unfamiliar dormitory, sharing it with an unfamiliar roommate. To the best of my ability, I navigated an unfamiliar campus. The students, the professors—they were all unfamiliar. I knew the city well enough, but never had I explored it on my own. That, too, was unfamiliar.



36

36

PROTECTING OUR CAMPUSES IN A POST-PANDEMIC WORLD

Here's what we know, but perhaps as valuable, also what we feel: The outbreak of the novel coronavirus has changed the world. It is a global, historical event, and we are living it. If the outbreak has taught us anything thus far, it's that none of us are impervious to the unthinkable.



44

44

REMOTE WORK AND CAMPUS NETWORK SECURITY

I enjoy sitting on my front porch with my laptop while doing research, especially in the spring and fall. Much of my dissertation was written while sitting on my porch with my dog beside me. The beauty of the neighborhood is calming, the breeze is refreshing, and my dog is a good listener.

COLUMNS



8

Cover courtesy of Spelman College

SPOTLIGHT / ON OUR COVER**08 COMMUNITY-ENGAGED WORK AT SPELMAN COLLEGE**

Dr. Michelle Bachelor Robinson, Director of the Comprehensive Writing Program and Assistant Professor of English at Spelman College, fiercely advocates for her pedagogical values: actively mentoring students, collaborating within the classroom and the larger community, and highlighting Black viewpoints and voices in all spaces.

HIGHER EDUCATION & COVID-19**14 DOWNTIME IN SPORTS FACILITIES: AN OPPORTUNITY TO IMPROVE SAFETY****FACILITY MAINTENANCE****18 PUTTING PAPER IN THE PAST**

EDITOR'S LETTER

Even in the face of a pandemic, the business of higher education still goes on. As we all know, though, on campuses of private colleges and universities, higher education is about far more than just business. When an institution is focused on Liberal Arts and/or working from a shared value system in their educational practices informed by their religious ties, they are distinct and unique.

Outsiders may imagine private colleges have the price tags they do because they are elite in a “snooty” way, but we know that’s not what the distinction is about. The entire approach to educating humans is often different from methods used at other types of educational institutions. The principles that guide their choices assume the educational process goes beyond a series of technical skills to be learned.

All educational communities are not created equal. Some are focused on efficiency and speed, sending students quickly through the hoops to get sheets of paper that proclaim they are qualified to fit their places in the industrial machine.

What’s beautiful about private education is watching your communities determine how best to flourish—focusing your energy in this “downtime” to improve campuses, ensure student safety moving forward, and plan for the future.

The fear being expressed, from those who know the value of this type of education, is that once the experience is designed to be a remote one that students may no longer see the need to show up in person. However, the richness and complexity of the college experience could never be duplicated online. This is not our new normal, and we would never let it be.

Remote instruction is not an either-or situation, though many faculty members have seen it that way in the past—suggesting any move to offer classes virtually was giving up on the type of quality education they claimed to offer, giving in for a cheap buck and caving to public demand.

Even at the public university where I worked twenty years ago, when I piloted the first online literature class on that campus, I faced the same fearful, angry reaction from some of my colleagues about what offering online instruction would mean for the future. Many refused to accept online instruction was an addition to what students could be offered—not a replacement.

For me, the question was always about how to best duplicate the classroom experience online, without sacrificing our educational principles. Either way, we are now at a place where we don’t have a choice; we have to gain familiarity with those tools, as best we can, and we have to do so quickly.

You may be one of those who has found yourself asking, “Is this a disaster or an opportunity?” The answer is simple: It only helps us to view it one way.

The students we’ve trained are many of the ones who are encouraging others through the fear right now—they are urging everyone to stay in a place of hope—to be curious, seek solutions, and find answers.

They will be coming up with brilliant ideas, because it’s what they do. They stay intellectually curious. They look for the blessings. They look for the opportunities for growth and renewal. It’s what we taught them to do.



Ed Bauer
Publisher
ed@pupnmag.com

Rachel James Clevenger, PhD
Editor-in-Chief
rachel@pupnmag.com

Lawrence Provenzano
Director of Client Development

Hilary Moreno
Creative Director

David Vinson, PhD
Head Staff Writer

Lisa Gibbs, EdD
Cynthia Mwenja, PhD
Staff Writers

Cassidy Clevenger
Circulation
circulation@pupnmag.com

Nik Ditzler
William Gagnon
Contributing Writers



PUBLISHED BY FLAHERTY MEDIA
PO Box 1903, Pelham, AL 35124
Toll Free: 800-705-5280
Fax: 855-239-8093

Rachel James Clevenger, M.Ed., PhD
Editor-in-Chief, PUPN MAG
Private University Products and News Magazine
rachel@pupnmag.com
205.706.4882



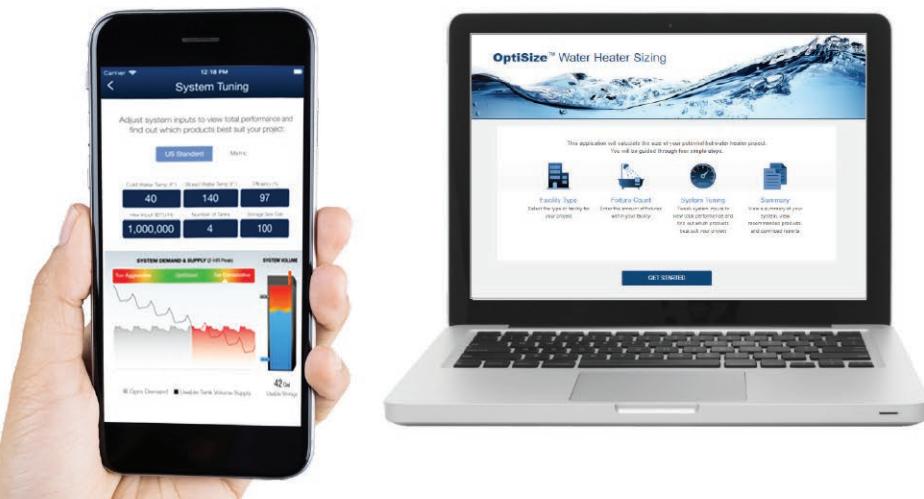
No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage-and-retrieval system without permission in writing from the publisher. The views expressed by those not on the staff of PUPN magazine, or who are not specifically employed by Flaherty Media, LLC, are purely their own. Comments and submissions are welcome, and can be sent to rachel@pupnmag.com.

Reaction. Power. Endurance.

Dynamic
Water Heating

Introducing Dynamic Water Heating™

A revolutionary water heating system design and application approach that features greater BTU input for quick reaction, an optimized storage buffer for extra power when needed, the benefit of high water turnover, and exclusive duplex stainless steel AquaPLEX® construction for unmatched performance and longevity.



OptiSize™ will help you select an optimally-sized water heater for your next project



800.784.8326 | pvi.com

©2020 PVI



Dr. Michelle Bachelor Robinson, Director of the Comprehensive Writing Program and Assistant Professor of English at Spelman College, fiercely advocates for her pedagogical values: actively mentoring students, collaborating within the classroom and the larger community, and highlighting Black viewpoints and voices in all spaces. By taking the lead in establishing partnerships between historically Black institutions of higher learning and nearby historically Black towns, she has created new opportunities for students and professors at a variety of institutions to participate in community-engaged work.

PROFESSOR SPOTLIGHT

Community-Engaged Work at Spelman College

Zora! Festival

As part of her push to mentor students and work within the community, Robinson joined with other professors and students to begin a support group for African American women at the university where she previously worked.

This group focused on supporting members as they developed proposals for conferences, journals, and books. Ever a mentor, Robinson also organized composition and rhetoric graduate students of all backgrounds in similar ways, and the panels she guided were routinely accepted at national conferences.

Robinson secured funding to take student presenters from the African American women's academic support group to the Zora! Festival of Arts and Humanities in Eatonville, Florida. This festival is the world's longest-running arts and humanities gathering celebrating the African diaspora. Festival Chair N.Y. Nathiri remembers being impressed by Robinson's contingent of students.

She credits Robinson for providing a model of academic mentorship that other colleges and universities now use in preparing student presentations. Nathiri says Robinson led by

example, energizing the festival's academics committee and paving the way for many more student presenters in the ensuing years. Festival organizers had been looking for ways to include students on an intergenerational scholarly path, but they had lacked a blueprint for developing student engagement.

By working within the African American women's support group to mentor students as they developed their presentations, Robinson provided that template for other colleges to emulate. Robinson now serves as one of the yearly festival's volunteer academic planners; according to Nathiri, this group is a "brain trust" of respected scholars from the Ivy League, HBCUs, and museums across the country.

Connecting Students to Residents

At the Zora! Festival, Robinson met Alberta McCrory, mayor of Hobson City, Alabama—the oldest Black municipality in the state. As part of the Historic Black Towns and Settlements Alliance (HBTSA), McCrory urged Robinson to begin community-engaged work in Hobson City.

Robinson began connecting her students to the Hobson City community, teaching a course

in oral history methodology by collecting oral histories from Hobson City residents.

In a rhetorical history class which usually included archival work, she worked alongside students as they began organizing and doing the work of creating a community-based archive for Hobson City from scratch. To extend the opportunities for her students, Robinson submitted a successful grant to the National Endowment for the Arts, funding a PhotoVoice project with young Black Hobson City women.

Dr. Margaret Holloway, Assistant Professor of English at Clark Atlanta University, is one of Robinson's former students and mentees who participated in the Hobson City initiatives; her doctoral research included information from the Hobson City oral histories and the PhotoVoice project. Holloway appreciates Robinson's mentorship, both in grad school and afterward, asserting that Robinson continues to share both academic and professional resources.

Holloway credits Robinson for helping her to secure and navigate her first tenure-track job: even when Holloway faced challenges, she says that Robinson "has been a light, reassuring me that things are going to be fine."



Expanding the Work

As the HBTSA wanted to duplicate Robinson's project in other communities, some historically Black colleges and universities (HBCUs) such as Tuskegee wanted to be university partners; Nathiri terms these relationships "natural alliances." Robinson secured a sizable grant from the Andrew W. Mellon Foundation earmarked for Community Archives of Historic Black Towns and Settlements.

This grant is designed to scale up her original partnership, targeting six HBCUs and Black town as collaborators in making the stories of these spaces accessible, transparent, and more widely known. Such work can help with an area's economic development. As Robinson says, "These spaces are cool—they just need someone to tell their stories and create visibility"—just as Eatonville, with the Zora! Festival, has told the story of Zora Neale Hurston.

Pivotal Leadership

Nathiri, who is also the Executive Director of Association for the Preservation of the Eatonville

I'd been advocating for this sort of pedagogy for years; I had become this sort of go-to person to speak up about including Black voices and creating classroom communities. At Spelman, I didn't have to make these arguments about why these choices are valuable. I don't need to justify my work, to explain why it's important anymore. — DR. MICHELLE BACHELOR ROBINSON

Community, says that the six projects funded by the Mellon grant provide another example where Robinson's leadership has been "pivotal."

These Mellon grant-funded partnerships—based in Alabama, Georgia, Louisiana, Mississippi, and Texas—focus on a variety of projects targeted at each individual community's needs, including community-based archival work, creation of an African American church trail, and other projects articulating the histories of these spaces.

Each partnership includes a faculty member, six students from a variety of disciplines, and a community member (usually the mayor); these representatives collectively orchestrate their local historic preservation project.

In addition to her work with the Mellon grant, Robinson now also serves on the HBTSA board as the Vice President for Education Matters. "In each of these settings, she is a respected leader. She will step up, and she will follow through," says Nathiri.



Writing as a Black Feminist

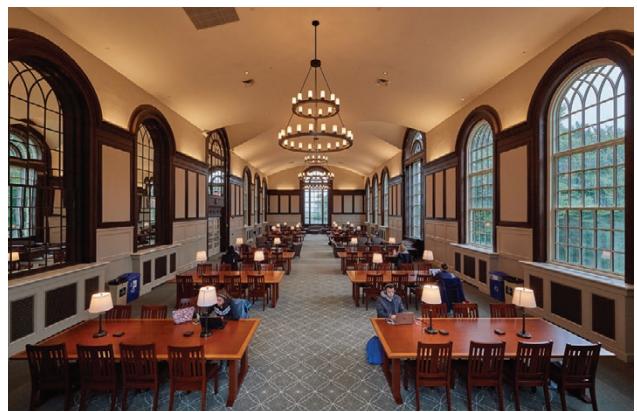
After taking her current position at Spelman College in 2017, Robinson has continued her mentorship, community-engaged work, and emphasis of African-American voices. In addition to first-year composition, Robinson often teaches a Black Feminist writing craft course in which the students address the question, “What does it mean to write as a Black Feminist?”

Part of Robinson’s job is to mentor instructors teaching who are not writing specialists because the program envisions writing as something the students continually build on. The program also functions to empower the advocacy work to which many of the students are committed.

As a long-time advocate of inclusivity and the value of African American rhetoric—as well as continually championing the value of works produced by Black writers and scholars—Robinson has been delighted with her work and colleagues at Spelman.

In other academic spaces, she says, “I’d been advocating for this sort of pedagogy for years; I had become this sort of go-to person to speak up about including Black voices and creating classroom communities. At Spelman, I didn’t have to make these arguments about why these choices are valuable. I don’t need to justify my work, to explain why it’s important anymore.”

Durable. Stackable. Elegant.



Custom made in the USA with a 20 year warranty

EustisChair.com
sales@eustischair.com



Ph: 978-827-3103
Fax: 978-827-3040

ADD DAYLIGHT & MULTIPLY THE “WOW” FACTOR

Lightweight / Easy-to-install /
Light Diffusing / Insulation Options /
Adapter Panels for Existing Framing /
Pre-assembled Options /
Custom Finish Colors

DAYLIGHT BENEFITS STUDENTS,
STAFF AND THE BOTTOM LINE!



SKYLIGHTS / CANOPIES / WALL SYSTEMS
MAJORSKYLIGHTS.COM
888-759-2678

In reflecting on her move from a primarily white, co-educational institution to Spelman, Robinson says that, for her, “Blackness and womanhood are part and parcel of one another”; she “moves through the world as an intersectional being.”

Putting the Personal into the Political and Practical

Not only does she revel in having colleagues with shared sensibilities, she relishes teaching classes full of Black women who are eager for mentorship, collaboration, and content focusing on African American rhetoric. Asia Reese, Spelman College third year student, is one of those students.

Robinson is her “Mellon mentor” for Spelman’s work with Hobson City, and she says that Robinson has helped her understand how community engagement can work in tandem with community development. Reese, who hopes to become a college professor herself, says she has learned a great deal from Robinson, both about Black history and about teaching.

As Reese says, “Dr. Robinson puts the personal into the political and the practical.”

Reese admires Robinson’s “maternal pedagogy,” noting that she will emulate Robinson’s habit of making “space for students to vent and to see how class content resonates in their lives.” Reese appreciates Robinson’s acceptance of her students as people; as she says, “Dr. Robinson lets my whole self show up.”

In reflecting on her move from a primarily white, co-educational institution to Spelman, Robinson says that, for her, “Blackness and womanhood are part and parcel of one another”; she “moves through the world as an intersectional being.” She notes that many Black feminists take issue with mainstream

feminism because it doesn’t always acknowledge the struggles of Black and other marginalized people.

At Spelman, however, she says that “the students I teach push for an acknowledgment of both things at the same time. All of my pedagogy is hinged on that. I’m a feminist pedagogue in terms of theory. In a typical class, I have lots of focus on community, and here, my students are already focused on community—I don’t have to drive that.”

Radical Inclusivity

Another welcome aspect of the move to Spelman is the college’s commitment to radical inclusivity. Even though female pronouns are standard at the women’s college, many students don’t identify themselves that way, and Spelman is a queer-inclusive space.

The entire administration, according to Robinson, is dogmatically inclusive. When students apply, they must be living and identifying as female, but students who transition to male after acceptance to Spelman are allowed to continue to graduation. These campus-wide commitments support Robinson in her efforts to create inclusive classroom communities.

On the National Stage

Robinson excels on the national stage in a number of arenas. She currently serves on the Executive Committee of the Conference on College Composition and Communication (CCCC); she is also the Membership Director for the CCCC Black Caucus, and she has received The CCCC Research Initiative Award.

Robinson co-edited *The Routledge Reader of African American Rhetoric*, and she has published in *The Alabama Humanities Review*, *Petho: Journal of the Coalition of Feminist Scholars in the History of Rhetoric & Composition*, and the *Journal of Social Work Education*.

In her work of pairing colleges and community partners, Robinson provides a model for all institutions of higher learning—to create classroom communities working in tandem with off campus groups, to help students explore the intersections of academic, social, political, and personal interests, and to continually strive to learn from people of many backgrounds.



Emergency Lighting for the reasons that matter most...

Life. Safety.



Find field-installable emergency solutions for almost any project at

1-800-866-4682 www.iotaengineering.com



MADE IN
USA

Bringing Campus Traditions to Light

With a 100 year history in traditional outdoor lighting, universities across America have chosen Sternberg Lighting for quality and sustainability. Sternberg's Old Town A850SRLED is an authentic vintage style acorn with heavy cast construction, providing controlled illumination and security. Our acorn lanterns are virtually maintenance-free, made with dent resistant polycarbonate and acrylic. Lighting controls provide on, off and dim functions for energy efficiency and extended product life.



SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED

800-621-3376 • www.sternberglighting.com

**FREE
BROCHURES**
Order On-Line:

www.SternbergLighting.com/promo





HIGHER EDUCATION AND COVID-19

by Nik Ditzler

Downtime in Sports Facilities: An Opportunity to Improve Safety

Unexpectedly empty gyms and sports fields have far-reaching impacts on the sports and education industries, but many facilities are choosing to invest their staff time in facility maintenance and improvements that are usually difficult to schedule around busy practices, game, public access, and non-sports schedules.

For facilities without a regular inspection program, this is an excellent time to start. Facility managers that do inspect their sports equipment can use the information in this article to improve or expand their process and records management. Identifying and fixing a minor issue now can prevent costly equipment replacement and reduce liability risk.

While ASTM International provides voluntary consensus standards for many products used in sports facilities, and while the Consumer Product Safety Commission (CPSC) also offers standards for playgrounds, there is no regulatory agency or inspection process in place for sports courts and fields, leaving facility managers and users to manage risk on their own.

The burden of improving safety often falls to officials, coaches, and parents, yet most

injuries occur during practices and unsupervised play. Facility managers can be proactive in preventing injuries and limiting liability by acting on the suggestions below and consulting with their insurance company.

Special Considerations for Ceiling and Wall-Mounted Equipment

Most manufacturers of these items will provide an inspection/maintenance form with their equipment, but if you are not purchasing new equipment or don't know the manufacturer of your existing equipment, you can contact me for templates to start your recordkeeping.

It is not uncommon for facilities to purchase locally fabricated equipment or to make post-sale modifications. If you are unable to find the manufacturer and age of your ceiling or wall suspended equipment, or any sports

equipment with moving parts, it would be wise to budget for new equipment as safety standards and liability requirements continue to change.

Periodically inspect your backstops and all related equipment and attachments. Frequency of inspections depends on use of the equipment. Below is a checklist to assist you in keeping a record of backstop inspections and maintenance.

Monitor the date inspected and the current status (satisfactory, cleaned, needs repaired or replaced, or problem found) for each of these items: Winch Drum, Winch Belt, Winch Attachment, Aircraft Cable, Safety Belt, Pulleys/Sheaves, Back/Front Braces, Side Braces, Jackknife, Ceiling Attachments, Wall Attachments, Cable Clamps, Backstop Clamps, Hangers, Y-Frame or Wall Structure, Height Adjuster, Goal, Backboard, Backboard Padding, Finish, and Nets.

Divider curtains also require a record of previous inspections and equipment repairs on each curtain to maintain function and safety. Store the data online or in a traditional binder that staff can access. Monitor the date inspected and the current status (satisfactory, cleaned, needs repaired or replaced, or problem found) for each of these items: Winch Belt, Winch Attachment, Aircraft Cable, Safety Lock, Ceiling Attachments, Wall Attachments, Cable Clamps, Curtain Clamps, Hangers, and Finish.

Ceiling and wall suspended structures should have a safety belt added in case of equipment failure and portable systems must have ballast installed properly. Padding on all surfaces subject to player contact should be replaced every ten years or more often if damaged.

Keeping a log of inspection dates and problems identified is important for safety and liability reasons. Look for frayed cables, loose bolts, weak welds, rough edges, or any excessive wear and tear, and bring any concerns to the facility owner's attention and follow up on suggestions.

Safety Padding

With active play comes the risk for head and limb injuries from hard or sharp surfaces. Invest in wall and stage padding and make sure the padding on all sports equipment, scorers tables, and bleachers is in good condition and properly installed.

Wall, stage, and any custom safety padding in your indoor and outdoor facilities also needs inspection, care, and cleaning on a regular basis to confirm it can still perform the important function of protecting players and fans.

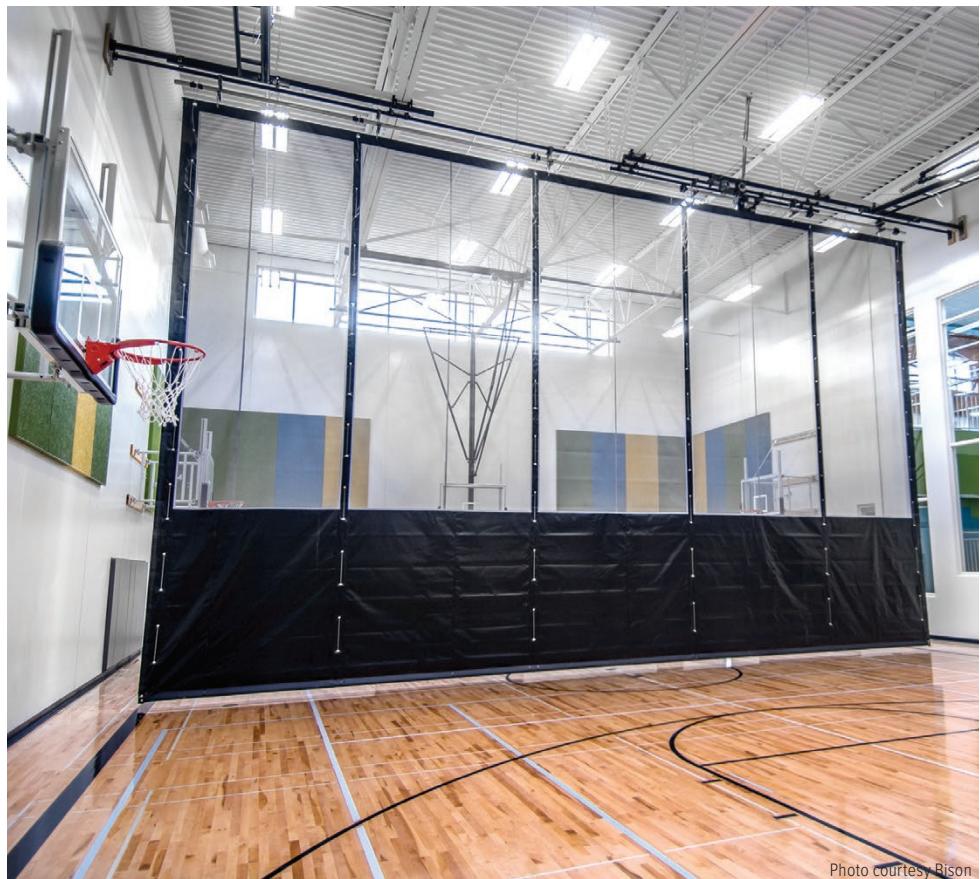


Photo courtesy Bison

Periodically inspect wall pads for proper attachment to wall surface. If fasteners appear to be loose or damaged, tighten, repair, or replace as required. The wall pad vinyl surface may be cleaned using a mild solution of 10% household detergent and warm water, or with a mild cleaning product such as Formula 409/Windex.

Test the cleaning solution on an inconspicuous area of the wall padding (e.g. side of pad) before trying on the original stain. Do not use harsh solvent type cleaners. Solvent type cleaners cause cracking, hazing and general deterioration of vinyl materials.

Wall padding systems protect players from virtually any surface from simple flat walls to columns, doorways and overhead obstructions, both indoor and outdoor and solid color or with full-color graphics.

With a wide variety of foams, fabrics, backing substrates and mounting methods, we will help you provide the padding system that best satisfies your program's needs. Manufacturers offer many indoor padding systems and padding upgrades including standard padding with polyurethane foam and vinyl covering, fire retardant or resistant padding with neoprene foam as well as varying thicknesses and treatments.

Volleyball

Most volleyball standards are heavy and awkward to carry and install in sockets. Consider replacement with competition-quality portables or lighter weight materials such as carbon fiber or aluminum to improve safety. Portables and freestanding portables are often the best solution for multi-purpose venues. Purchase wall brackets or carts to reduce the risk of injury during storage and transport.

Soccer

Fields must be level and free from obstruction for each practice and game. Goals should be commercially manufactured according to ASTM standards and must be installed with the proper ballast and anchors for the goal design. Most tip-over injuries occur during non-game times, so proper storage procedures, including net removal, are critical.

Football

To prevent injuries to spectators, bleachers should be labeled for safety concerns such as pinch points or sharp edges. Bleachers are subject to regulations by various local and state agencies, and older bleachers should be updated

or replaced if not in compliance. On the field, goalpost padding is replaced frequently but, goalposts often just require finish maintenance.

Equipment Storage

Many sports injuries occur during practice and, often, players are responsible for equipment setup. All balls should be safely off the floor in a cart or bag and larger equipment should be properly stored in specially-designed transport carts or attached to the wall. Safe lifting techniques as well as set up and tear down training should be provided for everyone.

Equipment Age

Generally speaking, commercially manufactured sports equipment is built to last, but the intensity of play and the popularity of unsupervised play is increasing the expected stress on equipment. Visually inspecting the static equipment may not be enough to identify serious safety risks, so observing the equipment in use is advised.

New equipment may be necessary if older equipment cannot be confirmed to meet current

standards or activity levels. It can't be denied that athletes are demanding more of sports equipment today than they were 25 or even 10 years ago, so purchasing new equipment from major manufacturers that continuously redesign equipment to meet changing safety requirements is recommended.

Reach Out

Sports equipment manufacturers have product design engineers that, in many cases, are continuously improving products based on customer feedback. Give them a call if you have any safety concerns. Also, keep a copy of all installation instructions on file and review them for installation tips and maintenance schedules, contacting the manufacturer with any questions.

Know the Facts

According to the most recent data from the CPSC regarding sports and recreational equipment injuries, basketball is responsible for an estimated 536,840 injuries annually, nearly twice the number as from playground equipment.

Football-related injuries were estimated to be 467,731, and soccer at 214,053. Volleyball and hockey each account for about 60,000 injuries per year, while the lacrosse, rugby, and miscellaneous ball games grouping accounted for nearly 90,000.

Organizations such as the National Collegiate Athletic Association publish standards that sports equipment is required to meet and there are many safety organizations that provide guidelines for specific items. Manufacturers should be able to advise which equipment is suitable for your intended purpose and are up-to-date on ASTM International technical standards.



ABOUT THE AUTHOR: Nik Ditzler lends his background in engineering, product design, customer satisfaction, and business development to Bison, Inc. and IPI by Bison as Director of Specified Products. Since 1985, this Nebraska-based company has manufactured sporting goods equipment for schools, park districts, rec centers and clubs. The author is available at nditzler@IPIbyBison.com or 800-637-7968.

Building or renovating a gymnasium?



Contact IPI by Bison at 800-637-7968 for custom ceiling and wall mounted basketball backstops, divider curtains, wall padding and gym accessories. IPI projects include quality Bison sports equipment!



NEW!

2020-21
www.IPIbyBison.com
800-637-7968

MADE IN
AMERICA

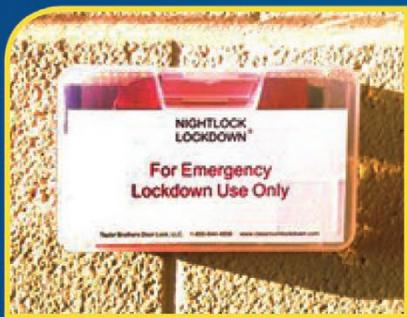
**THE EXCLUSIVE NFHS PARTNER
FOR THE SPORT OF BASKETBALL**

BISON®

Frontier Wilkins, Pats Patriots, TIGERS TIGERS, CECE

NIGHTLOCK[®] LOCKDOWN

SECURE CLASSROOM IN SECONDS



SIMPLE • FAST • SECURE FOR EXTREME EMERGENCY SITUATIONS

The Nightlock Lockdown Door Barricade allows a teacher to immediately lock the door from inside the classroom, eliminating exposure during a hostile intruder situation. This device makes it virtually impossible for an intruder to break through an entry door.

- Simply add this safety device to classroom doors
- Works with outward and inward swing doors
- No need to replace existing hardware
- One time solution - easy to install
- Lockdown in seconds

So
affordable!
**\$59.95
ea.**



NIGHTLOCK
classroomlockdown.com
CALL TOLL FREE 1-855-644-4856



FACILITY MAINTENANCE

by William Gagnon

Putting Paper in the Past

Imagine it like a prize fight: paper towels vs. hand dryers for the high-speed, energy-efficient, cost-effective, hygienic hand-drying championship of the world. The fact is, when it comes to an eventual decision about the way to dry hands after washing, it's not much of a contest. Across the globe, higher education facilities of every size and function are choosing to throw in the towel—so to speak—replacing paper with electric, high-speed, energy-efficient hand dryers.

Then, once they've decided to go with this hands free, hands-down, wiser choice, today's facilities have more options than ever for the most-effective hand-drying solution for their restroom environment.

Hygienic Benefits

Without exception, the best hand dryers must help promote a clean and healthy restroom environment. All dryers in the expanded and enhanced product line do so by their very design, which is a no touch, sensor-activated, hands-under style.

This is in stark contrast to trough-style hand dryers, which catch and hold water

blown off users' hands, leaving pools of stagnant water in the collection area where bacteria can grow.

Another standard feature of these three signature dryers is an easily removable, washable metal mesh pre-filter. This important safeguard not only promotes a hygienic environment but helps protect the dryer's motor, resulting in more reliable performance and a longer life span.

For even greater protection, facilities can spec their dryers with a HEPA Filtration System which has been independently tested and proven to remove 99.999 percent of viruses from the airstream.

Sustainability

Most institutions of higher learning today strive to “think green” in their purchase decisions. As installing high-efficiency hand dryers can help facilities qualify for certifications to achieve corporate and government sustainability goals, this is a significant reason many make the switch.

Some people erroneously believe that paper towels, especially if they’re made from recycled fibers and contained in a manual (nonelectric) dispenser, represent the most eco-friendly hand-drying solution available.

They may be surprised to learn that certain high-speed, energy-efficient hand dryers reduce the carbon footprint of hand drying by up to 75 percent, when compared to even 100-percent recycled paper towels, and helps facilities qualify for the most LEED® v4 credits of any hand dryer in the industry, as confirmed by a peer-reviewed (per ISO 14040 standards) Life Cycle Assessment.

Life Cycle of a Towel

Though a paper towel may seem harmless compared to a powerful dryer, we need to think about the life cycle of that towel:

While greener than in decades past, the processes necessary for paper’s initial production (even using recycled materials), transportation and manufacture still expend considerable energy and impact the environment.

“Recycled” does not mean “recyclable.” Once used, even those 100-percent recycled paper towels are headed for the landfill.

Further, with the endless need to restock the towels, and in recent times, unavailability of the product, the considerations above need to happen again and again. A single investment in high-efficiency hand dryers puts a stop to this resource-draining loop for good, not the least of which includes maintenance and handling.



LIVE design group
architecture | interiors | third places
LIVEdesigngroup.com
205.870.3090

You'll Love What's Inside.



FIRESAFE20

Special-Lite offers you the durability, safety, and reliable performance of our exterior doors, now in a 20-minute fire-rated interior door. More durable than wood, plastic laminate, and other less resilient materials, FireSafe20 doors offer you longer life and less maintenance while looking beautiful. Perfect for your dormitories, recreation areas, janitorial storage closets, restrooms, and mechanical rooms; FireSafe20 doors complement the design of your building while adhering to Life Safety Code requirements.

**Bringing the dependable performance
you love to the interior.**

special-lite.com/fs20



Touchless Hand Hygiene

Touchless hand hygiene solutions eliminate the multiple unnecessary touch points that come with using paper towels as a drying method including handling during their manufacture, shipping, storage, restocking and then, once used, the germ-laden waste removal. By reducing touchpoints, the risk of germ transfer is likewise reduced.

Also available are anti-microbial Wall Guards, made specifically to fit underneath the dryers, which have a special coating that protects walls from water droplets and inhibits the growth of mold, mildew and microbes. According to the Alliance for Water Efficiency (AWE), paper towels are the most common cause for clogged toilets, which can create a lasting source of bacterial exposure if dirty water gets on the floor.

Even simpler than these dryers' defense against microorganisms is their inherent ability to create a visibly cleaner environment. Where there are no paper towels, there is no paper towel waste.

Where there is no paper towel waste, there are far fewer messes for custodial staff to have to address. Even if paper towels manage to avoid the toilet, they're often soaked in sinks and scattered all over the floor. Hand dryers don't just reduce the labor, maintenance and waste all this causes. They eliminate it.

What's more, employees and staff won't be the only ones to appreciate your mess-free restroom. Since the conditions of a facility's restroom directly reflect the facility's standards and even its values, your students, visitors or guests will kindly thank you for the (near-effortless) upkeep.

Cost Savings

Imagine a sanitary hand-drying solution that requires no supplies and no extra services. That's just what you get in a well-made, high-efficiency hand dryer—with a dramatic drop in restroom expenses to show for it.

Institutions—those housing both paper towels and older hand dryers—will enjoy a cost savings in multiple areas with the installation of the right product. In addition to the plummet in expenses associated with labor, maintenance, supplies and waste removal, these facilities may note a welcome decrease on their utility bills: The original high-speed, energy-efficient hand dryer expends 80 percent less energy than conventional hand dryers.

Considering these facts, it stands to reason that this dryer has proven a typical return on investment of less than one year.

So, for those who enjoy a good, neck-and-neck sparring match, you won't find one here; it will always be an easy victory for the high-speed, energy-efficient hand dryer. This is one sustainable solution that prefers to keep it clean.



ABOUT THE AUTHOR: William Gagnon serves as the vice president of marketing and sales at Excel Dryer, Inc., the manufacturer of the original, patented, high-speed, energy-efficient and EPD certified XLERATOR® Hand Dryer.

The Best Just Got Better.



**50% LONGER LIFE.
INDUSTRY LEADING
7-YEAR WARRANTY.
ZERO INCREASE IN PRICE.**



Make An Educated Choice.
.....
SAVE 95% OVER PAPER TOWELS.

TIME TO THROW IN THE TOWEL®

800.255.9235
EXCELDRYER.COM



NURTURING STUDENT-ATHLETES WITH EXCEPTIONAL FACILITIES

by David Vinson, PhD

American cinema of the 1980s produced its share of unlikely heroes—Mikey Walsh and his team of misfits in *The Goonies*; a trio of middle-aged scientists who save New York City in *Ghostbusters*; a ragtag group of high schoolers who prevent WWIII in *Red Dawn*.

But there is something uniquely unforgettable in Thornton Melon’s “Triple Lindy” dive that wins for the fictitious Grand Lakes University the championship dive meet, thereby affirming Thornton’s transformation from a philandering man-child to that of, well, a redeemed man-child.



I'm referring to *Back to School* starring Rodney Dangerfield as Thornton Melon, and the dive—the “Triple Lindy”—is the stuff of legend, at least within the “reality” of the film itself. We are told that a much younger Thornton completed it during his original college days; and in the climactic scene, he has now returned in the pear-shaped figure of Dangerfield to attempt it once more.

The dive, which defies physics as well as all common sense, involves a sequence of flips (forwards, backwards, and sideways) between a total of three diving boards, and concludes with Dangerfield’s body positioned vertically and in perfect form as he hits the water with hardly a splash. The scene is unabashedly ridiculous, but part of what makes it so fun is that we relate as viewers to the appeal of witnessing first-hand a sporting miracle. Such moments, because they are so rare and unexpected, unite us all in celebration—and indeed, the crowd’s reaction to the winning dive is exultant. It is a fitting climax to a film that’s generous with memorable comedic gags.

Habits of Body and Mind

I wonder what student-athletes would make of the diving scene, given that Dangerfield was in his mid-60s during filming, and that he was—and

let’s be gentle here—not in the best of physical shape. I imagine most would enjoy the film for the silly entertainment that it is, but I wouldn’t blame them for rolling their eyes at the fantasy that Dangerfield’s character could pull off a feat requiring such endurance and athleticism.

Student-athletes know what it takes to be great, and talent alone—even a “Triple Lindy” level of talent—offers little guarantee in the universe of competitive sports, and for the most obvious of reasons: not all student-athletes can be the best at what they do.

Student-athletes are deeply committed to habits of body and mind, and these are managed day by day with disciplined adherence to nutritional plans, exercise routines, and the study and practice of their craft. The smallest of differences in attitude and practice can be the difference between first and second place. Let’s also not underestimate the role that exceptional athletic facilities play in helping our student-athletes reach their potential.

At private universities and colleges across the country, student-athletes rely on campus-based athletic facilities to maintain a level of health in mind and body that’s necessary to excel in competitive sports.

Vanderbilt University’s Hawkins Field

For a student body of approximately 13,000, the athletic facilities of Vanderbilt University are staggering. Taken together, the full range of available facilities reflects the essential role of athletics, not only at the university but also, more broadly, as a unifier within the city of Nashville. It is fitting that the campus is located in the heart of Nashville, only 1.5 miles from downtown.

As the only private institution in the Southeastern Conference, Vanderbilt University has maintained its high level of competitiveness with stellar athletics facilities that empower student-athletes while also meeting the demands of a region that’s simply crazy about sports.

Hawkins Field is but one example of the institution’s stellar athletics facilities. As one of the top college baseball parks in the country, Hawkins Field offers a classic baseball park atmosphere with its brick and rod-iron design, and yet it is also enhanced by modern innovations. These include a state-of-the-art press box, and all fans can enjoy chairback seats close to the field of play. The field itself is first-rate, both preventing bad hops and promoting great defensive play from infielders and outfielders alike.

NO WAX SHEET RUBBER FLOORING



- Excellent for auxiliary gyms & multi-purpose rooms
- No wax / high shine
- Soft underfoot
- Will not shrink
- Available in over 60 colors

*For more information
visit our website at
www.mussonrubber.com
or email us at
info@mussonrubber.com*



MUSSON RUBBER CO.

P.O. Box 7038 • Akron, Ohio 44306
800-321-2381 • Fax 330-773-3254
info@mussonrubber.com • www.mussonrubber.com

In 2009, permanent bleacher seating was added in the outfield, and a new trainer's room was created along with renovated dugouts. The latest enhancement, completed prior to the 2018 season, saw the construction of a 30,000-square foot facility with a tech-ready classroom, cardio room, fueling station, new and expanded weight room, current and pro player locker room, recruiting area, as well as coaches' and staff offices.

Graphics that highlight the Vanderbilt Commodore's rich history adorn the walls throughout. The enhancement also included moving the team's batting cages to a below-ground level.

Big-Time Athletic Facilities at Grinnell College

Located in Iowa, Grinnell College is home to the Charles Benson '39 Recreation and Athletic Center, which is the centerpiece of Grinnell's Pioneer Athletics. On the basis of the vast and impressive Benson Recreation and Athletic Center, one would never guess the intimate enrollment size at Grinnell (approximately 1,750). But there can be little doubt that athletics is integral to Grinnell's identity, since nearly one-third of its recent graduates participated in at least one of the institution's varsity sports.

The Benson Recreation and Athletic Center contains the 1,250-seat Darby Gymnasium, home to the men's and women's basketball and volleyball teams; a 500-seat natatorium with a 50-meter pool and moveable bulkheads; a six-lane 200-meter fieldhouse with seating for 400; an 8,000 square foot fitness center with cardiovascular and strength equipment; an auxiliary practice gymnasium; classroom and practice space; climbing and bouldering walls; racquetball courts; locker rooms; equipment rooms; and a concession lounge with wireless Internet access.

The considerable potential of student-athletes is nurtured at Grinnell, and the institution's commitment to athletics has even translated to recognition at the national scale. In 2005, for instance, Grinnell became the first Division III school featured in a regular season basketball game by the ESPN network family when it faced off against the Beloit Buccaneers on ESPN 2.

Texas Christian University's Amon G. Carter Stadium

Texas Christian University is known for its exciting, high-scoring brand of football. The

home of the Horned Frogs' football program is the Amon G. Carter Stadium, which has undergone multiple enhancements since its original construction in 1930. Most recently in 2012, the stadium benefitted from a massive upgrade, all funded by donor support.

The primary goal of the upgrade was to transform the historic Fort Worth stadium into the "Camden Yards" of collegiate football stadiums. The results have been transcendent thus far, not only helping with the recruitment process of top student-athletes around the country, but also providing current student-athletes with amenities designed to cultivate their considerable potential.

In the context of enhancing athletic facilities, perhaps not enough attention is assigned to the impact that the persistent roar of a crowd can have on the student-athletes themselves.

With the newest renovations, Amon G. Carter stadium now has a seating capacity of 45,000. It is a loud and joyous environment, and the student-athletes on the playing field are surrounded by admiring and supportive fans, all connected in various ways to the TCU community.

Need Specialty Doors/Fixed Window Systems?



Acoustic

- Metal Swinging Doors
- Metal Sliding Doors
- Wood Swinging Doors
- Fixed Window Systems



Blast

- VLRB, LRB, and MRB Series
- High-Range Doors & Windows
- Pressure-Resistant & Watertight Doors
- Radiation Shielding Doors



Vault

- GSA Certified
- DOS Certified
- Attack-Resistant
- Day Doors
- Day Gates



Bullet

- Metal Swinging Doors
- Wood Swinging Doors
- Fixed Window Systems
- Pass-Throughs
- Gun Ports
- Voice Ports

OVERLY
DOOR COMPANY

Phone: 1-800-979-7300 • Fax: 724-830-2871 • E-mail: overly@overly.com • Web: www.overly.com

The fan experience has been improved with upgraded and new concession stands for swifter access and reduced waiting times; newly-implemented elevators and escalators better facilitate stadium accessibility and crowd flow; men's and women's restrooms have been both upgraded and added; suites, club seating, and lounges

are also now available on the west side of the stadium. A newly added press box allows for more comfortable working quarters for those reporting on the games, as well. Throughout the Amon G. Carter stadium is an aesthetic of Southwestern art deco, and this extends to the new suites and lounges. Also integrated into the stadium are the

University colors of purple and white, which adorn stadium signage and other brand-related graphics.

That the north concourse also mirrors the south concourse creates a unified visual experience for fans, one no doubt enhanced by their ability to see the field while walking through either concourse.

Conditioning with Improved Practice Fields

As a figurative extension of the Amon G. Carter Stadium, the practice fields of TCU have also been enhanced, and with the foremost goal of better preparing student-athletes for gameday.

Two practice fields now use a natural turf, which is a version of Bermuda grass designed to endure the Fort Worth weather. The appearance of each are akin to that of a manicured putting green. The new practice fields also include a synthetic turf area with blocking sleds, which protect the natural grass from being torn up and turning into mud.

The biggest improvements have targeted past drainage problems, in which the practice fields have struggled to drain following heavy rain. The new fields include layers of gravel and sand that allow for rainwater to drain into a massive drainage system.

Student-athletes can now practice on a relatively dry field not 30 minutes following a storm. This alleviates any concern about practicing outside, and coaches fully understand the gameday value of their players adapting to the harsh Texas sun.

Ambitious Enhancements to Athletic Centers

Across the country, private universities and colleges are transforming their athletic centers with ambitious and innovative enhancements.

Not only are institutions such as Vanderbilt, Grinnell, and TCU doing everything possible to better prepare student-athletes for the rigors of competitive sports, but they are also vastly improving gameday experiences for fans.

Collegiate sports cast a light on the exceptional talents of student-athletes, all the while unifying communities that celebrate the joy of simply being together, and in the hope, perhaps, of witnessing the miraculous.

ELIMINATE RISKS WITH THE MAT THAT STICKS

YOUR PROBLEM

He ambles in with eyes glued to his mobile phone, unaware of the wrinkled rug inside your door. A face plant about to happen? Stop holding your breath — eliminate the risk with Grippy® Mat.

Grippy Mat is the **proven** safe floor solution that virtually eliminates slips, trips and falls when used as part of a floor safety program.

It's not magic. It's super-safe **Grippy Mat — the world's FIRST adhesive-backed mat.**

Only from New Pig and our fine distribution partners.

pig GRIPPY® FLOOR MAT
NO SLIP. NO TRIP. ALL GRIP®

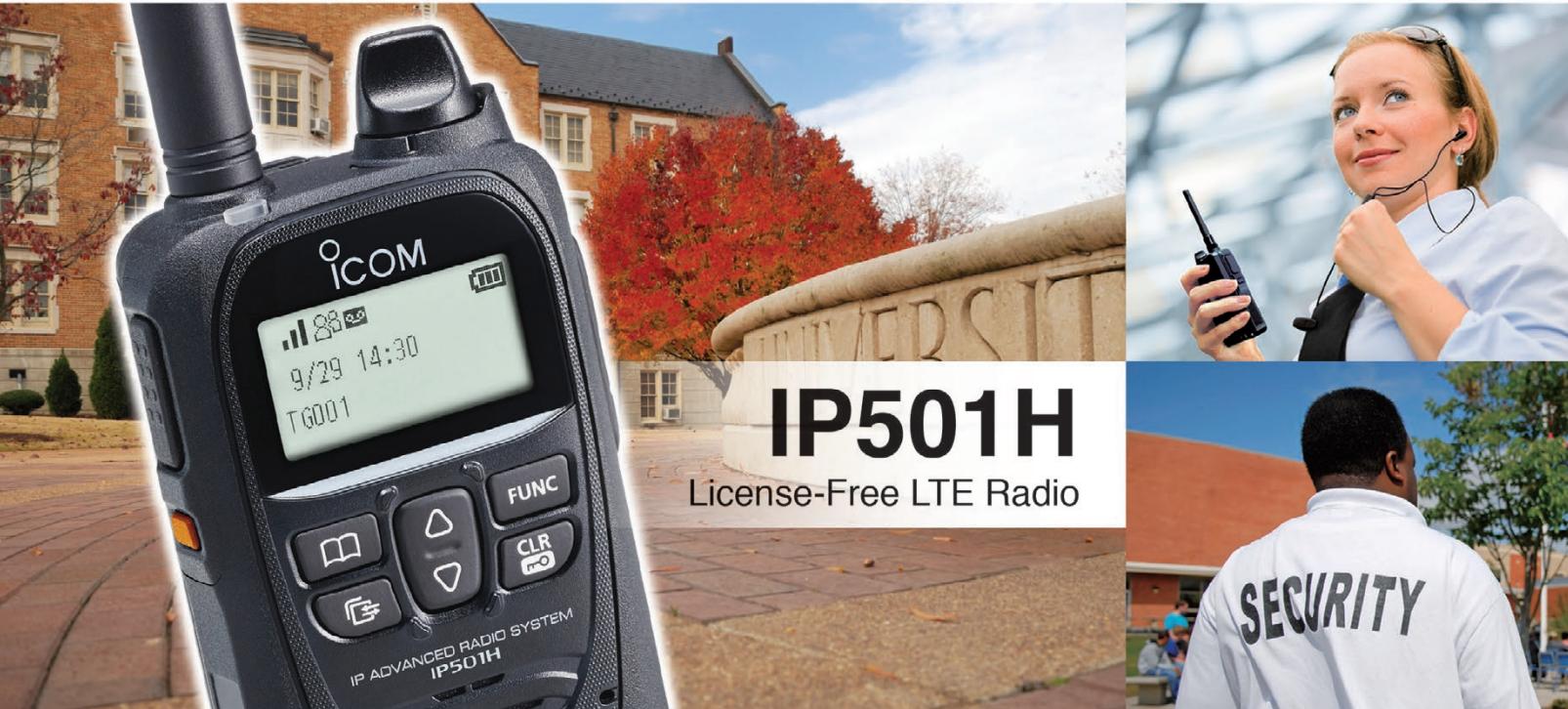
Take the first step to safer floors! Get a FREE Grippy Mat Sample Kit at grippymat.com or call 1-855-474-7791



ABOUT THE AUTHOR: PUPN staff writer Dr. David Vinson has a PhD in English with specializations in transatlantic literature and cultural studies. He is a committed scholar, teacher, husband, and dad. If you ever meet David, avoid the subject of soccer. His fandom borders on the truly obnoxious.

University Communication Solutions

Introducing Icom's **LTE-CONNECT** System



Instantaneous push-to-talk communications throughout North America. The IP501H is an LTE radio, which provides telephone style conversations, packed with conventional two-way radio features. This license-free radio operates on an Icom controlled, private and secure 3G/4G network. This LTE radio solution is perfect for those support, safety and security teams in need of simple, yet wide-area communication solutions.

- License-Free
- Full Duplex Communication
- Individual / Group / All Calls
- Text Messaging
- Fixed Monthly Cost
- Compact & Lightweight



Locate an Authorized LTE Dealer today:
www.icomamerica.com/LTEconnect

©2019 Icom America Inc. The Icom logo is a registered trademark of Icom Inc. 20982



It takes a Viking to...

PROTECT YOUR ASSETS.



DON'T PUT YOUR
CAMPUS AT RISK

We don't mess around when it comes to your greatest assets. You need it **secure and battle-tested**, day in and day out, year after year.

Viking Emergency Phones are built to last using heavy-duty vandal resistant materials, and don't forget to add **Enhanced Weather Protection** for outdoor use.

Say goodbye to unreliability, and hello to rugged durability. **YOU NEED A VIKING.**

Start planning your installation today!
Contact us at 715.386.8861 or visit our website: vikingelectronics.com



VIKING

715.386.8861
VIKINGELECTRONICS.COM

PROUDLY MADE IN HUDSON, WI

Designed, manufactured,
and supported in the USA



**BECAUSE AT VIKING,
IT MATTERS**

At Viking, hard work and relationships matter. It's why we chose decades ago to keep all engineering, production, and support right here in Hudson, Wisconsin.

Sure, there are cheaper ways but doing it in the USA is important to us. It keeps us close to our customers, creates American jobs, and allows us to provide the answers you need from the people you trust.

When you need us, we won't outsource your call. We're right here in Wisconsin and you'll talk directly with one of our many in-house tech gurus.

VIKING

715.386.8861
VIKINGELECTRONICS.COM





A close-up photograph of two young adults, a Black woman and a white man, performing push-ups on asphalt. They are smiling and laughing, suggesting a friendly and supportive environment. The woman is on the left, wearing a light blue t-shirt, and the man is on the right, wearing a dark t-shirt.

Finding a Sense of Belonging

IN CAMPUS FITNESS & REC CENTERS

by David Vinson, PhD

At the age of eighteen and as a college freshman, I moved to another state. I settled into an unfamiliar room in an unfamiliar dormitory, sharing it with an unfamiliar roommate. To the best of my ability, I navigated an unfamiliar campus. The students, the professors—they were all unfamiliar. I knew the city well enough, but never had I explored it on my own. That, too, was unfamiliar.

The First Weeks of College

The first few weeks of college were the loneliest of my life up to that point. In a fit of desperation, I called my mother and pleaded to come home. To her credit, and despite the adjustment she was no doubt experiencing in my absence, she was persistent in her optimism: “Give it a full semester. It will get better once you make a friend.”

She was right, of course. In my case, all it took was a conversation with a sophomore across the hall, who invited me to a small social gathering one afternoon. Twenty years later, I’m close with several people I met on the day, and I still keep in touch with Adam, the sophomore across the hall.

In retrospect, I was lucky. The loneliness from which I suffered was intense but short-lived, and the great friends I made were welcoming and glad to accept me into their little circle. But initially, the transition, and in so many basic, day-to-day ways, was really tough.

Moreover, a few days after the move into my dorm, a nasty illness took charge of my body. Fever, body aches, coughing, sore throat.

I credited it to the strange, new germs I was encountering. My mother agreed, adding that stress had likely weakened my immune system.

What’s fascinating, particularly as I reflect on this brief window of time, is the possibility that my illness was a consequence of loneliness, no doubt related to the stress that loneliness brings.

Linking “Belonging” To Well-Being

A wealth of scholarship has addressed the link between social support and the physical well-being of college students. Broadly, the findings suggest that college students are vulnerable to stress-induced illnesses.

From a developmental perspective, these young adults are experiencing their first few years of living away from the safety net of family, and many are encountering a level of independence—if not financial, at least social and intellectual—previously unfamiliar to them. The stresses brought on by so many changes at once, as research has shown, can lead to illness.

In “Coping Mechanisms, Stress, Social Support, and Health Problems in College Students,” Zaleski et al. noted that first-year

college students who perceived less family support reported more physical symptoms than those who reported higher levels of family support.

Other studies have identified at least three support components, (1) structural support, (2) satisfaction with support, and (3) perceived support from family, as key factors in students’ attitudes about their own physical well-being.

Belonging is Key to Evolving

And similarly, Hale et al. also contend in “Social Support and Physical Health” that a sense of belonging is significant in the prediction of physical health, indicating that a social network or close circle of friends is key for college students as they continue to evolve during their time with us.

Perhaps the notion that people function best in socially supportive environments is self-evident since each of us have experienced to some degree or another the adverse effects of loneliness and isolation. But less obvious is how to cultivate the on-campus structural support that students need.



ECOLOGICAL DRY VAPOR CLEANING SYSTEMS CERTIFIED TO DESTROY:

- Bacillus tuberculosis
- C.difficile-spores
- E-Coli
- Listeria
- Salmonella
- Bed bugs
- Campilobacter
- Enterococci
- H1N1
- Staphylococcus
- SEVERE ACUTE RESPIRATORY SYNDROME / CORONAVIRUS

* Scientific certification available upon request



Ecological cleaning solutions for a safer environment
 USA : (973) 826-7672 info@vprimpex.com
 Canada : (514) 733-2468 www.vprimpex.com



VPR Impex Inc.

It is up to faculty and staff to create socially supportive environments within classroom settings—but what about outside of the classroom?

What can be done for a lonely freshman or a new transfer in earnest search of the feeling that he or she belongs? What can we do for our students who have struggled to find a community and to form meaningful relationships?

Developing Bonds at Campus Rec Centers

Across the country, private universities and colleges are providing students with gorgeous, innovative fitness and recreation centers that are just as remarkable for their versatile utility. These function as sites where friendships are formed, thereby serving as a key hub for community-building.

Also, as sites that promote healthy living, both of mind and body, fitness and recreation centers empower students to develop positive habits that can be maintained well after they graduate.

What we're witnessing is an exciting cultural shift in which health and wellness practices are

being incorporated into our students' daily lives. And no wonder students are excited to use them.

Just think of what fitness and recreation centers can now provide: massive gymnasiums, state-of-the-art fitness equipment, indoor and outdoor tracks, rock climbing walls, pristine aquatic centers and hydrotherapy spas, saunas, massage studios, sandy spaces allocated for “beach” volleyball, in addition to a variety of classes, whether based in martial arts, dance, or yoga. Nutritional cooking classes are also offered.

Fitness and recreation centers are likewise instrumental in attracting prospective students whose expectations are as high as ever. We are reminded with each incoming class that there's no time for complacency.

Not only do prospective students value a top education, but they're also searching for a complete on-campus experience, one that allows them access to excellent living conditions, delicious food, a clean and navigable campus, and of course, recreational and fitness facilities that are a step above what they can find off campus.

One Inspiring Example

The Drexel University Recreation Center has been voted Philadelphia's best gym, and for good reason. Not only does it offer fitness assessment and nutrition counseling, but students can sign up for massage therapy following workouts or as a means of releasing post-exam tension. Drexel offers a full-sized Pilates studio, an advanced climbing wall, and a total of seven squash courts.

The Drexel Recreation Center also offers a four-week fitness training boot camp called RISE. The program is designed to instill positive work (and workout) habits, and it asks of its enrollees to push themselves physically and mentally.

This includes arriving to the designated training location at 6:30 in the morning twice a week; and at the training, a team of personal trainers diversify students' workouts so that when they leave the sessions, they do so refreshed and ready to tackle the day ahead.

The center itself includes 18,000 square feet of exercise equipment space, featuring 120 pieces of cardiovascular equipment and over 300 pieces of strength equipment. There is more than enough to go around.



MEANGREEN
ELECTRIC MOWERS

THE FUTURE IS GREEN

NEW EVOLUTION SERIES
LITHIUM POWERED ELECTRIC
COMMERCIAL EVO-74"
PATENT US 10,130,037

- 74" Deck
- Up to 8 hours of runtime
- Touch Screen Display
- 13 mph
- Side Discharge or Rear Discharge Mulching Deck
- 37 HP Diesel Equivalent
- Michelin Tweels (front)
- 78 dB(a)
- Rapid Height Electronic Deck Lift System With Foot Pedal
- Custom Suspension Seat
- Dual Support Anti-Scalp Wheel Mounts
- 6000-9000 Mowing Hours of Battery Life

Find a Dealer at:
www.meangreenmowers.com

Further, it is home to a beautiful 13,000-square-foot Maplewood multipurpose gymnasium, two aerobic studios that offer a full range of group exercise classes, a climbing wall, as well as a three-lane, elevated indoor track.

With its 6 lane, 25-yard pool, equipped with ample deck space and Red Cross Certified student lifeguards, the aquatics center at the Drexel Recreation Center is equally impressive. The pool is home to the Drexel Varsity Swimming & Diving Team, Club Swim Team, Club Triathlon Team, and Club Water Polo Team.

Resort-like Amenities

The University of Miami's Herbert Wellness Center is a hub for recreational sports, fitness, and wellness education programs. Not unlike the Drexel Recreation Center in Philadelphia, it represents in vision and scope what's possible for campus-based fitness and recreation centers.

The indoor facility spans nearly 20,000 square feet of cardiovascular and weight equipment, in addition to a gymnasium that incorporates three full basketball courts that can also be converted to volleyball or badminton courts.

It also houses a smaller gymnasium with rounded walls that are a great fit for indoor soccer, floor hockey, basketball, volleyball, or badminton. One can also reserve racquetball and squash courts or enjoy the indoor track.

A 25-yard, 6-lane swimming pool is available for swimming and other water exercise classes. Students can also unwind with a spa and two saunas.

Other amenities include a juice bar, an instructional kitchen, a studio cycling room, four multi-purpose rooms for group exercise, martial arts, Pilates, and more.

The outside facilities at the Herbert Wellness Center allows students to revel in the sunny weather and coastal breeze of Miami. Available are four basketball courts, six tennis courts, and five intramural playing fields.

A Safe and Stabilizing Space

At private universities and colleges, we're seeing the immense potential for campus-based fitness and recreation centers. Our students can benefit from such spaces in so many ways.

Most obvious is the benefit to their physical health. With vast and versatile gymnasiums, fitness equipment, aquatic centers, and spaces designed for instructional workouts, our students can achieve their fitness goals.

I also want to stress the role that campus-based fitness and recreation centers play in providing for students a safe space to get to know one another. It is within these spaces that friendships are formed, whether it is over a game of pickup basketball or during a taekwondo class.

Particularly for those students who are new to campus, who are lonely and overwhelmed, fitness and recreation centers can have a long-lasting and stabilizing impact.



ABOUT THE AUTHOR: PUPN staff writer

Dr. David Vinson has a PhD in English with specializations in transatlantic literature and cultural studies. He is a committed scholar, teacher, husband, and dad. If you ever meet David, avoid the subject of soccer. His fandom borders on the truly obnoxious.

Are You Promoting a Culture of Wellness on Campus?

MicroFit has provided hundreds of colleges and universities products designed to assess, educate, track, and report on specific health behaviors and fitness outcomes through their:

- ▶ Recreation and Fitness Centers
- ▶ Health & Kinesiology Classes
- ▶ Faculty & Staff Wellness Programs
- ▶ Community Wellness Initiatives
- ▶ Fitness & Wellness Research Projects

"Stanford University started a campus wide wellness program in 2007 utilizing the MicroFit FAS-2 System to provide fitness assessments for faculty and staff. Its ease of use and report functions have made this component a valuable tool in promoting a culture of wellness on campus ever since."

*Ms. Jennifer Sexton
Coordinator of Recreational Fitness & Wellness
Stanford University, Stanford, CA*

Get Started today with a "quick tour" webinar & Free HealthWizard Trial Download.

800-822-0405 - sales@microfit.com - www.microfit.com



Build a State-of-the-Art Lighting System from the Ground-Up or Update your Current Lighting System for the New Decade!



5 Delivered Lumen Packages in NEMA 2-6 Beam Spreads with Glare-Free Illumination to Suit a Variety of Applications



230W = 33,100
Delivered Lumens



310W = 44,100
Delivered Lumens



440W = 62,100
Delivered Lumens



520W = 73,500
Delivered Lumens



750W = 105,000
Delivered Lumens

Additional Capabilities and Services AEON Offers:

- FREE Lighting Layouts
- HyLink Wireless Control System
- RGBA/RGBW/DMX Controlled Lighting
- Remote Drivers Capability
- Complete Package with Poles, Cross-Arms & Platforms
- Extended Warranty
- Project Financing
- GSA Approved for Federal Agencies

Designed, Engineered &



Assembled in the USA



Proprietary & Patented Designs!



2-for-1
Replacement
More Light
Less
Luminaires



AEONLEDLighting.com



803.336.2230

HYLINK™
Wireless Lighting System



PROTECTING OUR CAMPUSES IN A POST-PANDEMIC WORLD

by David Vinson, PhD

Here's what we know, but perhaps as valuable, also what we feel:

The outbreak of the novel coronavirus has changed the world.

It is a global, historical event, and we are living it.



If the outbreak has taught us anything thus far, it's that none of us are impervious to the unthinkable. Not since the deadly influenza of 1918 has the nation—higher education included—experienced anything reminiscent of the top-down, all-encompassing impact of COVID-19.

For the majority of Americans, reality began to alter in March of this year. The effect was akin to a sucker-punch, and we were stunned, left to reel in the moment. But we've since managed to pick ourselves up, and over the past several weeks, we've demonstrated our resilience and adaptability.

I believe we have a responsibility to one another to reflect on what we've learned so far, but first I'd like to offer a few simple, practical suggestions for what we can do to better prepare for the next public health emergency.

Preparing for the Next Public Health Emergency: Simple Practices for a Safer Campus

There are several practical measures we can take to reduce the spread of illness on campus, whether in classrooms, dormitories, libraries, cafeterias, administrative offices, or in highly trafficked spaces like sporting arenas and recreation and wellness centers.

I don't wish to suggest that what follows is an exhaustive list. Far from it, in fact. I do hope, however, that my suggestions elicit ideas and encourage conversations about what we each can do to make our campuses safer, healthier spaces.

First, I like what Dr. Anthony Fauci, known immunologist and leading White House coronavirus task force member, has said about shaking

Measuring Moisture is our Expertise. Accuracy and Reliability is our Strength.



Lignomat Moisture Measurement
PO 30145, Portland OR 97230
Ph: 800-227-2105 FAX 503-256-3844

Email: sales@lignomat.com
www.lignomat.com

*Handheld meters for
wood, drywall, concrete.
We offer a wide selection.*



**Moisture Intrusion is the number one concern
keeping buildings structural safe and healthy.**

**We offer measuring and monitoring devices
to find problems and monitor repairs.**

Call 800-227-2105 for a recommendation.

*Monitor moisture
and humidity.
For short and long-term monitoring.*



*Report measurements
over the Internet.*

*For all remote applications,
and Building Surveillance.*





RemPhos

genius...



our new LED LBI Pro

- use as an LED fixture or retrofit
- the BEST solution for cove lighting
- seamlessly connect or whip-link up to 40 together
- choose from 3 colors & wattages on every LBI
- optional accessories for ultimate control and anywhere installation



available
sizes
2', 3' & 4'



hands. In a recent Wall Street Journal podcast, Fauci somewhat seriously advocated for “never [shaking] hands again.”

Don’t get me wrong, it is a custom I rather enjoy. But Fauci is wise to call attention to how a custom as ubiquitous as the handshake can be harmful, and immeasurably so during a contagion. A friend of mine who’s lived in South Korea for over a decade says he doesn’t even miss the handshake now that he’s grown accustomed to the courtesy of bowing. A simple wave or a “hello” would also suffice.

Second, we need sanitizing stations all over campus. I mean it, in every building and on every floor, and definitely in the most central, highly trafficked locations. I’d like sanitizing stations to become as common as hand soap in bathrooms.

Better yet, I’d like us to view sanitizing stations in the same manner we do when we’re at a public restroom that’s run out of hand soap: Befuddled and in disbelief, we tell someone, who then addresses the problem. We need a zero-tolerance policy when it comes to running out of hand sanitizer.

Third, disinfectants must be widely accessible on campus; and similarly, the practice of being equipped with disinfectants (for instance, disinfectant wipes that are carried in purses, backpacks, briefcases, and so on) must become normalized. Rather than be alarmed by a co-worker who wipes down a shared refrigerator handle, why not instead question when a co-worker fails to do this?

As an educator, I have taken for granted the cleanliness of spaces that I share with other educators. At the start of each class session, I undergo a routine, and during this routine I touch with regularity objects that are touched by others throughout the day: doorknobs, light switches, dry erase markers, dry erasers, the keyboard and mouse that operate the computer, the overhead switch to the projector, the podium, the blinds. I’m sure I’m forgetting half a dozen other examples.

The same logic applies to the desks that students share as they move from one classroom to another. Custodial workers are amazing, but it is pure fantasy to expect them to disinfect every desk on campus, and to do so on a daily basis.

And finally, we must prioritize what we do not even touch or see—that is, air cleaning systems designed to capture and inactivate pathogens that can make us sick.

Collective Efforts from the Finest Institutions

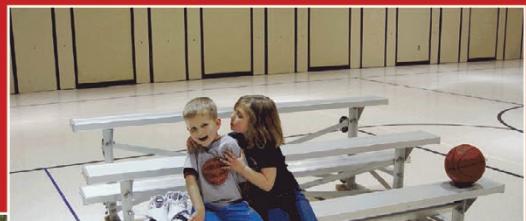
While there is obvious value in considering the simple, practical measures we can take to better prepare for the next public health emergency, we should also reflect on the many measures we’ve adopted in higher education since the outbreak—after all, these signal our efforts to rally in the interests of students, faculty, staff, and the community at large, and a time when we are searching for models of clear-eyed leadership.

During the month of March, as news of the outbreak’s reach grew starker by the day, private universities and colleges have responded with clarity, compassion, and resilience. Let’s take a moment to appreciate some of the major challenges we’re continuing to address.

We have endured a seismic shift from campus-based education to online education. This has necessitated cooperation and belief from everyone involved.

MANUFACTURING AMERICA'S FINEST PARK EQUIPMENT SINCE 1954

From speedy bleachers to picnic tables to bike racks and more



Kay Park Recreation

It Pays to Buy Kay's - "America's Finest" Since 1954

1-800-553-2476
www.kaypark.com

MANUAL & AUTOMATIC AIR VENTING VALVES

PURGENVENT™

M7900AAV

NFPA 13 standard requires the venting of excess air from wet fire sprinkler systems to help prevent internal pipe corrosion.

The PURGENVENT™ Model 7900AAV is a automatic air venting valve. It includes an isolation valve and a purge valve with an internal 20 mesh strainer screen. The 7900AAV automatic air venting valve has the smallest footprint among similar venting valves and it can be purchased with an end cap and close nipple (Model 7930ECA) for direct installation onto the end of sprinkler system branch lines.

AGF also offers a manual air venting valve option, the Model 7910MAV, and an automatic inline version, the Model 7950ILV, for systems with unique installation requirements.



For other solutions visit our website

www.purgenvent.com

Our educators, ranging from full professors to GTAs, have demonstrated their ingenuity and compassion by redesigning coursework from top to bottom, and in some cases, in just a matter of days.

Crediting IT Experts and Student Resilience

Students must be credited, as well. Their resilience makes our jobs all the more rewarding, and just imagine what it must be like for them—to be, say, 19 years old; to be enrolled in 18 credit hours while grappling with the realities of a global pandemic and adjusting to new learning modes, homework, essays, exams, and so on.

Moreover, we can only guess at what's going on in their lives. They are stressed, too, and we must extend to them our compassion and trust.

Most of all, we are so deeply indebted to the savvy and tireless devotion of our IT experts, who have made the transitions to online education and remote work possible in the first place.

With campuses on lockdown, we're now managing our work from home. This marks another seismic shift in our daily lives. Not all of our work duties seamlessly translate to remote

work, but we are finding solutions, often (again) with the guidance of our IT experts.

Helping Students in Financial Need

Not every student has the financial means to return home, particularly if he or she lives at a great distance from campus, whether in another state or across the country.

One of my favorite examples of how private institutions are rallying to care for its students is that of Davidson College, located in North Carolina. At Davidson, students in financial need were provided additional support by the Dean's Office, which offered free shuttle rides to airports and also refunded the remaining cost of room and board.

Moreover, in an instance that demonstrates the unifying spirit of the institution, Davidson alumni created a Google Doc listing the air miles they'd collected so that students in need could use them to purchase tickets home.

Solutions for International Students

We're finding solutions for international students, who need us now more than ever.

According to the Institute of International Education, almost 1 million of the nation's more than 19 million higher education students come from overseas. China is the largest contributor to America's international student body, with about 370,000 students currently enrolled. Of the other countries highly affected by COVID-19, South Korea is the third largest contributor, Japan is eighth, and Iran is thirteenth.

With borders closing around the world, and with dormitories on campuses vacated, many international students are stuck in limbo, unable to return home and also deeply concerned about where they'll live.

Private universities and colleges have made exemptions that allow international students to remain on campus. Not only this, but at the University of Southern California, summer housing will remain available for students unable to depart in May, as the academic year concludes. This is proving standard practice across the country.

Likewise, international students who remain on campus are continuing to receive essential accommodations, that of dining as well as student health and safety services.

EARLY WARNING WATER LEAK DETECTION

Installed in over 23,000 sites!

CEILING GUARD®



- 5 Year Warranty
- Made in the USA
- In Business 40 Years
- Ultra High Quality

DORLEN Products Inc.

1-800-533-6392
WWW.WATERALERT.COM

SINCE 1967



STERIFAB®
MUCH MORE THAN A BED BUG KILLER
800 359-4913 • STERIFAB.COM

And finally, we're not underestimating the psychological impact of living amidst the coronavirus outbreak.

Students are uniquely vulnerable to stress, anxiety, depression, suicidal ideation, and self-harm, and the public health emergency that we're all experiencing only exacerbates their vulnerabilities.

Telemental Health Services

Mental health services at private universities and colleges are swiftly responding to a radically different landscape to support students during this stressful and isolating period. In-person sessions are now discouraged, which has accelerated the need for virtual visits and other forms of telemental health. Adjustments are being made—and again, what would we do without our IT experts?

Some institutions that had implemented a telemental health platform in a limited capacity prior to the pandemic were equipped to more rapidly roll out online resources. For instance, Johns Hopkins University was able to provide its entire student body access to a secure online

cognitive behavioral therapy program within a single week. This should serve as a lesson going forward.

For all of the good work that institutions are doing to protect the psychological well-being of students, employees are likewise encouraged to seek treatment by way of telemental health.

In this regard, we're seeing across the country a much-needed development amongst employees at private universities and colleges—that is, the de-stigmatization of seeking mental health services.

Using Our Campuses to Fight COVID-19

Because our institutions serve communities beyond the parameters of campus, anything we can do to serve the nation during a crisis, we must try.

Several private institutions—those such as Tufts University, Middlebury College of Vermont, and New York University—are in the process of converting campus dormitories to temporary hospitals, and with the goal of providing beds for COVID-19 patients or for those displaced from existing hospitals.

MIT and Harvard, among many others, are donating personal protective equipment, including masks, gowns, and gloves to local hospitals and health care workers.

At academic health centers like those at the University of Chicago and Northwestern University, researchers are testing medications to learn more about how to treat COVID-19.

This is exactly what we need, both now and in the event of any future public health emergency—a collective effort, one that draws on faculty expertise and campus facilities, and with the mindset that we are all responsible for one another.



ABOUT THE AUTHOR: PUPN staff writer

Dr. David Vinson has a PhD in English with specializations in transatlantic literature and cultural studies. He is a committed scholar, teacher, husband, and dad. If you ever meet David, avoid the subject of soccer. His fandom borders on the truly obnoxious.

SUPERIOR[®] AMERICA'S MOST COMPLETE LOCKER LINE[®]
METAL • PLASTIC • WOOD • PHENOLIC

MADE IN AMERICA SINCE 1936

BUSINESS
E & I
PARTNER

WE ARE
GREENGUARD GOLD
CERTIFIED

CONTACT US FOR ALL YOUR LOCKER ROOM NEEDS
800-776-1342
✉ info@ListIndustries.com **>ListIndustries.com**





REMOTE WORK AND CAMPUS NETWORK SECURITY

by Lisa Gibbs, Ed.D.

I enjoy sitting on my front porch with my laptop while doing research, especially in the spring and fall. Much of my dissertation was written while sitting on my porch with my dog beside me. The beauty of the neighborhood is calming, the breeze is refreshing, and my dog is a good listener.

Working from home definitely has advantages. However, now that the majority of college students, faculty, and staff are studying and working from home, campus network security is an increased concern.

Home networks and personal computers often are not secured like the networks and computers on campus, which increases the risk of computer viruses and other threats. Private colleges and universities are working to ensure the safety and speed of information transmitted in the new learning environment. That environment includes the equipment used at home, data security and encryption, data usage in real time, user guidelines, and access to technical support.

Equipment Used at Home

Regarding the security of home networks, The United States Office of the Director of National Intelligence (DNI) advises changing the default password of the routing device and making sure it has firewall capabilities. Additionally, DNI suggests using “organization provided equipment and accounts to conduct work while away from the office.”

Desktops and laptops that are proprietary to the institution have been vetted by the Information Technology (IT) office, and likely have safeguards already in place to limit access to potentially harmful malware and other intrusions.

However, schools typically do not furnish every person on campus with a computer. For those unable to use campus equipment, follow all safety precautions as recommended by the IT office and campus leadership.

Data Security and Encryption

DNI also recommends installing a comprehensive security suite, noting that some suites also “provide access to a cloud-based reputation service for detecting and preventing execution of malware.” Utilizing the “cloud” to store, transmit, and compute information picked up steam in the early 2000s and has evolved into the preferred way to manage large amounts of data.

These systems have become more widely available in the past ten years, but not all campuses have shifted to cloud services. Some continue to use on-site administrative systems, particularly smaller organizations.

Brigham Young University (BYU) in Provo, UT provides access to cloud storage via Box, a company focused on secure collaboration between file users and editors. Box uses advanced security controls, threat detection, data privacy, and follows industry compliance to ensure files are secure.

BYU also provides Cloud Apps, so that students have enough speed and storage regardless of the status of their personal computer. Accessible only by user names and passwords, these resources also use two-factor authentication to add a layer of security.

Schools like Lewis and Clark College in Portland, OR and Alma College in Alma, MI provide remote access to on-campus systems via a Virtual Private Network (VPN). The IT office at Lewis and Clark explains that a VPN “provides a secure and encrypted way of connecting to college services remotely.”

If you need to use specialized software or access large data sets that you have access to on your local workstation, remote desktop may be a viable option.” Alma College also offers Remote Desktop Service so faculty and staff can access

KENYON
CERAMIC GLASS
COOKTOPS
Since 1931

SMART BUILT-IN SAFETY FOR THE USER AND FACILITY



CHILD SAFETY
LOCK-OUT WITH
AUTO SHUT-OFF



HEAT LIMITING
COOKING SURFACE
PROTECTORS



MEETS ADA
REQUIREMENTS
INCLUDING CA & TX

CONTACT US FOR SPECIAL PRICING:
WWW.COOKWITHKENYON.COM | 860.664.4906

**Air & Surface
Purification Systems
to combat pathogens including:
Coronavirus....COVID-19**

Removes VOC's, Odors,
Bacteria, Viruses, Mold...
Dorm Rooms, Classrooms,
Restrooms & Gyms 24/7



View 30-second videos at:
www.InspiredtecLLC.com
or call 317.432.4375

 **InspiredTEC, LLC**

specialized reports and documents, as well as call routing, which can be turned on and off through the campus portal.

Data Usage in Real Time

An administrative system such as Enterprise Resource Planning (ERP) operations allow a multitude of processes to work at the same time and enables the flow of data between them. Day to day business activities such as equipment purchasing, bursar's office transactions, food and beverage logistics, enrollment, and registration are managed by ERP systems.

While some of that activity may have slowed due to students moving off campus, there has been an increase in usage of campus learning management software. Students are now using Canvas, Moodle, Blackboard, SMART Learning Suite and other tools for online learning at the same time as administrators and staff are also working online in their respective software systems. The concurrent usage of data within a system may cause delays and loss of information.

The increased load on the systems due to increased usage is a concern IT offices can address. For example, when the semester resumed in March at BYU, the



ABACUS
Sports Installations Ltd.

COUNT ON THE COURT

PADENPOR
BY ABACUS

RESILIENT.
MULTIPURPOSE.
SEAMLESS.

1.800.821.4557
ABACUS.COM

ULINE

THE TEAM TO BEAT
LOCKER ROOM ESSENTIALS

ORDER BY 6 PM FOR SAME DAY SHIPPING

A photograph of a locker room. In the foreground, there is a wooden bench with a stack of white towels on it. Next to the bench is a red Igloo cooler with the ULINE logo. In the background, there are several grey metal lockers. To the right, there is a blue cart with folded towels on it. The floor has a blue mat.

COMPLETE CATALOG
1-800-295-5510
uline.com

Working from home definitely has advantages. However, now that the majority of college students, faculty, and staff are studying and working from home, campus network security is an increased concern.

Office of Information Technology responded to reports of lags and problems logging on to Learning Suite. Students were updated via Twitter that the office knew about issues with access to Learning Suite and were working to resolve them.

User Guidelines

Allowing other people in the household to access the device used to work from home is risky. Even something as seemingly harmless as allowing a child to print an assignment from a work computer could compromise data security. The information provided by DNI serves as a guideline for campus leaders.

BYU advises faculty and staff to use university provided equipment, lock the computer when not in use, and limit usage to one person as ways

to protect sensitive data. Ensure the operating system is up to date, and install and regularly run antivirus software.

In addition, Lewis and Clark suggest separating networks so that company devices are on a different network than personal devices, which can be accomplished by using the VPN described previously. Alma College points to the US Department of Homeland Security warnings to be careful when clicking on links in emails and other guidelines regarding cyber scams.

Updating policies and procedures and communicating the expectations set by school leadership is paramount for ensuring data security.

Access to Technical Support

Students and faculty can use this resource to ensure they are following the best practices as

set forth by campus leaders and to troubleshoot an issue. Typically, IT help desks are accessible through signing in with college credentials, by phone, or by email, or live chat.

Service providers also have protocols for providing support to the IT office. These protocols are found in contractual agreements and can be reviewed by administrators to ensure data privacy and continuity plans.

It is ultimately up to students, faculty, and staff to ensure online security. Using campus owned equipment when possible, following all guidelines and getting support when needed is the responsibility of the campus community. Together, amidst the COVID-19 crisis, both physical safety and online security can remain protected.



ABOUT THE AUTHOR: PUPN staff writer Lisa Gibbs earned her Ed.D. in Higher Education Administration in 2018. She is an advocate for arts, particularly dance, in education and for increasing the financial well-being of artists through financial education.

INTEGRATED FACILITY SERVICES

Outsourced expertise with the feel of an in-house program.

- Facility Maintenance
- Custodial Services
- Grounds & Landscaping
- Sports Field & Turf

WFF
Facility Services

THE UNIVERSITY OF TULSA



"WFF Facility Services has provided Custodial and Grounds Services to the University of Tulsa for the past ten years. During that time, they have consistently delivered excellent service to our campus. Year after year they have strived to exceed our expectations and, in many cases, have done so. Over the past six years the university has increased its focus on the appearance of campus grounds and WFF has responded significantly with improvements in the way it delivers those services. I believe their professionalism, pro-active approach to facility management, and ability to deliver consistent quality service, is second to none."

Mr. John L. Wood, CFM | Associate Director of Physical Plant | The University of Tulsa



www.wffservices.com 1-800-852-2388

SportsArt

THE GREEN FITNESS COMPANY

CHANGE THE WORLD ONE WORKOUT AT A TIME // POWER A MOVEMENT



ECO-POWR™ Line

The new cardio line where awe-inspiring design doesn't just meet function, it embraces it with the revolutionary ECO-POWR™ technology that captures human exertion and turns it into usable electricity—benefiting the planet and providing a new layer of meaningfulness to breaking a sweat.



We're Still Listening.



Water professionals know that swimmers demand clear and clean water.

That's why we continue to work hard to make your job easier. Make chlorination easy with the **ACF Series** Calcium Hypochlorite Feeders.

Clarify with Vantage Poly-A Clarifying Tablets. This unique and powerful tablet water clarifier is not just to clear up cloudy water after a long weekend. As a maintenance product, it works with your filtration system to remove organic and inorganic compounds to prevent dull and cloudy water.

SANITIZE with the **ACF Series**

Calcium Hypochlorite Tablet Feeders

- Safer than liquid systems
- Runs "Clean" - Less Maintenance!
- Simple, Efficient, and Durable
- Systems available for ANY size pool
- NSF/ANSI Standard 50 Certified

CLARIFY with the **VPF-20**

Poly-A Tablet Feeder

- Unique tablet clarifier
- Easier than liquid systems
- Removes organic and inorganic compounds
- Increases filter effectiveness
- Proven cryptosporidium removal



AllChem Performance Products, Inc.
Phone: 352.378.9696
FAX: 866.343.1216
email: vantage@allchem.com
www.vantagewatercare.com

VANTAGE®

Copyright 2015
VANTAGE is a registered trademark of
AllChem Performance Products, Inc.

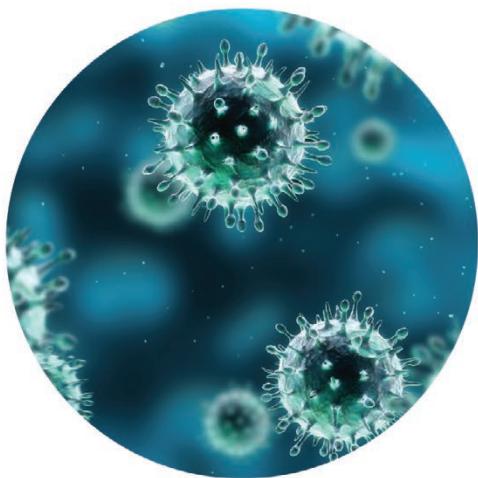
FLOOR RESERVOIRS- HOME OF MICRO-ORGANISMS LOWERING THE RISK OF AN OUTBREAK



Floors are the largest reservoirs and the largest sq. footage in most facilities. Cleaning, disinfecting/sanitizing are recommended.

Floors can be the single largest reservoir of pathogenic micro-organisms in buildings.

Infection prevention and control starts with clean and safe surfaces. Proper cleaning process includes clean first, then disinfect/sanitize.



Cleaning

Removes germs, dirt and impurities from surfaces and objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.

Disinfecting

Kills germs on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection. Always use an EPA or DIN Registered Disinfectant.

Sanitizing

Lowers the number of germs on surfaces or objects to a safe level, as judged by public health standards or requirements. This process works by either cleaning or disinfecting surfaces/objects to lower the risk of spreading infection.

PO Box 1903
Pelham, AL 35124

PRSRD STD
US POSTAGE
PAID
PERMIT 284
MIDLAND MI

Dispense Laptops & Chargers Too!

Now Put "Power Outlets" In Your Students' Hands

Plug-n-Play Solution...No Electrician Required!



**Imagine 12-60+ More
Outlets In Your Facility | Portable 110V =
Max Flexibility**

Finally You Can Dispense Portable Chargers
To Students Anywhere With No Staff Involvement!

For More Info Go To:
ChargersAnytime.com



**Join The Self-Service Revolution
Along With These Private Institutions**

Park University
Barry University
Guilford College
Goucher College
Drexel University
Catawba College
Hofstra University
Davidson College
Chapman University
Gallaudet University
University of Pennsylvania
Houston Baptist University
Abilene Christian University
Nova Southeastern University
New York Institute of Technology
Case Western Reserve University
Columbia University Medical Center

**OVER 2.5 MILLION
ANNUAL CHECKOUTS**

2,500,000

**LaptopsAnytime.com
877.836.3727**

LAPTOPSANYTIME™
Automated Checkout Kiosks