



PRIVATE UNIVERSITY PRODUCTS AND NEWS

NOVEMBER 2019

PUPMAG.COM

**EXPERIENTIAL
LEARNING AT
DELAWARE VALLEY**

**BLENDING CAMPUS
WITH COMMUNITY**

**BATES ATTAINS
CARBON NEUTRALITY**

**REIMAGINING
1970'S BUILDING
AT OGLETHORPE**

**BUTLER COMBINES
TRADITION AND
INNOVATION**

**Engaged
Pluralism
Initiative
AT VASSAR COLLEGE**

Texas Granite®

The floor that never needs waxing to stay beautiful.



Designed for the exacting requirements of educational environments, **Texas Granite is backed by decades of experience supplying flooring to institutional facilities.**

This unique formulation is an extremely dense, homogeneous, low maintenance flooring **ideally suited for the challenges of high traffic areas such as schools.**

For more information please visit our website at:
www.american-biltrite.com



AmericanBiltrite
Flooring



WE CAN FULLY FURNISH YOUR OFFICE IN 28 DAYS.

Oh, and did we mention
free installation*?

We can transform your workspace quickly because we design, manufacture, and sell our full collection of office furniture directly to you. We even include free space planning, free delivery, and yes, free installation*.

**TO GET STARTED, CALL (877) 730-5528
OR VISIT [VARIDESK.COM/PUPN](https://www.varidesk.com/pupn)**



VARIDESK®

*Free delivery in the contiguous US. Free installation on orders of \$5,000 or more in the contiguous US. Availability subject to change | Patent and trademark information: [VARIDESK.com/patents](https://www.varidesk.com/patents) | ©2019 VARIDESK® All rights reserved.

ON-DEMAND TECHNOLOGY FOR ON-THE-GO STUDENTS

Self-Service DISPENSING KIOSKS

- **Space-Saving**
- **Experience-Enhancing**
- **Forever-Flexibility**

Break Down Barriers and Join 100+ Campuses In Making LaptopsAnytime Automated Dispensing Kiosks Your Go-To Self-Service Solution for On-the-Go Students.

Dispense Wide Range of Dell, HP, Lenovo & Apple Laptops and 110V Portable Power Chargers and Accessories.

Build Your Own Kiosks *Mixing-N-Matching* Laptops, Tablets And Now **110V Portable Power Outlets** Separated By Row Module.



OVER 2.5 MILLION

ANNUAL CHECKOUTS AND GROWING

2,500,000

Trusted Technology Branded to Your Local Look-n-Feel

 **LAPTOPSANYTIME™**
Automated Checkout Kiosks

1-877-836-3727 • LaptopsAnytime.com

FEATURES

26

BATES COLLEGE ATTAINS CARBON NEUTRALITY AHEAD OF SCHEDULE

A year ahead of its announced commitment, Bates College has become carbon neutral. Measured against a 2001 baseline, Bates has eliminated 95 percent of its campus greenhouse gas emissions, and will purchase carbon offsets for the remainder. In its Climate Action Plan, announced nine years ago, Bates committed to hitting this important milestone by 2020.



26

38

REIMAGINING 1970'S BUILDING INTO I.W. "IKE" COUSINS CENTER FOR SCIENCE AND INNOVATION

Oglethorpe University expanded a 45,000-square-foot student hub to feature flex learning spaces with outdoor connection with Cooper Carey. When the Fall semester began on Aug. 19, science and business students at Oglethorpe University attended classes in the newly completed I.W. "Ike" Cousins Center for Science and Innovation (formerly Goslin Hall).



38

48

BUTLER UNIVERSITY COMBINES TRADITION & INNOVATION IN NEW SCIENCE COMPLEX

Butler University in Indianapolis, Indiana, is utterly devoted to offering their students the best possible educational experience. Butler's dedication to this goal is further realized by their recent debut of their \$100 million renovation and construction project for their new science complex, which combines both tradition and innovation.



48

COLUMNS



8

SPOTLIGHT / ON OUR COVER

08 ENGAGED PLURALISM INITIATIVE AT VASSAR COLLEGE

Though most campuses recognize a need for some type of diversity work or diversity-inclusion work that might be channeled through an office, Dr. Candice Lowe Swift—Associate Professor of Anthropology, Africana Studies and International Studies at Vassar College—hoped for something broader and deeper. As a result, the Engaged Pluralism Initiative became campus-wide, integrative work.

CONSTRUCTIONS & PLANNING

16 BLENDING CAMPUS WITH COMMUNITY AT MANHATTAN COLLEGE

ON-CAMPUS

22 EXPERIENTIAL LEARNING AT DELAWARE VALLEY UNIVERSITY

EDITOR'S LETTER

When I first started working at a large public university in Birmingham, Alabama, nearly 20 years ago, one of the mandatory New Employee Orientation workshops was diversity training. All new employees to the system were required to attend, so there were faculty members, staff members from all positions across the university, and employees to the connected, world-renowned medical facilities—from medical doctors to clerical and nursing staff. Our group of over 100, which represented multiple nationalities and ethnicities, was broken into several tables of smaller teams to enable group discussions. Not everyone was excited about the workshop, but I was delighted.

At the time, I was finishing my dissertation on identity politics, and the ways we carry our embodied identities into cyberspace. There were two basic camps of thought at the time: that cyberspace offered a utopia that was un-raced, un-gendered, etc. and therefore free of all the biases that come with interactions based on real world identities. The other camp, of which I was a member, was working to demonstrate that we carry our embodied realities into our online personas. In other words, I was deep into the subject matter of identity and primed to have a meaningful conversation as part of an orientation that was otherwise focused on some pretty mundane material.

What sticks with me, nearly two decades later, is how the primary message of the two-hour training was convoluted, confusing, and even bizarre. Everyone at my table was baffled by what they wanted us to “get” from their exercises, which were all focused on examining the diversity of each group member and the multiple levels of diversity. While the concept sounds appropriate in theory, in practice we ended up accomplishing what some might call “a whole lot of nothing.” The goal was to show how we are all equally diverse—whether because of our race, religion, income level, relationship status, sexual orientation, responsibilities at home, or even our personalities. We all finished the workshop with a collective, “Huh?”

In “Two Types of Diversity Training that Really Work” from *Harvard Business Review*, Lindsey King, Membere, and Cheung discuss the mixed results from the research on the effectiveness of diversity training: some studies suggest programming can be effective, others argue it is a waste of time, and some empirical data demonstrates there can even be backlash if the training is poorly handled. They believe that the effectiveness of the training depends on the methods used, the personalities of the ones being trained, and the measurable outcomes after completing training.

The exercises they suggest showed promise were perspective-taking (“writing a few sentences imagining distinct challenges a marginalized minority might face”) and goal setting (with “specific, measurable, and challenging goals related to diversity”). The personality characteristics at play, they believed, were participants’ natural empathy levels and “social dominance orientation,” with people high on that scale being more resistant to diversity training. They felt hope for that latter group was found in “having an authority figure endorse the importance of diversity initiatives” to reach the resistant ones.

The continuing problematic nature of our current understanding on diversity initiatives seems clear. The answers are either strictly numbers-based or completely unquantifiable. It’s simple, of course, to point to a required workshop or the diversity numbers growing and claim a victory. If the complex psycho-social dynamics of inclusion can be solved in a day or via a small committee, then sign me up.

But I think we all know those methods are not producing real results. What Vassar’s Engaged Pluralism Initiative offers is not nearly as neat and tidy. The comprehensive approach is complicated, ongoing, emotionally taxing work that may not offer the easily checked-off goals or a superficial boost. However, what hard work can offer is what it has always provided: better results.

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



Ed Bauer
Publisher
ed@pupnmag.com

EDITORIAL

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

Sheila Wagner
Cassidy Clevenger
Staff Writers

SALES

Lawrence Provenzano
Regional Sales Managers

CIRCULATION ASSISTANCE

Cassidy Clevenger

ART

Hilary Moreno
Creative Director

CONTRIBUTING WRITERS

Doug Hublely
Liana Moran



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

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.



Your campus deserves a fresh look.

Bring a brightly envisioned Fresh Forward Subway® restaurant to your campus!

Offer speedy service and great-tasting, nutritious menu options that your students can personalize.

Become a part of one of the world's most recognizable brands with over 600 locations in colleges and universities worldwide.

Contact Joanne Kilgore,
New Business Development

Call 1-800-888-4848 Ext. 1729
or 1-203-877-4281 Ext. 1729

Email Kilgore_J@subway.com

Visit [www.subway.com/
nontradpartnerships](http://www.subway.com/nontradpartnerships)

SUBWAY®

Subway® is a registered trademark of Subway IP LLC ©2019 Subway IP LLC
All chips-related trademarks are owned by Frito-Lay North America, Inc. © 2019



Dr. Candice Lowe Swift is an Associate Professor of Anthropology, Africana Studies and International Studies at Vassar College. In addition to her research and teaching, where she covers a wide range of topics including Cultural Anthropology, the Anthropology of Food, Globalization, the Indian Ocean world, and Pedagogy, she directs the Engaged Pluralism Initiative (EPI). Though most campuses seem to recognize a need for some type of diversity work or diversity-inclusion work that might be channeled through an office, Lowe Swift knew from the start that she hoped for something broader and deeper for Vassar Students. As a result, the EPI became campus-wide, integrative work.

PROFESSOR SPOTLIGHT

Engaged Pluralism Initiative at Vassar College

The Birth of EPI

In the fall of 2016, Lowe Swift was working with Jon Chenette, then Interim President of Vassar, in developing effective mechanism to better understand challenges for low-income, first-generation, or historically underrepresented groups on their campus.

Pulling together feedback from administrators, faculty, and students, they became co-investigators on a Mellon Foundation proposal to create a welcoming learning community for all students.

The funding of that proposal led to the launch of the EPI, with Lowe Swift and Jon Chenette at the helm, while in close collaboration with President Elizabeth H. Bradley and now William Hoynes, the current Dean of the Faculty.

The Limitations of the Semantics and the System

According to Lowe Swift, terms and goals with familiar semantics of “diversity work” can be limiting in that diversity and/or inclusion work often becomes associated with one person or one office—usually a person of color—and prescribed groups who are then charged with developing a more diverse or inclusive campus.

While many colleges have found a solution in hiring or naming a Chief Diversity Officer, the Vassar faculty was uncomfortable with that option because, as Lowe Swift explains, “A single individual can’t be responsive to every social challenge or identity.”

Furthermore, if the responsibility is placed on one person or even one office, there may be too much vulnerability for an individual to address senior administration about potential problems. Even at Vassar, a place where questioning power is built into the fabric of the community, Lowe Swift explains that one person carrying the voice of many to the administration just isn’t ideal.

Often, diversity pushes, in a traditional sense, can lead colleges to focus on something tangible, what can be easily enumerated, and what—in essence—can be a quick fix. Increasing numbers of underrepresented groups on campus, for example, is a necessary first step, but this numbers game can give a purely quantitative focus to diversity work, and Lowe Swift wants something more qualitative and comprehensive, a system to move the College “forward in all areas.”

Though Vassar College started a need-blind admissions policy several years ago, Lowe Swift

notes that those moves don’t help with profiling, microaggressions, or incidences of bias. Culture shift is also necessary, and the whole learning community can benefit from more comprehensive change.

Another underlying problem with the concept of one person or one office as the answer for diversity or inclusion issues is that an individual is supposed to help one student through a problem—it’s “very individuated and transactional.” She wanted to move this process “from transactional to transformational.”

Civic Participation and Engaging All Abilities

In short, there was a gap between the desire to make campus more inclusive and what students were perceiving about that desire based on the isolated and siloed nature of the remedies.

With the EPI work, students have a sense of belonging on campus; they have mentors who aren’t even their professors. Holistically, it’s about civic participation. When people are given the chance to change and alter something that needs addressing, it goes beyond just identifying what isn’t working and forces the question, “What would you like to see instead?”



Photo by Holly Wilmeth/Vassar College

She wanted the College to ask itself, “What does it mean when you change campus to draw on diversity as a resource and seek to incorporate the variety of human experiences that are represented in our learning community?”

The same concepts apply to Vassar’s Summer learning program, Summer Immersion in the Liberal Arts, in fact. Summer “bridge” programs among colleges and universities are not uncommon, but when she first started studying the various models, she felt that most operated on a deficit-based model.

Princeton was doing the closest to what Lowe Swift imagines for Vassar—to focus on what students are bringing from their home communities and helping connect that knowledge to their educational experience at Vassar. There were fourteen students in the first pilot, and nine of those took on leadership roles for their first full semester after the summer program.

This approach fits perfectly with Vassar’s goal of supporting the abilities and gifts students bring with them, as they take control of their own journeys and pathways to learning and growing.

With the Engaged Pluralism Initiative work, students have a sense of belonging on campus; they have mentors who aren’t even their professors. Holistically, it’s about civic participation. When people are given the chance to change and alter something that needs addressing, it goes beyond just identifying what isn’t working and forces the question, “What would you like to see instead?”

Diversity Work by Community, Not Committee

Knowing that hierarchies and divisions cut down conversations, they needed to determine how to best be inclusive inside this “academically rigorous community”—how they could avoid diversity work by committee to do “diversity work by community.”

Thus, when the chance was offered by the Mellon Foundation to build an exciting, new learning community, and an early suggestion was an eight-person committee, she knew that traditional answer wasn’t the right one for Vassar.

She wanted everyone on campus to be offered a chance to explore the questions of belonging and thriving, so everyone on campus was invited to participate. In response to the mass email that offered a chance to join a non-identity based interest group, over 300 people—students, staff, and faculty—wanted to participate, and they were able to accommodate about 120 of them to begin the work.

Currently, there are seven of these working groups, which have no limit to group number—people select the topic they are most passionate

about—so some larger groups have 18-20 members; they meet every other week to make plans, have discussions, and then put those plans in motion.

Whatever group they join, all members are learning more about Conflict Resolution, specifically what can be learned as we move against the impulse to shut out any opinions we find objectionable. “It’s very difficult to come up with an idea everyone agrees with,” she notes, so these groups offer a holistic, comprehensive way of thinking through difficult questions.

They aren’t inviting conflict, just naming it and working through it. They learn techniques and strategies for these conversations, with one student calling EPI work a version of “Radical Hospitality.”

For instance, in one of the larger groups of 18, the majority was on board with an idea and ready to move forward. A lone sophomore, who was still figuring out how to speak in a group that included tenured faculty members, had another opinion.

In order to have a meaningful discussion, without an undue burden on one student, the group facilitator asked everyone to shift to the view the sophomore held as they worked through the other side.

As a result, everyone in the group became actively engaged in fully understanding and articulating one student’s position. Lowe Swift explains, “It modeled how to engage, rather than alienate someone for having a different perspective.”

The project ultimately shifted based on what they all learned as they worked through a position they had not considered. Lowe Swift explains, “Recognizing connections and community, where others might see difference and distance is at the center of what we aspire to do.”

Creating Mechanisms for Dynamism

The learning groups emphasize multi-constituency, collaborative learning over individual learning, and involving people who wouldn’t normally come in contact in important conversations.

In these groups, they are developing logistical skills, time management skills, and learning to use each other as resources towards deeper understanding and more effective collaboration. Since no individual can do the work of inclusion, Lowe Swift notes that working groups can offer a “moments of centralization for consistency” but “with mechanisms for dynamism and allowing for adaptation with every new group of students coming in.”

Jonathan Kahn, Professor of Religion and Chair of the Inclusive Pedagogy working group, notes that Lowe Swift’s version of leadership “embodies the EPI program.” Explaining how she holds everything together and is tireless in her focus, he adds, “She works like no one else.”

EPI isn’t just about meetings, Kahn explains; this is important work done piece by piece, taking people from their silos, and building productive conversations between students, faculty, staff, and administration.

He adds that one especially fun part of this is “not thinking of curriculum as a zero-sum game.” They are reimagining the Teaching and Learning Resource Center in the group, for instance, looking to build something from the ground up.

This work reminds everyone there that pedagogy is about more than authoritative grasp of the course material. Instead, Kahn argues, “Pedagogy is about mutual understanding.”

Being Transported

Sophia Kapur is a sophomore now, but met Lowe Swift her first week on campus, after Lowe Swift invited her for tea. While Kapur explains Lowe Swift is undoubtedly the “driving force of EPI,” she “doesn’t want any of the focus on her.”



SEATING THAT MAKES THE DIFFERENCE

BEVCO chairs provide flexible options that play an active role in keeping students engaged and empowered to learn. BEVCO’s GreenGuard Gold certified chairs offer adaptable seating that is sustainable, supportive and long-lasting.

BEVCO
Where Quality Meets Comfort

GREENGUARD GOLD

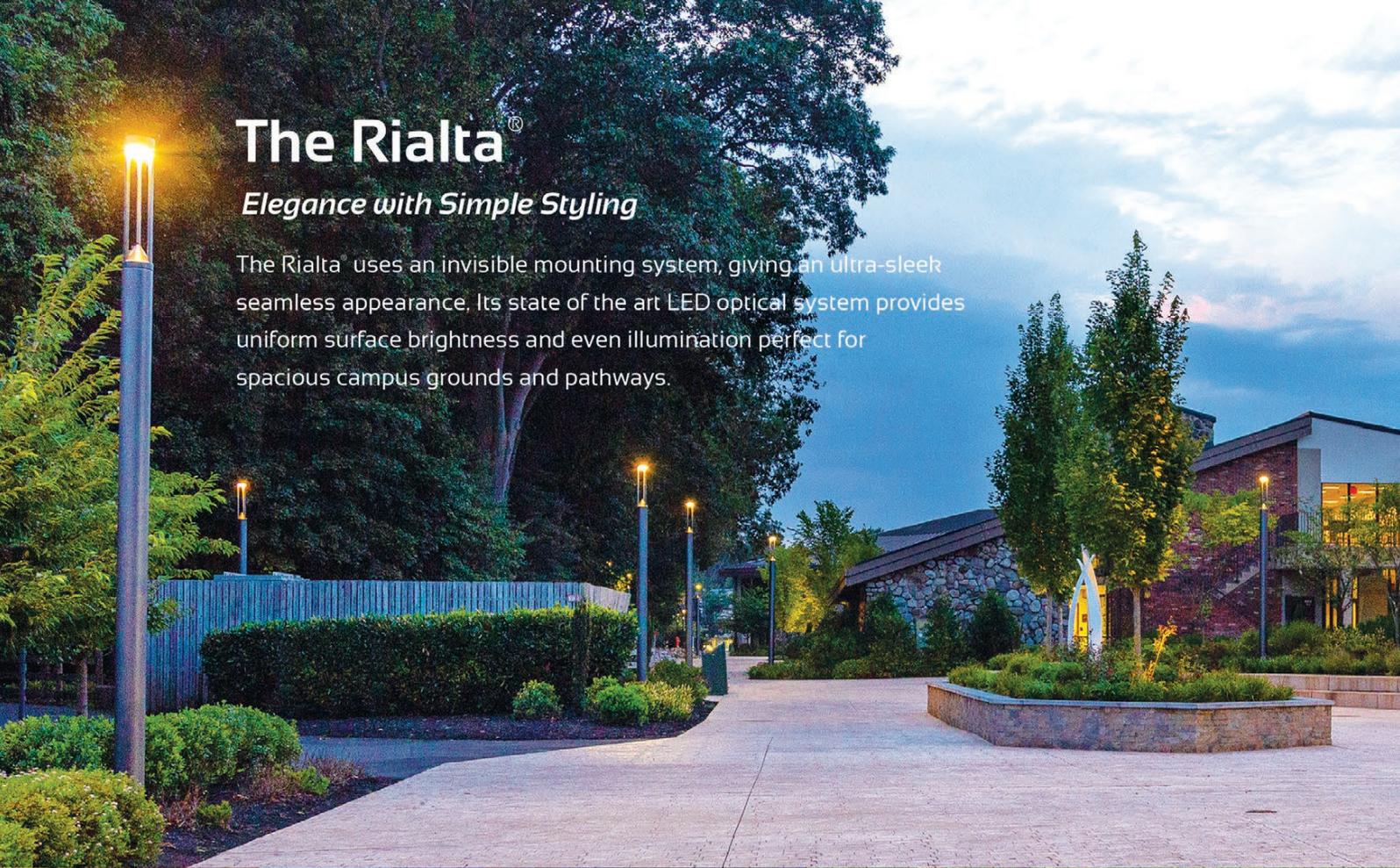
Call 800-864-2991 or visit BEVCO.com to select your chair today!

©2016 Bevco Precision Manufacturing, Inc. All rights reserved.

The Rialta[®]

Elegance with Simple Styling

The Rialta[®] uses an invisible mounting system, giving an ultra-sleek seamless appearance. Its state of the art LED optical system provides uniform surface brightness and even illumination perfect for spacious campus grounds and pathways.



Sternberg Lighting, bringing campus traditions to light.



SternbergLighting

ESTABLISHED 1923 / EMPLOYEE OWNED



800-621-3376 • www.sternberglighting.com



Photo by Karl Rabe/Vassar College

Ultimately, Kapur considers joining a working group as one of the best decisions she made since coming to Vassar for several reasons, in part for providing the opportunity to know Lowe Swift. “She has this incredible warmth to her,” Kapur explains. “It feels like you were transported to life outside of campus.” Kapur adds, “I can’t imagine being here without knowing her.”

Shreya Suresh is an Anthropology Major who met Lowe Swift at the beginning of her freshman year. Suresh recalls, “I was nervous, didn’t know a lot of folks, but she invited me into conversation with warmth and love, a gesture I will never forget. The warmth and love have translated into every conversation I have had with her ever since, be it about the purpose of ethnography or about home-sickness.”

A year into her studies now, Suresh explains that Lowe Swift has remained a constant presence, guiding her through academic frustrations, helping her sort through moments she disagreed with other EPI members, and providing invaluable assistance in this transition phase of her life.

“Especially as an anthropology major,” she adds, “I admire the way she allows all the discipline to intermingle with the multitude of possibilities to foster connection and empathy on campus. With regards to EPI, she has put in so much dedication and energy she has given to every concern, query or moment of confusion that has popped up to make sure the members of the initiative embody what it is fostering to create.”

Elegant. Durable. Stackable.
That’s the promise of Eustis Chair.



Custom made in the USA.
Backed by a 20 year warranty.

978-827-3103



EustisChair.com

Alumnae Willa Vincitore, part of the Climate Assessment working group and former co-chair of this group, praises Lowe Swift for being “a skilled facilitator of difficult conversations.”

Vincitore explains that Lowe Swift has a talent for bringing people together and organizing communities, as well as an innate ability to guide people through difficult, complex intellectual and emotional work. Vincitore adds, “I have deeply appreciated the way she has gently mentored me as I travel on my journey into active, anti-racist work and self-reflection.”

An Innovative and Fearless Leader

As a Qualitative Research and Curriculum Engagement Associate with the EPI, Henry Molina has known Lowe Swift in a variety of contexts— first as her student. Among the joys of working with Lowe Swift, he explains, are her vigor and her innovative, fearless approach.

She’s connected people in a way that had not been done before on campus and shown what is possible to achieve together; she encourages them to take their differences and turn them into meaningful, exciting work—all while learning about relationship building and problem solving.

By bringing together faculty and students to address the same issues head-on, she asks people to step out of normal roles, in order to “tackle the problems before the problems tackle us.”



Photo by John Abbott/Vassar College

I see the special in **SPECIAL-LITE**

On my campus, many building systems require constant attention or maintenance. But there’s never an issue with our entrance systems and doors because we chose the resilient and attractive products of Special-Lite.



See what they can do for your campus:
special-lite.com/solutions-higher_ed



info@special-lite.com • 800.821.6531



Photo by Tamar M. Thibodeau/Vassar College

When Jackson Kroopf graduated from Vassar, Lowe Swift was his mentor and long-time professor. An accomplished filmmaker, Kroopf returned to Vassar last spring to film a piece on EPI; the Film Department hired him to teach for a year, and he will be filming about EPI throughout that period.

He returned to work with Lowe Swift, he states, because he wanted to help create a space in the film to speak to what happens as they actually go through the work rather than just providing “lip service.”

While watching people work through differences is exciting and inspiring, Kroopf also acknowledges the difficulties, particularly in accepting the new structure. He believes people in positions of power rarely want to relinquish any of that power, but this project creates “decentralized, collaborative, non-hierarchical work.”



ABOUT THE AUTHOR: Dr. Rachel James Clevenger earned her M.Ed. degree from Mississippi College. After finishing her PhD in Composition and Rhetoric, she taught and served as the University Writing Center Director for Birmingham Southern College and University of Alabama at Birmingham. Most recently, she taught Business Communications at Samford University.

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

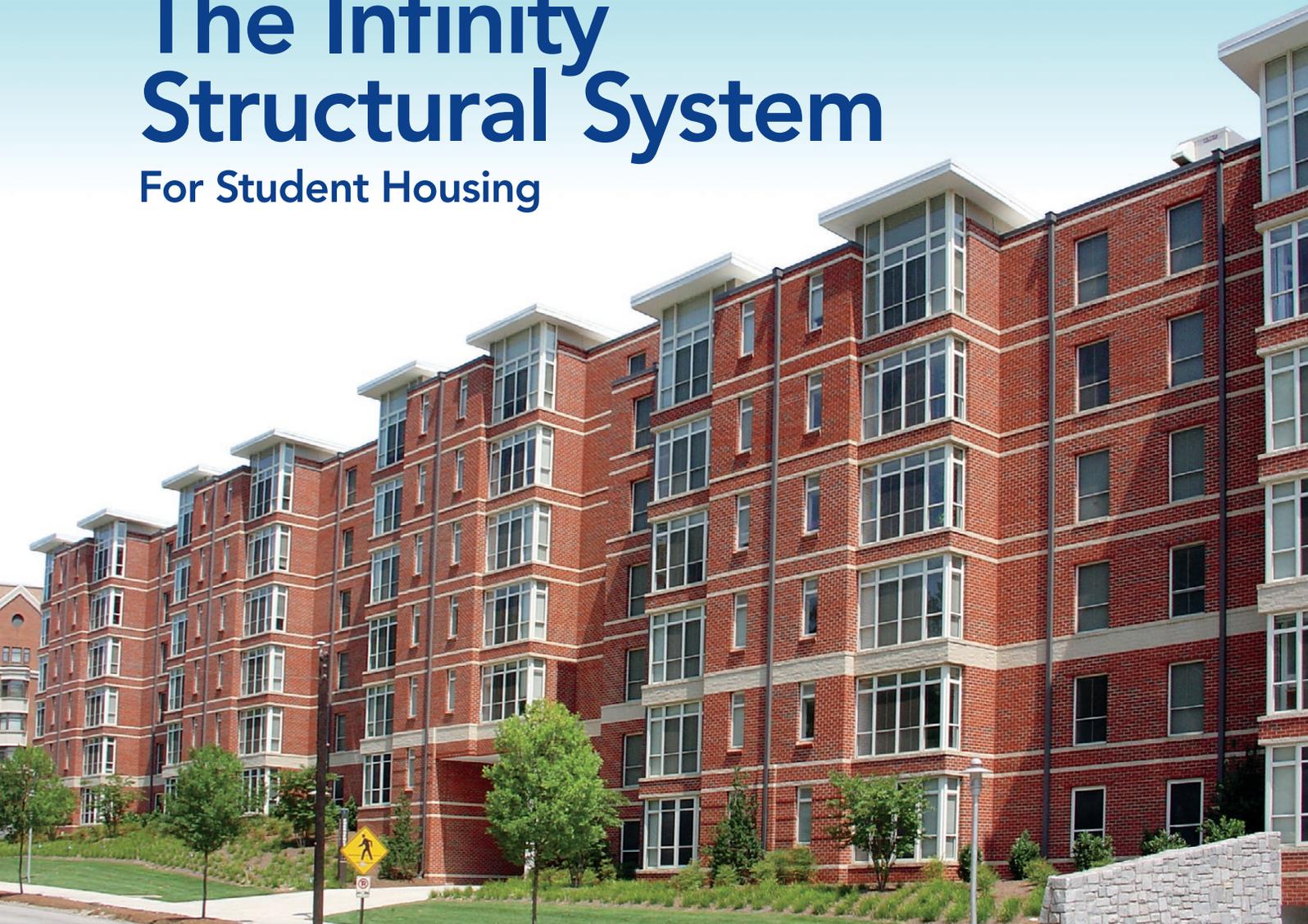
- Metal Swinging Doors
- Wood Swinging Doors
- Fixed Window Systems
- Pass-Throughs
- Gun Ports
- Voice Ports



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

The Infinity Structural System

For Student Housing



The Infinity Structural System consists of the EPICORE MSR Composite Floor System on pre-panelized load-bearing metal stud walls. Infinity offers significant advantages:

- **Economy:** Lower costs than traditional masonry, steel, precast or formed concrete framing.
- **Speed:** Fast installation and "dry in" enables quick project completion for tight schedules.
- **Quality:** Superior noise isolation from room to room and floor to floor.

Georgia Tech Family Housing, Atlanta GA

INFINITY
STRUCTURES

678-513-4080
infinitystructures.com





CONSTRUCTION & PLANNING

by Cassidy Clevenger

Blending Campus with Community at Manhattan College

Manhattan College is one of the premier private universities for engineering in the country. When compared to schools with similar student demographics, graduates from Manhattan College are 37% more likely to graduate, and 60% of their low-income students have reached top income earnings by their early thirties.

Tim Ward, the dean of Manhattan College's Engineering Programs, explains this high success across their student body is due to the college's dedication to their students and the experiential learning that takes place across the state of New York.

As a way to further support an exceptional higher education for their STEM students, Manhattan College will be debuting their new Leo Hall and Higgins Center construction and renovations projects in Fall 2020.

Inside the Higgins Engineering and Science Center

Named after two of their largest donors, Patricia Higgins, Ph.D., and Cornelius Higgins, Ph.D., the Higgins Engineering and Science Center is the newest addition to Manhattan College. The facility is three stories tall and 30,000 square-feet.

The sleek, modern building will include 14 state-of-the-art laboratories as well as collaborative learning spaces. When designing the building, the college decided to not include new classrooms, and instead decided to utilize the spaces only for laboratories.

With nearly one-third of the students at MC being engineering majors, and all their students having to take mandatory science classes, this building will positively impact nearly everyone enrolled on campus.

A Vital Partnership

Manhattan College recently received their second grant from the Higher Education Capital Matching Grant Program (HECap), and with these funds, the college began phase four of their renovation plans for Leo Hall; as of 2018, the college received a \$3.5 million grant from HECap.

To quote Governor Andrew Cuomo, “New York is home to some of the best colleges and universities in the world, and by investing in cutting-edge education and research, they will continue to fuel our workforce.” Cuomo explains how this funding will benefit both individual students and New York as a whole.

HECap’s goal is to invest in local, non-profit, private institutions, thus giving the colleges the resources they need to be able to provide their students with a world-class education.

HECap is a state government funded grant that is designed to benefit current students, future

The new science center is especially monumental, because it’s construction marks the beginning of Manhattan College’s comprehensive, strategic plan of up-and-coming renovations and upgrades for all of their science and engineering facilities, both on the North and South side of campus.

students, as well as strengthen the community and ultimately increase revenue within the state by keeping their college students educated and employed locally.

Dean Ward explains that Manhattan College is responsible for roughly half of all the STEM graduates in New York, and the funding provided by HECap highlights the state’s commitments to science and engineering.

When the college was in the planning phase of the project and looking for contract workers, Ward noted how many of the options were Manhattan College graduates, because so many MC graduates continued their careers locally;

Ward playfully stated, “Manhattan engineers built New York.”

Furthermore, MC has added jobs to the surrounding Bronx area, which is also inspiring other businesses to move into the neighborhood.

Working with Alumni

In addition to the HECap grant, the college is largely relying on individual donors to fund the project. In total, the target expense of Leo and Higgins will be around \$165 million, and the college has currently raised nearly \$121 million, as of this year.

ONE SOURCE FOR ALL YOUR FLOORING NEEDS



Rubber & Vinyl Stair Treads



Entrance Matting



Outdoor Rubber Stair Treads



Weight Room Flooring



Sheet Rubber



Logo Mats



MUSSON RUBBER CO.

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

The sleek, modern building will include 14 state-of-the-art laboratories as well as collaborative learning spaces. When designing the building, the college decided to not include new classrooms, and instead decided to utilize the spaces only for laboratories.

Also noteworthy is the fact that former MC graduates donate more than money—they also dedicate a lot of their time to improving the college, and many maintained college involvement long after graduation.

Considerations and Challenges of Construction

New York is notoriously congested, and certainly undertaking a major project—such as updating Leo Hall and Higgins—does not help alleviate this burden.

As Ward said, “We are living in a construction zone.” As a result, parking has been one of the largest sacrifices to the renovations, and now commuters must compete for space on smaller lots nearby, or use the larger parking garage that is a few blocks away.

Additionally, one of the most important steps in any construction project is expectation management. Everyone involved in the design and action must have a realistic expectation of what can be achieved within their timelines and budget.

Campus and Community

Thanks to the HECap grant and support via donors, Manhattan College has continued their multi-million dollar renovations on Leo Hall and the Higgins Engineering and Science Center.

Leo Hall and Higgins will serve as the primary student hub on the southern part of campus, and these projects will open doors of opportunities for students to build interpersonal academic relationships with their peers and professors, as

well as prepare them for interdisciplinary work environments in the future.

The new science center is especially monumental, because its construction marks the beginning of Manhattan College’s comprehensive, strategic plan of up-and-coming renovations and upgrades for all of their science and engineering facilities, both on the North and South side of campus.

The culture of MC is one of community. Students are encouraged to explore and study areas off campus, such as the 2nd Ave subway line or the Washington Bridge. Similarly, community boards and government organizations are welcomed to host events on MC’s campus.

In short, everything and everyone involved with MC appears to overlap, and there is a seamless integration between the college and New York state.

ABOUT THE AUTHOR: Cassidy Clevenger is a Samford University alum. She is currently in graduate school at Samford in the MSW program, while working as a staff writer.

SINCE 1967

STERIFAB DISINFECTS AND KILLS BEDBUGS/MITES

What ARE YOU USING??

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

EARLY WARNING WATER LEAK DETECTION
Installed in over 23,000 sites!

CEILING GUARD®

WATER ALERT®

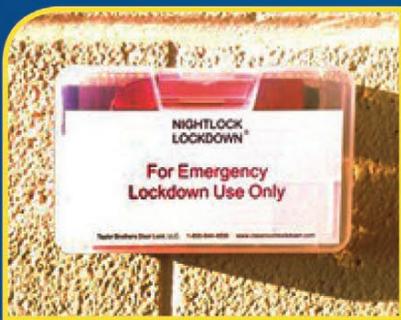
WATER ALERT SENSOR CABLE

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

DORLEN Products Inc.
1-800-533-6392
WWW.WATERALERT.COM

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





BRICK IS AUTHENTIC

English Edge Burgundy with Rumbled Full Range banding

When Americans say “patio” they expect brick

Clay brick pavers to be precise. It’s the standard for timeless quality and classic design. Never disappoint them with substitutes or imitations.

Over the past hundred years, Pine Hall Brick has refined the centuries-old process of formulating, molding and firing durable brick in a range of styles and an amazing palette of permanent colors that will never fade.

When a homeowner asks for a patio, give them your best work in authentic clay brick pavers from Pine Hall Brick.

Learn more at:
PineHallBrick.com/PUPN



PINE HALL BRICK

AUTHENTIC CLAY PAVERS

World’s largest supplier of clay pavers.



BRICK IS COLORFAST

Landscape design by ColeJenest & Stone. Pavers: English Edge Full Range, Pathway Full Range, English Edge Dark Accent, English Edge Autumn and Georgian Edge Buff.

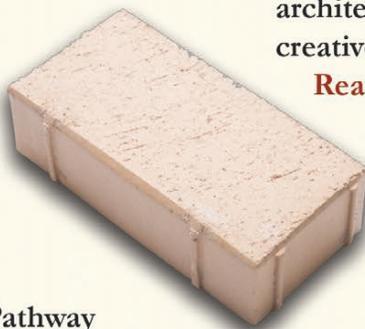
The first rule of college: go to class

Founder's Way on the campus of East Carolina University gets students to class on time—by foot or bike—with colorful clay pavers that replace an unsightly asphalt street, alleys and parking lots.

It's all done with one versatile product—authentic clay pavers—in five colors.

English Edge Full Range and Pathway Full Range pavers make up the pedestrian right-of-way, while Georgian Edge Buff pavers comprise the cycling lanes, with English Edge Autumn directional arrows and English Edge Dark Accent dividing lines.

Fired at 2000°, the colors are permanent and will hold up for generations of traffic while complementing the school's historic brick buildings nearby.



Our colors inspire designers and architects to make any hardscape more creative and functional.

Read more project details at:
PineHallBrick.com/PUPN



PINE HALL BRICK
AUTHENTIC CLAY PAVERS

World's largest supplier of clay pavers.



ON-CAMPUS

by Sheila Wagner

Experiential Learning at Delaware Valley University

As young college graduates enter the real world job market, it is very often the experiences outside the classroom that set them apart from fellow applicants. Students at Delaware Valley University can be sure that they are ready when that time comes because of DelVal's Experience360 Program.

In September of this year, the university accepted a national award for being a leader in experiential learning. The Experience360 Program was named the 2019 Outstanding Experiential Education Program by the National Society for Experiential Education (NSEE). NSEE awards this honor in recognition of "an outstanding institution that has demonstrated an exceptional commitment to experiential education."

Outstanding Experiential Education

"Having a prominent organization recognize Delaware Valley University as a national leader in experiential learning is rewarding," said Dr. Benjamin Rusiloski, vice president for academic affairs and dean of the faculty. "We plan to continue to expand and refine our program and serve as a resource for other schools."

Students start preparing for their careers from the very first semester on campus, beginning with a course incorporating professional development and problem-based learning and ending with the creation of a co-curricular transcript that includes experiences such as internships, study abroad, research and civic engagement.

Experience360 Program

Experience360 Program Director Darrah Mugrauer explained that undergraduate students complete at least two experiential learning activities as a component of their required curriculum at Delaware Valley University. Each individual academic department has its own set of requirements from which students can pick and choose the most appropriate activities for their career and professional development goals. There are eight types of activities, Mugrauer added, which include Academic Internship, Career Exploration Experience, Student Research, Study/Cultural Experience Abroad, Community Service, Civic Engagement, Leadership Development, and Experiential Learning coursework.

“I transferred [to Delaware] and immediately found that the E360 program provided urgency and a practical experience that is imperative to having prior to graduating. The position I am in right now is directly because of the program and the personal development you receive directly from the professors.” — FRANCIS ARNOLD, JR., '16

All undergraduate students participate in some facet of the Experience360 Program. In their first year, students participate in DelVal Experience seminar coursework, focused on problem-based learning and professional development. Each activity within the Experience360 Program includes real-time reflection within online coursework. These classes are led by faculty and staff instructors who provide feedback and guidance to students. While there are credit-bearing and non-credit bearing components to the program, all reflection activities are graded and included in a student's GPA.

Career Goals And Action Steps

According to the National Association of Colleges and Employers (NACE), employers tend to rate recent college graduates lower on certain key career competencies, such as professionalism and work ethic, than students rate themselves. “Through data collected over seven years within the Experience360 Program,” said Mugrauer, “we found that DelVal students are rated highly by employers.” Mugrauer believes that is because the program encourages self-reflection and development of both soft skills and industry specific skills based in hands-on learning. The program requires students to



MEAN GREEN
MOWERS

Commercial Electric Zero Turn Mower

-  **LOW NOISE**
-  **LOW MAINTENANCE**
-  **ZERO EMISSIONS**
-  **ZERO GAS**

THE FUTURE IS GREEN
Find a Dealer at: www.meangreenmowers.com

consider, reflect and respond to professional development and career goals in a number of ways throughout participation.

Prior to the experiential learning activity, Mugrauer continued, students must identify a career goal and action steps to assist in their planning. As part of activity approval, students must prepare learning objectives related to the activity that are then approved by site supervisor and faculty. While participating in the experiential learning activity, students are required to read materials related to the activity and professional etiquette if applicable. Students also write a pre-reflection paper outlining learning objectives, short-term and long-term goals. "Building this reflection into the activity through the process allows for students to gain more from their experiences and use them to grow," Mugrauer stated.

Francis Arnold, Jr., who graduated from DVU in 2016 said, "I transferred there and immediately found that the E360 program provided urgency and a practical experience that is imperative to having prior to graduating. The position I am in right now is directly because of

the program and the personal development you receive directly from the professors." He thanks the entire business department at DVU for their commitment to supporting, challenging and empowering students which enabled him to persevere.

Strategic Plans For Future

"Experiential education is at the center of University's strategic plan," noted Mugrauer. DVU's founder, Dr. Joseph Krauskopf, developed their institution with a mission of "science with practice."

The Experience360 Program allows students to continue to work towards this mission in and out of the classroom, partnering with campus and community members to become learners and leaders in their fields. They continue to seek and foster relationships that aid in providing their students with opportunities for unique hands-on learning experiences within and outside of the walls of a traditional classroom. The University's strategic plan calls for developing a Center for Teaching and Learning. "This Center will serve our internal campus

community in areas of experiential learning and serve as a resource for the larger community, including other institutions," she added.

DeVal President Dr. Maria Gallo stated, "Delaware Valley University is leading the way in experiential education. As we implement our new strategic plan, we will continue to expand and enhance our innovative and effective approach to experiential learning."

Mugrauer is justly proud of the fact that since the pilot class graduated from the E360 Program in 2015, the University's career outcomes rate has increased by a total of 5.5 percentage points. She concluded, "We think this increase speaks to the value of experiential learning and the impact it is having on our students and alumni."



ABOUT THE AUTHOR: Sheila Wagner has spent the last several years working as a professional editor and recently became the staff writer for *Private University Products and News*. Wagner can be reached at sheila@pupmag.com.

Turf Solutions from Billy Goat®!

- Aerators
- Sod Cutters
- Power Rakes
- Overseeders

- Brush Mowers
- Wheeled & Stand On-Blowers
- Outdoor Vacuums
- Debris Loaders

For more information contact your local Billy Goat dealer or call

1-800-776-7690

or visit www.billygoat.com

POWERED BY **VANGUARD** POWERED BY **HONDA**



Take the chore out of the chore with Billy Goat®

www.billygoat.com

The Most Efficient, Rugged and Powerful
LED Sports Luminaire in the Industry!

AEON™ Sports Lighting



SAVE UP TO
65%
ON YOUR
ENERGY COSTS

Proprietary
& Patented
Designs!



2-for-1
Replacement
More Light
Less
Luminaires

- Quick and Easy Installation Process
- Field Changeable Lenses, Modules and Drivers
- Adaptable to Smart Wired or Wireless Lighting Controls
- Cuts Down on Labor and Maintenance Costs
- Designed for 4K and HD Broadcasts
- High Color Rendition showing True Colors: CRI >85
- Available in NEMA 2, 3, 4, 5 and 6 Beam Spreads
- Patented Cross-Vent Convection Design
- Multi-Voltage Options: 120-480V
- IP67 Rated. Suitable for Use in Corrosive Environments



AEONLEDLighting.com



803.336.2230

A Division of
HYLITE™
LED Lighting



BATES COLLEGE ATTAINS CARBON NEUTRALITY AHEAD OF SCHEDULE

by Doug Hubley

A year ahead of its announced commitment, Bates College has become carbon neutral. Measured against a 2001 baseline, Bates has eliminated 95 percent of its campus greenhouse gas emissions, and will purchase carbon offsets for the remainder. In its Climate Action Plan, announced nine years ago, Bates committed to hitting this important milestone by 2020.





Leadership in Combating Climate Change
Reaching the goal early is a measure of the college's determination and leadership in combating climate change, and in sustainability overall. Out of some 700 U.S. colleges and universities to sign a carbon-neutrality pledge in 2007, Bates is one of only seven to date that have reached that goal.

Stewardship of the Wider World

"This achievement shows Bates at its best," says Bates President Clayton Spencer. "Our mission statement calls for responsible stewardship of the wider world, and at this point in our history on this planet, there is no higher need than addressing climate change.

"More important, we have met this goal through shared effort, commitment, and creativity by the entire college community with students leading the way."

Shrinking its Carbon Footprint on Three Fronts

Broadly speaking, Bates worked on three fronts to shrink its carbon footprint: reducing energy consumption through efficiency measures; strengthening the culture of sustainability on campus; and switching to renewable energy sources—most important, Renewable Fuel Oil

An advertisement for Niagara Machine, Inc. The background is a locker room with blue lockers. In the foreground, there is a row of floor cleaning machines (Lavina) and two buckets of DiamaPro UV-HS coatings. The text reads: "NEED A CONCRETE OR TERRAZZO FLOOR THAT CAN WITHSTAND ABUSE? WE CAN HELP!" Below the machines is the logo "LAVINA by SUPERABRASIVE". Below the buckets is the logo "DiamaPro SYSTEMS UV-HS+PLUS PROTECTION THAT LIVES ON MICROBAN".

The combination of Lavina equipment and DiamaPro UV-HS coatings have proven to produce a floor that can undergo extreme physical and chemical wear. This floor system cures instantly, will not chip, and is easy to install. Call for more information or to set up a demo.

NIAGARA
MACHINE, INC.
ESTABLISHED 1954

Make your floors shine, call
800-622-2048
www.niagaramachine.com

(RFO), a wood-derived liquid that's now the primary fuel for the college's central heating plant.

Largely because of the impact of RFO, the Association for the Advancement of Sustainability in Higher Education ranked Bates fourth in the world for its clean energy program in 2017.

"Bates has successfully integrated behavioral change into the everyday patterns of the college and adapted innovative energy solutions into the very core of campus operations," says Geoff Swift, vice president for finance and administration and treasurer. "Together, these efforts are a win-win for Bates: The college has reduced waste and achieved carbon neutrality in a manner that makes sound financial sense."

EcoReps, Student Task Force

"I chose Bates because of its sustainability programs," says Tamsin Stringer '22 of Bloomington, Ind. Stringer is a member of both the college's EcoReps, a student task force for green initiatives on campus, and its Committee on Environmental Responsibility, a faculty, staff, and student group that charted Bates' course toward carbon neutrality.

Stringer attended the CER meeting earlier this month where senior staff revealed that Bates would achieve neutrality ahead of schedule. "I felt proud to be going to Bates," she says.



**ONLY
\$49.99**

STRONG • SIMPLE • QUICK

DoorJammer™ LOCKDOWN

The DoorJammer Lockdown offers effective industrial-strength security designed for multi-room lockdown scenarios in schools, public buildings and institutions with no set up cost after purchase.

CONTACT US FOR DISCOUNTS ON LARGE ORDERS

www.Door-Jammer.com | 512 992-1354



“The fact that a school can take an initiative like that and uphold its commitment is just really inspiring to me.”

Switching to Renewable Energy

Tom Twist, Bates’ sustainability manager, estimates that nearly two-thirds of the emissions reduction is attributable to, first, Bates’ switch to renewable sources of electricity, in 2005; and second, to efficiency and conservation measures overseen by college energy manager John Rasmussen. All told, these efficiency measures have reduced the college’s utility bills by more than \$1 million annually.

These include the replacement of virtually all campus lighting with LED lamps; enhancing building insulation and replacing windows across campus with better-sealed units; and acquiring technology that enables much more precise, and therefore energy-saving, monitoring and control for HVAC and other electrical draws.

The remaining emissions were eliminated mostly by converting to fossil-free fuels, notably the adoption of the new fuel oil for the steam plant that heats most of the campus—more than a million square feet of interior space.

DIRECT MOP SALES, INC.
 Highest Quality, Lowest Price, Superior Service...
 This is our company motto for a reason. If you want more from your cleaning supplies manufacturer, then give us a call and let us know what we can do to earn your business. Better products, better pricing, better in every way.

info@directmopsales.com
 866-475-8667
 Individual/Case Pricing: www.directmopsales.com
 Volume Based Pallet Pricing: www.dmsiwholesale.com

Kay Park Recreation
 1-800-553-2476
 www.kaypark.com
 sales@kaypark.com

Many Site Furnishings at www.kaypark.com

Enrich Student Experience

Enhance Your Campus with “America’s Finest”

For Your Athletic Department
It Pays to Buy Kay’s Since 1954!

RFO, produced by the Canadian firm Ensyn, is created from forest industry byproducts in a chemical reaction that, once started, is largely fueled by its own byproducts.

In 2017, the college started burning RFO in one of the steam plant's three boilers. This year, Bates converted a second boiler, ensuring that RFO is virtually the only heat source for buildings served by the central plant.

Bates is the only U.S. educational institution using RFO for heat, and one of only three U.S. institutions of any kind that heat with it.

A Campus Culture Dedicated to Sustainability

Harder to quantify but essential to Bates' achievement is a campus culture dedicated to sustainability, as well as social justice, which for many at Bates go hand in hand.

The academic curriculum includes an interdisciplinary environmental studies program that integrates the natural sciences and humanities, and immerses students in community-engaged research and action.

Students drive a number of environmental organizations on campus—notably the EcoReps, overseen



With **SUPER SAM® 125**
your neighbors
aren't that **LOUD**



Sound Abatement Membrane

Super SAM® 125 is a premium, self-adhering, sound deadening sheet membrane for use on surfaces that require impact and airborne sound reduction. Laboratory certified testing on a **bare 6" concrete slab** sets Super SAM® apart from the competition.

IIC: 51 STC: 54 ΔIIC: 22

The Delta II is the truest and most accurate measurement of a membrane system and Super SAM® 125 has the best in the industry. The most effective all-purpose membrane on the market, Super SAM® 125 provides crack isolation protection up 3/8" and can also be used as a waterproofing membrane.

Membrane Systems That Protect Your Flooring Investment!

800-633-4622
NACproducts.com

CREATING ENVIRONMENTS WHERE PEOPLE CAN SHINE™

CONTROL NATURAL LIGHT & ILLUMINATE YOUR SPACE

LIGHTWEIGHT, LIGHT DIFFUSING & EASY-TO-INSTALL
GUARDIAN 275® TRANSLUCENT PANEL SKYLIGHTS,
WALL SYSTEMS & CANOPIES



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

Bates College Attains Carbon Neutrality continued

by sustainability manager Twist, a program that gives its members both the practical and interpersonal skills to make things happen on campus and in life after Bates.

The greenhouse gas emissions chart that the college has used to track progress toward neutrality, for example, was created by EcoReps, Twist points out.

Previously, aside from a professional assessment performed in 2009, “it was just a blank map. We had no idea where we were. So we had students work on it for two years, and they filled it in,” Twist explains. “And they actually did a better job than the paid consultants.”

“You hear tons of bad news about climate change every day, but you don’t hear a lot of coverage on what to do about it, and that makes people very depressed and hopeless. We’re showing students a viable pathway for how to do this.”

—TOM TWIST, SUSTAINABILITY MANAGER AT BATES

Inviting Students to Play a Role in Carbon-Neutrality Effort

As far back as 2014, if not longer, Bates faculty have invited students to play a role in the carbon-neutrality effort through their work in class.

For instance, for their capstone project in environmental studies, two 2018 graduates conducted research into carbon offsets—verified programs that ameliorate atmospheric carbon through various means—that informed Bates’ current neutrality plan.

Bates is purchasing offsets that support the capture of methane, a potent greenhouse gas, as it escapes from landfills, diverting it for energy production.

“I was very excited about this wealth of information that we had at our fingertips and about our realization that we had many affordable options to reach carbon neutrality,” says one of those alumnae, Caitlin Keady of Kamloops, British Columbia.

“I felt empowered by this work and by the knowledge that with a bit of research and a few late nights I could help change the way Bates prioritizes sustainability,” says Keady, who will start working toward a master’s in environmental engineering this fall.

“I acquired a vast range of skills as an EcoRep, from leadership and presentation techniques to data analysis and report writing. I grew a tremendous amount as an aspiring professional in this field.”

“I haven’t seen any other school trust its students as much as we do with sustainability work,” says Twist. “They’re basically embedded in every single sustainability project that we’re doing, and they’re doing real work.”

He adds, “You hear tons of bad news about climate change every day, but you don’t hear a lot of coverage on what to do

POST UP STAND

YOUR MESSAGE IS OUR MISSION



Promote your college and campus events with custom printed banner displays from Post Up Stand!

Perfect for:

- **Athletic Events**
- **College Fairs**
- **Campus and Community Programs**
- **Student Activities**
- **Meetings and Conferences**

SHOP NOW

Post Up Stand Delivers:

- **High-Quality Portable Products**
- **Great Prices**
- **No Setup Fees or Rush Charges**
- **48 Hour Turnaround (After Proof Approval)**
- **Outstanding Customer Service**



Advertising Tents



Event Displays



Vinyl Banners



Table Throws & Runners



Retractable Banner Stands



Teardrop Banners



Large Adjustable Displays



Quick Fabric Displays

Attract More Attention and Showcase Your Message!

www.postupstand.com | 1.800.935.3534 | Maple Heights, OH



Visit us online to see our complete line of products.

*This one-time offer cannot be combined with any other discounts or promotions.

Keeping Classrooms Quiet and Safe



Acoustical Doors That Are Also Bullet Resistant

Students and teachers both thrive in learning spaces free of unwanted noise. Krieger's acoustical doors enhance learning by exceeding the ANSI Standard S12.60-2002, and now they add safety to the classroom with an included bullet resistant rating. Plus, all Krieger doors are manufactured to your requested size, style, and finish.

Acoustical Rating	Bullet Resistance
STC 45 - 48	UL Level 1 & 2
STC 49 - 53	UL Level 3



www.KriegerProducts.com/PUPN

about it, and that makes people very depressed and hopeless. We're showing students a viable pathway for how to do this."

In fact, the entire campus community benefits from Bates' inclusive approach to green action. "In terms of sustainability," he says, "Bates has a really deep bench."

Keeping Interest and Support Levels High

Initiatives like the Green Innovation Grants program keep the interest high among staff, faculty, and students alike. And the CER, legislated into existence in 2007 and currently chaired by physics professor Travis Gould, "is in a unique position to address higher-level sustainability policy," says Twist.

"That was the group that leveraged what we knew about carbon neutrality and suggested that we advise senior staff that we were within striking distance of neutrality."

"Bates has stepped up, taken responsibility for its carbon footprint, and done so in a way that should be a model for other institutions," says Gould. "It's been a process of years, and I want to recognize the contributions of faculty—in teaching, research, and leadership—that helped get us to this point. This really has been a collective effort."

A recent poll of the Bates campus community showed that virtually the entire student body, and 96 percent of staff and faculty, supported the college's attainment of carbon neutrality by 2020. Slightly more than half of first-year students polled by the college Admission office said that they—like Tamsin Stringer—were attracted to Bates by its commitment to environmental sustainability.

A Success Story Years in the Making

After peaking in 2003, Bates' greenhouse gas emissions dropped dramatically in 2005, the year the college began sourcing all of its electricity from wind power.

In 2007, the year Bates joined the American College & University Presidents' Climate Commitment, emissions were less than half of the 2003 high-water mark.

Between campus-wide efficiency measures and the sharp reduction made possible by the switch to RFO, emissions plummeted again starting in 2015—all this despite the addition of some 200,000 square feet of building space to the campus since 2001.

Bates is relying only minimally on the purchase of carbon offsets to attain carbon neutrality. The college will spend about \$7,000 annually to offset fossil-fueled heat in certain buildings and travel to and from campus, including air travel for student study abroad and faculty research trips.



ABOUT THE AUTHOR: Doug Hubley writes and edits text for Bates publications, including the Campus Construction Updates. He also edits listings of public events taking place at the college and handles certain media relations duties, including publicity for arts events.

Find Your Way with APCO Signs!

Signs often make the first impression for visitors and students on your campus. Let APCO make that first impression count with our proven array of sign systems that provide campus-wide solutions to both interior & exterior wayfinding needs. Contact APCO today for a free signage consultation.

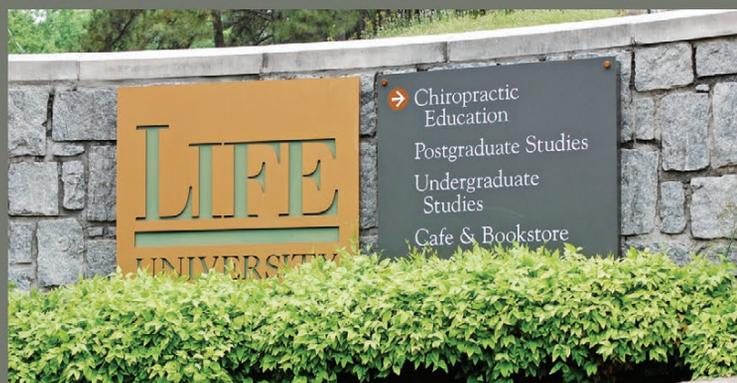
Email: sales@apcosigns.com

Web: www.apcosigns.com

Ph: 877-988-APCO



 Brandon Hall	
FLOOR 1	
Office of the Dean	100
Office for Graduate Studies	104
Café	121
FLOOR 2	
Political Science Office	203
East Asian Languages	205
Political Science	217
WU	



apcosigns.com

388 Grant Street, SE
 Atlanta, Georgia 30312
 Web: www.apcosigns.com
 Email: sales@apcosigns.com
 Phone: 877-988-APCO

SUITMATE®: Keeping swimmers happy since '83



An innovative system that efficiently removes 95% of water from a wet swimsuit in just eight seconds

1-800-553-3353 • info@suitmate.com

www.suitmate.com





Manufactured by Extractor Corporation
685 Martin Drive • South Elgin, Illinois 60177 • USA
1-800-553-3353 • info@suitmate.com

Solve Wet Swimsuit Problems in Seconds

Built upon the pillars of quality, integrity, and customer service, Extractor Corporation, creator of the SUITMATE® Swimsuit Water Extractor, has spent nearly four decades revolutionizing the commercial aquatic industry with a swimsuit water extractor that efficiently removes 95 percent of water from a wet swimsuit in just eight seconds.

An ideal amenity for universities, fitness clubs, and swim clubs, the SUITMATE® unit helps to keep facilities cleaner, safer and drier by preventing water damage caused by dripping wet swimsuits while also providing busy patrons a convenient way to take a drier swimsuit home.

Constructed from 304-series, medical-grade stainless steel, the SUITMATE® unit is designed to withstand high-moisture environments better than other material alternatives. With global safety and electrical certifications, the easy-to-maintain SUITMATE® Swimsuit Water Extractor is safe to use and install in aquatic and leisure facilities around the world.

As a family-owned business, Extractor Corporation takes pride in pairing exceptional and caring customer service with a superior product. Designed with high-quality materials and backed by product and service integrity, customers around the world have come to view the SUITMATE® Swimsuit Water Extractor as the pinnacle of aquatic amenities.



3 steps to drier swimsuits



Domestic & international
electrical configurations
available



www.suitmate.com





REIMAGINING 1970'S BUILDING

I.W. "Ike" Cousins Center for Science and Innovation

by Liana Moran

Expanded 45,000-square-foot student hub features flex learning spaces.



When the Fall semester began on Aug. 19, science and business students at Oglethorpe University attended classes in the newly completed I.W. “Ike” Cousins Center for Science and Innovation (formerly Goslin Hall).

Located on the historic quadrangle of the campus, the original, three-story modernist building was transformed into a union of contemporary innovative architecture and a reflection of the authentically crafted Collegiate Gothic buildings on campus.

The new center now houses laboratory classrooms and spaces for interactive study across disciplines as well as the university’s newly established Q. William Hammack Jr. School of Business.

Cooper Carey led the design for the nearly 50-year-old building’s exterior and interior renovations as well as its 25,000-square-foot addition, a U-shaped structure wrapping three sides of the original 1971 hall.

This approach not only limited the waste of demolition by reusing the existing structure, but also preserves available land on campus for future growth. The redesigned Cousins Center incorporates modern elements such as extensive glass walls to let in light and provide expansive views, multiple new entryways that connect pedestrians from all corners of campus and enhanced accessibility.

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

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.

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

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

Report measurements over the Internet. For all remote applications and Building Surveillance.



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.

“The reimagined Cousins Center is now a place where the Oglethorpe community can meaningfully interact in creative spaces that deepen learning and foster success for the next 50 years.”

— LARRY SCHALL, PRESIDENT OF OGLETHORPE UNIVERSITY

Blending Historic with the New

To create a design that blends the historic with the new, the design team translated historic proportions for roof slopes, stone detailing, and windows after analyzing the original hand-drawn blueprints for Lupton Hall, the second oldest building on campus, which have been preserved by the Atlanta History Center.

Many of the innovative contemporary elements such as curtain wall, metal panels and roof overhangs were based on the fundamental proportions of the historic documents discovered by the design team. In addition, slate roofing tiles, granite walls

and precast concrete detailing echo the campus’ dominant Collegiate Gothic architecture, which is listed on the National Register of Historic Places.

The exterior stone from the original building was also preserved and repurposed as interior walls after the addition was built around it.

“As a new central hub for the campus, the science and business schools provide a unified environment to spark creativity and encourage cross-disciplinary collaboration. This focus on communal innovation and collaboration was a critical component of the design,” said Brian Campa, principal at Cooper Carey.

Campa adds, “By opening up the old spaces and creating interconnected environments, the Cousins Center puts learning and collaboration on display, capitalizing on the building location to create an important crossroads for students at the heart of the campus.”

About the Design

Cooper Carry provides architecture, planning, landscape architecture, interior design, lab planning, environmental graphic design and sustainability consulting services.

Founded in 1960, the firm specializes in the design of corporate, education, government, hospitality, mixed-use, office, residential, retail, science + technology, and transit projects.

Engaging a fundamental design philosophy centered on the concept that environments should connect people to people and people to place, the firm promotes the philosophy of “connective architecture.”

Designers understand the local market and the specific cultural and physical contexts in which the building will serve those who interact with it while conceiving memorable spaces, inside and out.



VERDER
scientific

Science for Solids

- Materialography
- Hardness Testing
- Heat Treatment
- Elemental Analysis
- Milling & Sieving
- Particle Analysis

VERDER SCIENTIFIC sets standards in high-tech equipment for quality control, research and development of solid matter. The well-known Verder Scientific brands have served research institutions, analytical laboratories as well as manufacturing companies in quality control and process applications for many decades with ever more sophisticated and reliable products which offer the solution to their individual task.

Verder Scientific Inc. · 11 Penns Trail · Suite 300 · Newtown · PA 18940 · USA
Phone: +1 866-473-8724 · info-us@verder-scientific.com · www.verder-scientific.com

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 and Kinesiology Classes
- ▶ Faculty and Staff Wellness Programs
- ▶ Community Wellness Initiatives
- ▶ Fitness and 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. It’s 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*



MicroFit, Inc. has been producing quality Fitness / Wellness assessment software and medical grade testing equipment since 1986. Several hundred colleges / universities have benefited by using a wide range of MicroFit products designed to:

1. Provide comprehensive, easy to use, Fitness Profile software for campus recreation, human performance labs, Kinesiology – Sports Science classes, and for a growing number of personal training certification courses.
2. Provide a comprehensive Wellness Profile Questionnaire to identify specific lifestyle behaviors with constructive recommendations on how to improve one’s overall wellness score.
3. Provide comprehensive, easy to understand, Lifestyle reports which help to educate, motivate, and encourage students to improve their own fitness level, general health, and personal productivity.



4. Provide a full range of quality fitness testing equipment, including their advanced FAS-2 System with integrated accessories which have been a part of MicroFit’s product development for over 30 years.

In summary, Fitness / Wellness Assessments are now considered one of the “best practices” to enhance an overall campus life experience; with HealthWizard software, group analytics can also allow organizations to create “evidenced based outcomes” to assess the results from their investment in staff, facilities / equipment, as well as their overall health promotions and wellness programming efforts.

Get Started Today with a “quick tour” webinar & Free HealthWizard Trial Download.

MicroFit Wellness and Fitness Systems • MicroFit.com • 800-822-0405 • sales@MicroFit.com



Providing Ample Natural Light

The design team recognized the importance of providing ample daylight to maximize energy efficiency, save costs and improve the student experience.

According to a 2018 report by Urban Land Institute, exposure to daylight and access to windows have been linked to better productivity during the day and better sleep at night, as well as improved mood and cognitive function, less sleepiness, lower blood pressure and increased physical activity.

Natural light carries throughout the center with glass walls dividing classrooms and interior hallways, also benefitting interdisciplinary communication and interaction.

Active Learning with State-of-the-Art Technology

Inside the center, updated laboratories facilitate active learning with state-of-the-art technology. A new space called “The Garage” features a stage and tiered bleacher seating for events as well as an industrial garage door, which opens to a quad-level outdoor terrace.

the Green Earth
deicer company

ICE MELT

ENVIRONMENTALLY FRIENDLY “GREEN” DE-ICERS FOR PROFESSIONALS

GRANULAR

CALL TOLL FREE:
1-800-528-1922
PHONE: 920-238-0482
Promotional code: PUPN
VISIT US ONLINE AT:
GreenIceMelt.com/pupn

GREEN ICE MELT

LIQUID

DO YOU NEED TO EXTEND YOUR SALT SUPPLY?
UNABLE TO OBTAIN ROCK SALT FROM YOUR SUPPLIER THIS YEAR?

Use “Salt Saver - Liquid” and make your salt go farther, saving money and supply.
Longer lasting - Lower application rate - Fewer applications - Colder Temps
Also, see our other great environmentally friendly products - ALWAYS IN SUPPLY!
CMA - Safe for NEW CONCRETE • Green Earth Ice Melter • Clean Sweep Liquid

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

The operable garage door blends the indoor and outdoor realms, providing another area for students to gather with peers or find pause in nature. Upstairs, a loft space serves as a new incubation lab where students can develop startups or create products, with reservable meeting rooms, teaming furniture and technology for collaboration.

“As our university grows and evolves to meet the demands of the 21st century, we want to provide Oglethorpe’s next generation with the tools to develop dynamic, forward-thinking ideas,” said Oglethorpe University President Larry Schall.

“The reimagined Cousins Center is now a place where the Oglethorpe community can meaningfully interact in creative spaces that deepen learning and foster success for the next 50 years.”



ABOUT THE AUTHOR: Liana Moran is the Media Contact for The Wilbert Group. She can be reached at lmoran@thewilbertgroup.com.



We are dedicated to **creating community oases** by enhancing outdoor spaces.

Bicycle Security Solutions - madrax.com | Site Furnishings - thomas-steele.com



SHIPPING SUPPLY SPECIALISTS

**OVER 2,600
JANITORIAL ITEMS
IN STOCK**



ULINE WIPERS

HEAVY DUTY
S-13630
 12 x 17" BLUE
 160 WIPERS/BOX

1-800-295-5510
uline.com

ORDER BY 6 PM FOR SAME DAY SHIPPING

1-800-295-5510 uline.com

Hydraulic, Hinge-Closer System Tested to 500,000 Cycles

SELF-CLOSES HEAVY-DUTY GATES FROM 180°

MAINTENANCE FREE – POWERFUL HIDDEN HYDRAULICS THAT DON'T LEAK

TESTED TO OVER 500,000 OPEN/CLOSE CYCLES!



The new, robust SureClose® 180° – patented, two-part hydraulic hinge and closer system. Efficiently self-closes and soft-closes gates up to 180 lb from 180°.

- Backed by a NEW industry best 5 Year Warranty*
- Highly Adjustable – vertical, horizontal, closing force and final snap action.
- Anti-back slam feature gradually slows opening gate speed after 90°, preventing damage.
- Models available in aluminum and steel brackets. Both can be screwed-on or welded-on.
- Serviceable – replacement hydraulic piston cartridges are available to further extend closer life.
- Suitable for ADA usage, with easy, high security installation that includes tamper resistant Torx screws.

*Warranty conditions vary according to gate or door application and usage. See full Warranty details and limitations on D&D Technologies' website.

D 5 YEAR
LIMITED
WARRANTY

☎: (800) 716-0888 🌐: ddtech.com ✉: info@ddtechusa.com



Copyright © 2019 D&D Technologies



D&D Technologies
World's most trusted gate hardware

World's First Integrated Gate Latch and Alarm

D MAGNALatch® ALERT

World's #1 Pool Safety Gate Latch For Over 30 Years

SAFETY

- Visual & Audible alarms
- Emits a single beep upon each entry or exit
- Full alarm mode if gate is left open over 15 seconds
- Visual indicator provides locked and unlocked status
- 6-pin re-keyable security lock
- Meets international pool barrier codes

RELIABILITY

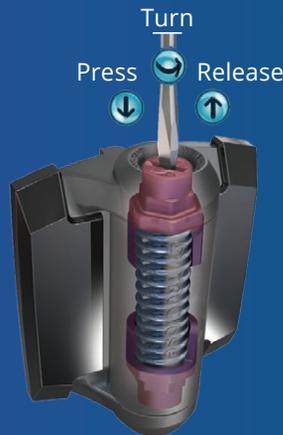
- Constructed of rust-free industrial-strength polymer and marine grade stainless steel components
- Release knob is more ergonomic and child resistant
- Tested to 2 million cycles

LIMITED LIFETIME WARRANTY

2-Year Warranty On Alarm Unit

D TRUClose®

Self-Closing Gate Hinges



- D&D patented tension adjustment
- Adjust tension from either end
- Meets international pool barrier codes
- Heavy Duty Range self-closes gates up to 154 lb (70kg)
- Decorative trim covers included - no visible fasteners

LIMITED LIFETIME WARRANTY

Order now at magnalatchalert.com

☎ : (800) 716-0888 🌐 : ddtech.com ✉ : info@ddtechusa.com



NATIONAL DROWNING PREVENTION ALLIANCE



Copyright © 2019 D&D Technologies



D&D Technologies
World's most trusted gate hardware



Butler University Combines
**TRADITION &
INNOVATION**
in New Science Complex

by Cassidy Clevenger

Butler University in Indianapolis, Indiana, is utterly devoted to offering their students the best possible educational experience. Butler's dedication to this goal is further realized by the recent debut of their \$100 million renovation and construction project for their new science complex, which combines both tradition and innovation.





Environment and Encouragement

The science complex project will be the largest investment undertaking to date for the college, and it will certainly take Butler to a completely new level of academic excellence. The complex includes innovative and cutting-edge classrooms and labs that mimic those of today's top-research companies.

The design of the spaces encourages students to do interdisciplinary work with other cohorts, which can help teach valuable teamwork skills that are a necessity for any future researcher. One example of Butler's enthusiasm for collaboration and technology is seen in Holcomb's observatory; Butler's Physics and Astronomy programs are a part of a consortium involving three of the top observing sites in the world, which students are able to view via computers on campus.

The first phase of the project included an additional 44,000 square feet as well as a 13,200 square-foot atrium. In the following two phases, Butler has renovated their existing science buildings, Gallahue Hall and the



PROTECTING PEOPLE SINCE 1925

What inspires you, inspires us.

The world can be a dangerous place.
Science may not always offer a cure, but it offers a chance.

At Labconco, we are motivated by the belief that our work could make a difference.
We suspect you feel the same way. Here's to a safer world. labconco.com



LABCONCO

SUPERIOR®

AMERICA'S MOST COMPLETE LOCKER LINE®

Recruit Like A Champion
Demand Superior® Recruiter Lockers

RECRUITER

SUPERIOR Wood Sport Lockers™



800-776-1342

✉ info@ListIndustries.com

🌐 ListIndustries.com





Holcomb Building. By the end of the project, the new science complex will include 96,000 square-feet of expansion and renovations.

A Culture of Cooperation

As research becomes more focused on collaboration, and less on working in silos, it is ever-increasingly important for students to learn early the importance of interdisciplinary efforts. This is one reason Butler made the intentional choice for state-of-the-art designs which allow for professors to teach using more hands-on methodology, and engage with the students like colleagues.

Over the last decade, Butler’s science program enrollment has increased 70%, which highlights the need to invest in this aspect of the institution. The labs, classrooms, and study areas will be used for Chemistry, Astronomy, Physics, Engineering, and Psychology undergraduate students.

Additionally, Butler is planning to explore other related fields, such as Neuroscience and Data Science, as those fields offer increasing job opportunities.

Financing this Project and More

Butler needed \$100 million for the new science complex to be all the college envisioned. Strategic plans for the project were originally discussed in 2011, and the planning was put into action starting in 2014.

Once a plan of attack was established, the construction was able to begin in 2017. At this time, when the construction of the science complex was in its infancy, Butler raised \$27.5 million through philanthropic donations, mostly via Butler alumni.

The institution recently launched the largest-ever comprehensive fundraising campaign; this year, President James “Jim” Danko announced at the groundbreaking of the new science complex his plan for *Butler Beyond*, the university’s new strategic plan involving a \$250 million capital campaign fund. The campus is aspiring to reach their goal by May 2022. As of October, 2019, Butler has raised over \$172 million toward the fund.

Investing in Indiana

Butler is proud of their greater community, and they want to help their area grow and expand. The university hopes their efforts will further cement Butler as a top-tier school at both a state and national level.

The new science complex will allow their outstanding students and faculty to work in an equally impressive location to teach their students the needed skills and talents to practice



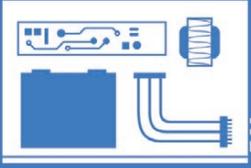
**Life.
Safety.**

Emergency Lighting
...for the reasons that matter most





UL Listed, True Constant Power
Emergency LED Drivers



Mini and Micro
Emergency Inverter Systems



Energy Saving
Auxiliary Control Devices

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






research in Indiana post-graduation. In 2016, a study found that 63% of their science grads stayed locally to begin their careers, thus proving how investing in students early can aid in local economic growth for the city and state.

Additionally, the university has a long history of attracting young women to their STEM programs, and in recent history, the majority of their STEM graduates have been female. In fact, Butler has more Lilly Scholar recipients than any other comparably sized institution. The new science complex will only increase the educational and career opportunities for their female students.

Change and Tradition

Butler has a realistic approach to construction: either fix it now or fix it later; either way, the project(s) will have to happen. Though there are certain challenges, such as dust, noise, and parking issues whenever construction is underway, the long-term outcome is well-worth the temporary hassle. As Paul Valliere, Emeritus Professor of Religion at Butler, said during the 2018 State of the University Address, “Butler cannot just exist in a steady state; we need to change to move on.”

Valliere explained how change is something that should be celebrated on campus—with all students and faculty who have spent time on Butler’s campus having experienced programs or buildings adapting and morphing over time; this growth is something to be admired.

That being said, Butler has been able to maintain many of the same values and vision over the passing decades, due to their commitment to ethical academic brilliance. Valliere stated, “In my view, we have achieved a proper balance—a healthy synthesis—of change and tradition.”

One year later, at the most recent State of the University Address, President Danko expanded upon Valliere’s previous points. Danko described how encouraged he is by the progress Butler has made, explaining he believes the university is stronger than ever.

The future of Butler, though planned out, is still flexible in nature, which allows for some breathing room while they continue to strive for what the *Butler Beyond* initiative defines as the “educational quality, expectations, and outcomes” they are working toward.



new construction

PRESENTATION BINDERS

Make your next proposal a success with Four Point’s Clearview Binders. Simply print and slip your custom design into the clear sleeves on front, spine and back cover, and you’re ready to go!

- **READY TO SHIP**
- **CHOICE OF SIZES**
- **VARIETY OF COLORS**
- **ECO-FRIENDLY POLYPRO**
- **MADE IN THE USA**

Prop 65 and CPSIA compliant

FOUR POINT PRODUCTS

800-456-6603
fourpoint@binders.com
www.fourpoint.com/pupn



ABOUT THE AUTHOR: Cassidy Clevenger is a Samford University alum. She is currently in graduate school at Samford in the MSW program, while working as a staff writer.

Replacing Your Water Heater Every Few Years is Not Our Business Plan



Conquest[®] condensing, gas-fired water heaters are constructed from AquaPLEX[®] duplex stainless steel so they're corrosion-resistant in potable water at any temperature. Available in 199-1000 MBH, Conquest provides even more BTUs in small spaces and fits through a standard 36-inch doorway. With a thermal efficiency of up to 96%, long product life and a 15-year tank and heat exchanger warranty, you can't afford not to have one.

AquaPLEX[®]
Engineered Duplex Alloy



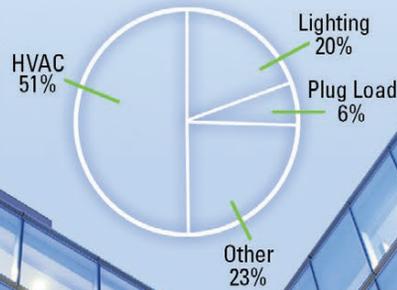
800.784.8326 | pvi.com

Engineered Water Heating Solutions[®]

ATTENTION: Commercial building energy costs are hitting the fan.

Over 20% of energy consumption in commercial buildings is HVAC supply and return fan usage – more than lighting in most buildings.

Should air filtration be your next energy conservation measure?



AIR CLEANING SYSTEM

How can the Dynamic V8® Air Cleaning System save you money?

- We can cut fan energy in half
- 2/3 less fan energy than MERV 14 filters
- Extends filter service intervals from months to YEARS
- Better IAQ with MERV 15 performance
- Removes ultrafine particles, VOCs and odors

Visit DynamicAQS.com or ask us about a free Life Cycle Cost Analysis to find out how much you can save on fan energy and maintenance costs.



THE SCIENCE OF CLEAN AIR



PO Box 1903
Pelham, AL 35124

PRSRD STD
US POSTAGE
PAID
PERMIT 284
MIDLAND MI

“We love our collaboration space”

—Jessica, IT Facilities Manager



With SMARTdesks, you get the benefits of our ergonomic furniture designed with technology integration in mind, computer security, and optimized desktop real estate, all in one convenient place.

Our expert team of designers has helped Columbia University Medical School, Notre Dame School of Business, J.P. Morgan Chase, the U.S. Postal Service, and countless other top institutions realize their mission. The client training room pictured here features a flipIT Laptop Safe,® a secure charging cabinet at point of use, integrated with height-adjustable Quark® tables.

Your options are limitless with SMARTdesks® – what are you waiting for?

where design meets technologysm

SMARTDESKS®

www.smartdesks.com

800 770 7042