

CLEVELAND STATE UNIVERSITY FACILITIES SERVICES

2017 Annual Report



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(L-R) Bruce Ferguson, University Architect; Randy Bowling, Communications Specialist; Jennifer McMillin, Director of Sustainability; James Gross, Director of Facilities Administration and Fiscal Operations; Shehadeh Abdelkarim, Executive Director of Facilities Services

MESSAGE FROM LEADERSHIP

This year the Facilities Services Department saw another successful year in serving the campus community. In keeping with CSU's goals, our professional team has beautifully maintained and enhanced the campus image. We pride ourselves on excellent service and our handling of routine maintenance and customer projects. The partnership between the Office of Facilities Management and the Office of University Architect (OUA) provides CSU with the best possible outcomes for new buildings as well as renovated spaces on campus. Establishing CSU's standards and holding contractors accountable to meet CSU's goals is a joint effort.

We take pride in our campus and visitors to CSU notice the results. Sightlines facilities planning advisors assessed our performance in 2017 and concluded that in comparison with our peers, our service level is unsurpassed. The Sightlines' report highlighted the effectiveness of our team, in spite of limited resources. Our customers also recognize our efforts as demonstrated by a 94% overall satisfaction rating in our annual survey.

The volume of service requests exceeded 7,000 of which 981 were projects managed by our capable project management staff. Key projects completed this year include the addition of Washkewicz Hall and the remodeling of several labs and classrooms in Main Classroom and Science buildings. The campus sidewalks received a \$500,000 repair and replacement face-lift, greatly improving the outdoor appearance of the campus. In addition to these special projects, our team performed 18,329 routine maintenance work orders in 2017.

Our new Director of Sustainability has hit the ground running, providing information to the campus community on current sustainability efforts as well as

new initiatives. Earth Day celebration in April 2017 was a great success. The sustainability office is also hard at work creating green campaign materials, emissions reporting and decreasing our contribution to landfills and increasing our recycling rate

We value our community and several members of our team serve on various campus committees. Our engagement with students goes beyond internships and student employment. We engage them in their classrooms with systems information and tours, as well as attend key student organization's meetings. The addition of our communications specialist has kept us connected with both campus and community activities. CANstruction, a charitable activity to raise food for the Lift Up Vikes food pantry, was a fun and rewarding experience for our team. Our communications specialist has also reached more people than ever with over 948 Facebook posts engagement and 46,705 Twitter impressions.

In a complex world of partnerships, our Director of Facilities Administration dots the I's and crosses the T's of all lease agreements. Through his efforts, we maintain a positive relationship with our partners and neighbors, like Playhouse Square, Trinity Cathedral, Middough Inc. and many more.

We, the leaders of the Department of Facilities Services, appreciate the effort and dedication of our team and are proud of their achievements in 2017 to improve the appearance of CSU and maintain its physical infrastructure and facilities. We will continue to improve our superior service performance as we engage with our customers to ensure that we are providing the great service that they have come to expect.

SUSTAINABILITY

The Office of Sustainability exists to reduce the environmental impact of campus operations through energy efficiency, resource conservation, waste reduction, education, and community engagement.

RECYCLING

CSU received two Cuyahoga County Solid Waste District Recycling Container Grants. These allowed us to expand the battery recycling program with 22 containers across campus, install 20 recycling bins in the Wolstein Arena, and place two plastic bag recycling bins in the library of Rhodes Tower.

The table below outlines efforts to reduce waste to landfill and increase diversion rates from 2015-2017.

	2015	2016	2017
Tons of trash	1,044.70	1,043.60	1,014.13
Tons of recycling	265.36	292.53	286.82
Diversion rate	20.26%	21.89%	22.05%

Other improvements to the recycling program included the placement of new labels on bins across campus.

EDUCATION

The Green Event Guide was published to assist planners to reduce waste at meetings, conferences and events. The Green Move-in Guide was developed to reduce student's impact on the environment when moving into the dorms. The Holiday & Weekend Checklist offers suggestions for conserving energy and water when you'll be out of the office (or your dorm room) for more than a day or two.

COMPOSTING

CSU Dining implemented a kitchen waste collection program which diverted nearly 20 tons of organic waste from landfill in 2017.



ALTERNATIVE TRANSPORTATION

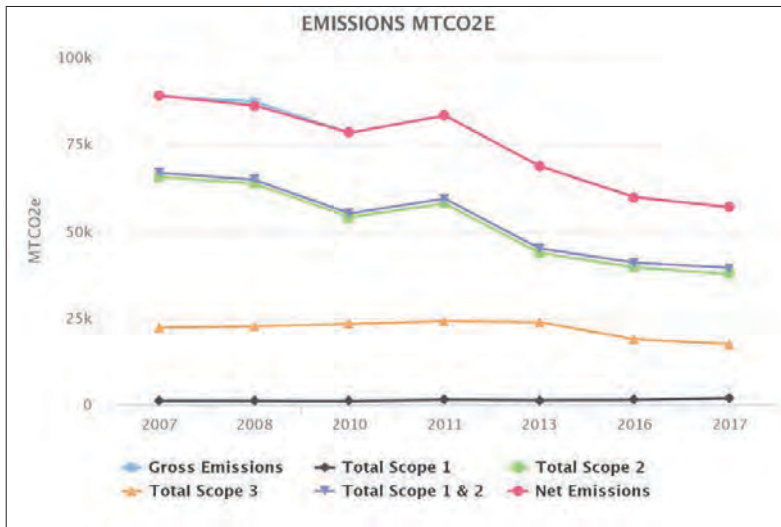
With support from the Northeast Ohio Areawide Coordinating Agency (NOACA), CSU launched the Gohio Commute trip planning tool for students, faculty and staff.

CSU also became one of the dozens of locations across Cleveland to host a bike sharing program courtesy of UHBikes.

ENERGY AND EMISSIONS

The U.S. Environmental Protection Agency recognized CSU as an Individual Conference Champion in the 2016-17 College & University Green Power Challenge for using 18 million kilowatt-hours (kWh) of green power, representing 30% of our annual electricity usage.

CSU has achieved a 36% reduction in greenhouse gas emissions through energy efficiency projects, procurement of green power, and our district steam provider's transition from coal to natural gas.



EMISSIONS BY SCOPE

SCOPE 1 EMISSIONS: on-campus fuel combustion (natural gas), transport fuels, fertilizers and refrigerants

SCOPE 2 EMISSIONS: off-campus combustion of fuels for purchased electricity, steam, and chilled water

SCOPE 3 EMISSIONS: air travel, commuting, waste, wastewater, and transmission and distribution (T&D) losses associated with Scope 2 emissions

EARTHFEST 2017

CSU recognizes Earth Day in April with our own EarthFest event highlighting sustainability on campus and beyond. Over 400 attendees enjoyed 35 exhibits, a giant earth dome, a free bike check service, a clothing swap and electric vehicles.



SUSTAINABILITY TRACKING, ASSESSMENT & RATING SYSTEM (STARS)

CSU was awarded a STARS Silver rating from the Association for the Advancement of Sustainability in Higher Education (AASHE) in recognition of our sustainability achievements. The reporting process allowed us to thoroughly and accurately benchmark our sustainable performance in academics, engagement, operations, administration, and leadership.

CAMPAIGNS

Take the Stairs

Signage placed near elevator buttons across campus reminds users to choose the stairs over the elevator to save electricity and promote physical fitness!



Refills Not Landfills

Reusing your own water bottle keeps plastic out of landfills and saves money!



FACILITIES MANAGEMENT

The Facilities Management (FM) team has gone through a major transformation in 2017. The team has successfully completed more than 24,000 work orders and the Coordination Center has been reorganized and brought over to FM.

Our team prides ourselves on beating the customer to the punch and finding issues before they do. The effort is paying off as we have created 87% of all work orders while customer-initiated work orders amounted to 13%. The mail team has delivered more than 325,000 pieces of mail. Some of the work done by the FM team is never seen such as electrical gear maintenance, pumps, chillers, tanks, air handling units, vehicles, underground piping, irrigation lines filling and draining the chilled water lines, building automation systems, maintaining our cooling towers and so much more.

Aside from routine maintenance, the FM team has performed several projects on campus and played an integral part in all major renovations or new facilities. Construction projects like Washkewicz Hall, Science Building lab renovations and Main Classroom renovations highlight the engagement of the FM team with end users of these facilities and contractors that construct these new spaces. The FM team also provides project oversight on infrastructure improvements such as sidewalk repairs and the Rhodes Tower Elevator upgrades.

TOTAL WORK ORDERS	
Carpentry	1,166
Curtain, Shades, Blinds	14
Custodial	2,993
Electricians	1,460
Elevators	234
Project Management	10
Grounds Maintenance	225
Maintenance Engineers	1,114
Maintenance Technician	950
Movers	3,427
Operating Engineers	9,856
Pest Control	339
Plumbers	1,550
Signage	61
Vehicle Maintenance	603
TOTAL	24,002



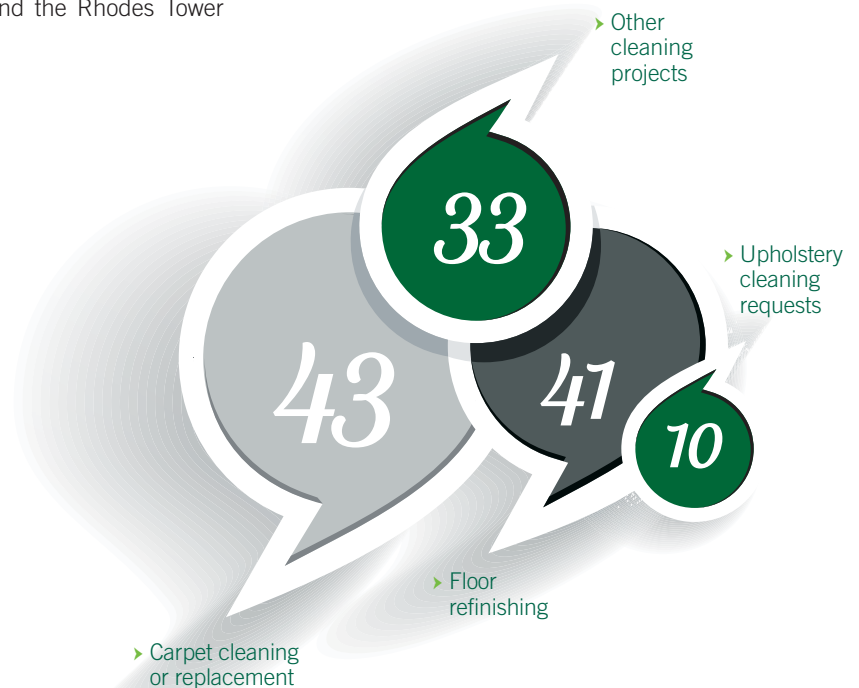
CUSTODIAL SERVICES

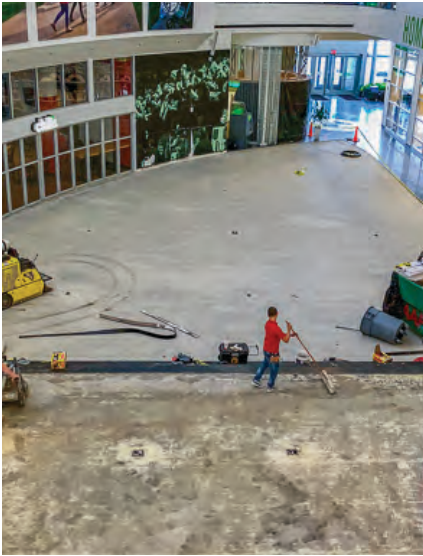
Custodial Service Department of sixty full time, three part-time and two temporary employees. Our management team is comprised of three people. Our team is responsible for maintaining 4.2 million cleanable square feet on our beautiful campus. This year has been a challenging year for our team we have taken on two new buildings Veterans Affairs (Trinity Commons) and the new Washkewicz Hall.

Total Work Orders

- 664 for custodial work orders
- 330 of those requests were for immediate cleaning

We had a total of 304 event cleanups on campus.





This year the Custodial Services team also spearhead the replacing of the wood floor on the first floor of the Student Center. The floor had become incredibly difficult to maintain due to its age and the amount of water that was tracked in from the outside. The new floor is vinyl which is more resilient and easier to clean than the previous wood floor.

ELECTRICAL OPERATIONS

In 2017, the Electrical Operations team executed LED lighting upgrade projects all through campus. The internal CSU FM team was able to save the university \$150,000 for these projects by performing the work in-house compared to outside contractors. While performing this work, we also lowered our energy consumption by over 653,000 kW equivalent to powering about 60 residential homes. We have also changed our specifications for architects, designers and contractors requiring them to incorporate only LED lighting for new and renovation work on campus.



- With the weather turning favorable, we were finally able to add additional lighting to the once dark Physical Education/Julka Hall plaza. This area is now well lit and creates a safer environment for all those walking after dark.
- We have started installing Wi-Fi clocks in classrooms around campus. Main Classroom building has 20 of the first 25 clocks on campus.
- Our team has been working with the CSU Technology and Distance Learning group to upgrade student experience in classrooms with new Audio/Visual technologies.

BUILDING MAINTENANCE

The Building Maintenance team maintains and repairs the campus by providing doors, plumbing, flooring, roofing, painting, windows and much more. The team also assists in audio-visual projects and small renovations.

WORK ORDERS COMPLETED IN 2017

Maintenance Techs	916
Capenters	1,158
Maintenance Plumbers	1,555

Zone Maintenance Projects Completed	37
Customer Service Request Projects Completed	286
Including work on 14 Classroom AV Upgrades	

To help ensure health and safety in 2017

- 2 of our staff were Certified Asbestos Contractor Supervisors"
- 5 were certified as Asbestos Workers
- 6 were certified in Asbestos Awareness
- 6 of our team were certified in Aerial and Scissor Lift Operations
- 7 is a Hilti Qualified Operator of Power Actuated Tools

The FM team tracks all concrete damage on campus and makes repairs as needed. In 2017 several sidewalks were repaired making our sidewalks safer to walk on and enhanced the image of our campus grounds. Sidewalks outside FH, FT, SI, SR, MM, MC, MU, LB and RC were addressed. Additionally, the team noticed a trail of pedestrian traffic on the lawn outside the Law School connecting East 19th Street to right across from the Union Building on Euclid Avenue. The team took action and installed a new concrete pathway to replace the foot trail making it easier to walk to Union Building from East 19th Street.



BUILDING OPERATIONS

The Building Operations team responds to all HVAC related calls and performs maintenance and preventive maintenance on all mechanical equipment on campus. The team also maintains water chemistry and equipment of the university's Olympic size swimming pool and a smaller pool. During emergencies on campus the building operations team responds to fire alarms, power outages, elevator entrapments, floods and any other severe damage to university property.

Every semester staff give a tour of the chiller system to students at the Washkewicz College to give them hands-on experience in building operations.

- Work orders completed in 2017 by Mechanical Operations **10,970**
- Preventive Maintenance work orders completed **2,791** which accounted for **6,612** man-hours.
- Air filters changed on campus in 2017 **4,311**

Certification Held by Mechanical Operations Team Members

Pool and Spa Operator
Back-flow Prevent-er Inspector
State of Ohio Board of Building Standards Building Inspector and Mechanical Inspector
Northwest Energy Efficiency Council Building Operator Level 1
Member of OPFMA Ohio Public Facilities Maintenance Association
Stationary Engineer License



Upgrading the Machines of Campus



Installation of new small pool sand filter tank and related piping.



Installation of a new bundle for the heating hot water systems heat exchanger.



Motor rewind for Chiller #1 Rhodes Tower Chill Water Plant.

LOGISTICS

The Logistics team is comprised of Moving and Recycling, Motor Pool, and Mail Services. These teams allow for detailed coordination throughout the other departments within Facilities Management and help with organization, planning and execution of services with transportation of services throughout the campus community.

- In 2017 the logistics team completed **3,423** work orders, a **36%** increase from 2016.

MOTOR POOL

The motor pool team provides the car, motorcycle, and bike maintenance for the Parking Office, Office of Facilities Management, and the University Police Department. The CSU fleet currently consists of 85 cars, 2 motorcycles, and 9 bicycles.

Over the past several years, Motor Pool has become more efficient and environmentally friendly. The new vehicles purchased for the motor pool are all equipped with the option for E85 fuel, B20 fuel, and CNG. Over the past 3 years, we have added three Neighborhood Electrical Vehicles to our fleet.



RECYCLING

The recycling team has put great effort into getting the word around campus with the help of the Sustainability Office. This has been evident with the new recycle labels and signage throughout campus.

We have also made a conscious effort to increase our ability to provide confidential shredding bins to the campus community at a cost-effective price. Gateway Recycling has been a great partner in this endeavor. The Gateway Recycling close loop initiative is a safer way of recycling confidential files.

COMMODITIES REPORT FOR RECYCLING

CARDBOARD

CORRUGATED BALED	127,508
CORRUGATED LOOSE	316
CORRUGATED REBALES	2,864
TOTAL	130,688

METALS

ALUMINUM CANS LOOSE	1,091
TOTAL	1,091

PLASTICS

LDPE GRADE A LOOSE	245
LDPE GRADE B LOOSE	20
MIXED PLASTIC LOOSE	1,476
MIXED PL & ALUM CANS	108
PET BOTTLES LOOSE	5,400
PP BOTTLES LOOSE	896
PP TRAYS LOOSE	124
TOTAL	8,269

PAPER

MIXED PAPER LOOSE	129,088
OFFICE PAPER LOOSE	20,722
WHITE LEDGER LOOSE	848
NEWSPAPER LOOSE	31,869
BOOKS	16,326
CONF DESTRI/ SHRED	31,869
PRINTERS MIX LOOSE	3,168
TOTAL	233,890

Weights are in pounds

MOVING

Recycle Pickups	865
Delivery/Pickup Dumpsters or Bins	349
Misc.	38
Supply Delivery	504
Shipping/Receiving	999
Moving	328
Trash Removal	131
Toner Cartridge Pickup	38
Property Control Pickup	173
TOTAL	3,425

Receiving has taken great strides in time management and keeping track of the university's deliveries.

There was a 300% increase in requested confidential shredding bins from 2014 to 2017.

GROUPDS

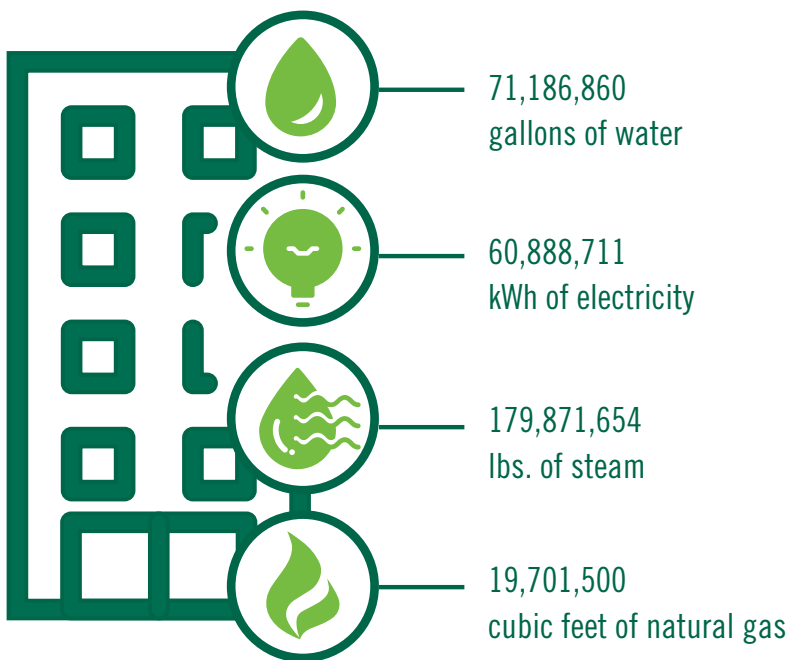
Grounds Services provides maintenance and care to the grounds throughout campus. The team is responsible for landscape design, installation, and maintenance of all green space on campus. Other services provided include snow and ice removal, grounds equipment maintenance, outside litter and trash removal and special events landscaping.

This year the team removed many of the infected Ash trees on campus and planted 25 replacement trees, mostly Red Maples and Hackberry's.

Employed two interns with Environmental Science majors who assisted our horticulture crew and helped produce the Tree Map.



Tulips were planted across campus to provide more color in early Spring.



UTILITIES

The Utilities team works with local utility companies to provide reliable and cost-effective steam, electricity, domestic water, natural gas, and chilled water to CSU. This office tracks usage and costs, analyzes trends, and looks opportunities for savings and energy use reduction. Utilities supports Sustainability with energy use data and Facilities Management with analysis of operations.

REAL ESTATE AND FINANCE

Facilities Administration and Real Estate (FARE) has responsibility for all outside party leasing and lease administration activity. Working with the Office of the University Architect, it is also responsible for approving, monitoring and reporting on capital construction project expenditures, including budget versus actual, and prevailing wage compliance and reporting. In addition, FARE is responsible for securing the release of state funding for capital projects and represents the university in capital request matters with the state controlling board, the Ohio Department of Higher Education, and the Ohio Department of Administrative Services. FARE also assists and provides other fiscal and administrative support and reporting as required for the other offices in Facilities Services

REAL ESTATE DEVELOPMENTS

In 2017 the following significant real estate transactions occurred:

- CSU Art Gallery - The lease of 17,500 square feet of space at the Cowell & Hubbard building on Euclid Ave., which houses the CSU Art Gallery was extended for another five years through July 22, 2022
- IUC Lease – The Inter-University Council (IUC) accounts payable department leased 1,200 square foot of space in Mather Mansion through July 31, 2021
- Film School – CSU leased 39,400 square feet of space at the Idea Center located at Playhouse Square on Euclid Ave. for a twenty-year period ending June 30, 2038. This facility will house the school of Film, Television, and Interactive Media currently under construction
- Veterans Center – CSU increased the space leased in the Trinity Building located on Euclid Ave. to 4,200 square feet. The facility houses the CSU Veteran and Military Resource Center. The lease of the space runs through December 31, 2019.

STATE FUNDED CAPITAL PROJECTS

During 2017, there were a total of 4 state-funded capital projects underway on campus. A total of 13 requests were submitted by FARE to the state controlling board to secure the release of over \$30 million of appropriated state money for the projects. In addition, requests were submitted, and funding released for a \$250,000 3D printer for the engineering

school, and \$3,000,000 of pass-through funding for a joint use agreement between CSU and the Cleveland Museum of Art.

Amounts released during 2017 for each project were as follows:

- New Engineering Building - \$18,120,993
- Film School - \$6,439,391
- Engaged Learning Labs – \$5,358,284
- Main Classroom Building Renovations - \$40,000

In addition, FARE, working with the OUA and University Administration was successful in securing a total of \$15,441,000 of state funding for the Fiscal years 2019-2020 biennium.

EVENTS AND CONFERENCES

Staff members attended and participated in the following events and conferences:

- CSU Diversity Fair (Committee Member)
- MAPPA Conference in St. Louis, MO
- Department of Labor Prevailing Wage Conference in Pittsburgh, PA
- OFCC Conference in Independence, OH
- Ohio Society of CPA's Accounting show in Cleveland, OH



OFFICE OF UNIVERSITY ARCHITECT

The Office of the University Architect (OUA) manages renovation and new construction projects, from conception through close-out, campus-wide. Our department works closely with all internal and external constituents to balance the cost, schedule, and quality objectives of each project to provide the highest level of amenities with available funding. In 2017 our team managed 743 purchase orders with vendors that totaled over 21 million dollars.

Our services include estimating, scope review, proposal development, bid documents, selection of service providers, product specification, and oversight of all project deliverables. The office maintains an online library of standards and guidelines for building systems, furniture, fixtures, and equipment. In addition, the department maintains project record documents, assists the University with inventory and space use reporting and assists all furniture selections and purchases on campus.

RENOVATIONS AND NEW CONSTRUCTION

2017 saw the completion of a number of construction projects, from small renovations to entire new buildings. In addition, OUA staff have started construction on the new School of Film and Media Arts, as well as Washkewicz Hall phase 2.

Examples of the completed projects are:

- The State-wide IUC Purchasing Group moving into the third floor of Mather Mansion
- Second floor Mather Mansion renovations for Alumni Relations and English as a Second Language (ESL)
- Construction of 100,000 square foot Washkewicz Hall for the College of Engineering and the demolition of the Chester Building
- Completion of all remaining Deferred Maintenance Bond projects
- Creation of the Law Library Learning Commons
- Main Classroom (Ronald Berkman Hall) Capital project consisting of 16 fully renovated classrooms and 2 new student lounges
- Science lab capital project including 8 teaching labs fully renovated and one new student lounge
- Installed new artificial turf and accessories at Krenzler Field
- Completed the Rawson Law School Learning Commons

GENERAL CLASSROOM UPGRADE PROJECT

This project renovated and upgraded 16 general assignment classrooms and made some improvements in the 2 lecture halls, as well as created two lounge areas for the students. This represents approximately 20,000 square feet of space in the Main Classroom building. The scope was to reconfigure outdated existing spaces and upgrade to state-of-the-art technology, modernize safety systems and code compliance. The project was completed utilizing a phased construction schedule, in order to keep as many rooms available for instruction during the school year. The university received \$4,000,000 from the State of Ohio to fund this project.





ENGAGED LEARNING LABS

Interior renovations at the Science (SI) and Science Research (SR) buildings consists of new collaborative learning environments; repurposing existing space in the current buildings to build open, flexible, interactive learning environments for Physics and Biology. The project encompassed approximately 16,670 ASF (assignable square footage) of renovated area. The SR Labs consists of a new advanced cellular & molecular biology instructional facility.

EVENTS AND PRESENTATIONS

As part of campus and community outreach, the University Architect made presentations to the following organizations or groups:

- Cleveland Engineering Society
- Society of Marketing Professionals, Greater Cleveland
- CSU Graphic Design studio
- CSU Graduate Engineering seminar
- Diversity and Inclusion in Business Forum
- OFCC conference in Independence, Ohio

In addition, the University Architect or OUA staff members attended the following events:

- National Association of University Architects (AUA) conference
- National Organization of Minority Architects (NOMA) conference
- Society for College and University Planning (SCUP) conference
- Cogence Alliance Town Hall symposium
- Supplier Diversity Vendor Exchange
- Hispanic Contractors Expo

NEW INITIATIVES AND AWARDS

In addition to undertaking design and construction projects, the OUA has been involved with a number of initiatives that benefit students, faculty and staff or the wider community. Examples of these are:

- Integral involvement with P3 Parking Monetization process
- Developed streamlined Architect and Engineering consultant procurement process with Purchasing Dept.
- Established a Northern Ohio University Architects group to share metrics, lessons learned and useful templates
- Created classroom utilization metrics to increase classroom efficiency which achieved demonstrable improvement in the first year of implementation
- Successfully achieved \$15M in State Capital funding for four projects
- Named chair of national AUA Pro Practice committee
- Obtained LEED Silver rating for the new Center for Innovation in Medicine Professions (CIMP) building
- Mentored Urban Studies graduate student as part of CSU mentor program

COMMUNICATIONS AND OUTREACH

The Office of Communications and Outreach provides outreach coordination, digital development, and print services to all of Facilities Services by developing, coordinating, and marketing publications that promote programs, services and activities of the department. The office manages the Facilities Services Twitter and Facebook accounts and the Sustainability Instagram account. The office serves as the primary source for outreach by supporting participation in University and community events.

OUTREACH

CANstruction

This year the Facilities Services department and other campus departments participated in CANstruction where we created a sculpture out of 1,200 cans of tuna, corn, peas, tomatoes, black beans and fruit. After the sculpture was up for a week at SouthPark Mall the cans were donated to the Lift Up Vikes food pantry.



MIDTOWN CLEAN UP

This spring we participated in the Midtown Spring Clean-up where staff members along with other members of the neighborhood planted flowers and pick up litter.

FAST ANNUAL CUSTOMER SATISFACTION SURVEY

The FAST Annual Survey reached record participation with over 2,000 participants from across all areas of campus. The annual survey allows Facilities Services to gain an understanding of problem areas on campus and allows us to make changes that affect our customers.

STARS OUTREACH

The communications office assisted the office of sustainability with this year's STARS report by coordinating with campus stakeholders to measure sustainable performance in academics, engagement, operations, administration, and leadership. This participation led to CSU being awarded a STAR Silver Rating

PRINT PROJECTS

Secured Shredding Poster

To create a greater understanding of the secured shred services on campus a poster was created and placed on secured shred bins to better inform those who use the services.

WHAT HAPPENS FROM HERE?

- ◇ Shredding is done in a closed-loop system, most secure destruction process
- ◇ Performed by trained & insured personnel
- ◇ Documentation of confidential destruction to establish accountability
- ◇ Disposition is secure & environmentally friendly
- ◇ Destruction witnessed from end to end

If you would like a certificate of destruction, please have your work order number & call (216) 687-2500 or email Brandon Dugan at b.c.dugan@csuohio.edu



FAST
Facilities / Architect / Safety / Technology



Engineering on Display

Cleveland State University's new Washkewicz Hall invites active academic exploration

By Doug Bardwell | Photos by Rob Marrott & B. Thomas Hart

December 15, 2017 marked the dedication of Cleveland State University's latest building, the Donald E. Washkewicz Hall, home to the Washkewicz College of Engineering. This four-story, 108,000-square-foot building parallels Chester Avenue and forms a new gateway to the campus at East 24th Street. The dedication signaled completion of Phase One in this \$42.5 million project.

Through vast walls of glass, commuters on Chester Avenue can peer into the building and observe 2,300 students studying all aspects of engineering. Among the disciplines offered are mechanical, electrical, computer engineering, computer science, mechanical engineering technology, electronics engineering technology, civil and environmental, chemical and biomedical engineering.

From remodel to a new building

"In 2012, Cleveland State University began a deferred maintenance assessment across campus," explains Shehadeh Abdelkarim, CSU's executive director of facilities services. "We established a \$26 million bond fund to address the buildings that needed improvements. Fenn Hall, which housed our engineering college,

was selected for a remodel as part of this process."

Shortly after that assessment was made, the university was the beneficiary of a combined \$20 million gift from former CSU student and past Parker Hannifin Chairman of the Board/CEO Parker Hannifin Don Washkewicz, his wife Pam and the Parker Hannifin Foundation. CSU also successfully advocated for capital funds from the State of Ohio for the construction of a new, state-of-the-art, 65,000-square-foot addition to Fenn Hall that would be named Washkewicz Hall.

An RFP was put out in 2015 for a design team and a construction manager at risk. CBLH Design and Harley Ellis Devereaux (HED) teamed up to lead the design and engineering component, while Gilbane Building Company was

the successful bidder for construction manager at risk.

"The business relationship I have had with [HED Principal] Sam Bayne over the past several years was what made the perfect fit to team together on the CSU Engineering project," says Marc Bittinger, principal in charge of CBLH Design. "I recall Sam calling me about a very similar project they had just completed in Detroit which became the fundamental reason we teamed up. Their imperial knowledge of science/engineering projects and our strength in construction documents and local familiarity with Cleveland State helped to create a unique and iconic addition for this growing campus."


"The university first looked at multiple options to redecorate and/or remodel Fenn Hall, followed by adding

Photos by Rob Marrott & B. Thomas Hart

Properties | March 2018

PROPERTIES MAGAZINE

This year we made some news! The newly built Washkewicz Hall got a 9 paged article in Properties Magazine, Northeast Ohio's monthly realty, construction and architecture magazine. The article showcased the work by the two architect-engineer firms CBLH Design & Harley Ellis Devereaux and Gilbane as the construction manager at risk.




CSU FAST @CSU_FAST
Today, a kitten was trapped inside a car engine, the car was moved to CSU's garage and our motor pool dept was able to rescue the kitten. pic.twitter.com/mlfuolnsy2

Reach a bigger audience
Get more engagements by promoting this Tweet!

Get started

Impressions	3,475
Total engagements	530
Media engagements	378
Detail expands	69
Likes	42
Profile clicks	16
Retweets	14
Link clicks	9
Replies	2



CSU FAST @CSU_FAST
#ThrowbackThursday to the 1930s when Fenn Tower was known as The National Town and Country Club Building. pic.twitter.com/qJ9ySXwRmU

Reach a bigger audience
Get more engagements by promoting this Tweet!

Get started

Impressions	6,293
Total engagements	1,995
Media engagements	1,741
Detail expands	154
Profile clicks	40
Likes	36
Retweets	13
Link clicks	10
Hashtag clicks	1

SOCIAL MEDIA

FACEBOOK

93 likes on page

948 pager engagements

TWITTER

46,705 impressions

3426 profile visits