



ANNUAL REPORT FY**2018**

AWARDS

A number of Penn building projects and sustainability initiatives were recognized over the past year. FRES proudly shares these with the University community on facilities.upenn.edu.



DELAWARE VALLEY
GREEN BUILDING
COUNCIL



New College House

2017 Brick in Architecture Award—July 2017

Engineering News Record (ENR)
Best Project Award—August 2017

Delaware Valley Green Building Council (DVGBC)
Groundbreaker Award—September 2017

American Association of Landscape Architects
Potomac Division
Honor Award for Built Design—June 2018

Hill College House

Curbed, Best Makeover—December 2017

Docomomo Civic Award of Excellence
for Modernism in America—Spring 2018

Grand Jury Preservation Alliance Award—June 2018

Sustainability in Historic Preservation Award
Preservation Pennsylvania—August 2018

Moelis Grand Reading Room in Van Pelt-Deitrich Library

2017 Viewer's Choice Award and
Best in Education Award
International Interior Design Association
(IIDA)—August 2017

Merit Award, Built-Interiors
American Institute of Architects (AIA)—October 2017

Excellence in Craftsmanship Award
General Building Contractors

Association—August 2018

Environmental Sustainability Recognition

U.S. Green Building Council:

New College House, LEED Gold—October 2017

Hill College House, LEED Gold—January 2018

Robbins House, LEED Gold—May 2018

Tree Campus USA for 9th consecutive year—April 2018

Other Recognition

American Institute of Architects (AIA)
New York State Award to Perry World House—
August 2017

Pennovation Center receives Phoenix Award from
Brownfield Redevelopment—December 2017

Penn recognized as First 100% Tobacco-free Campus
in the Ivy League by the American Nonsmokers Rights
Foundation—April 2018



THE POWER OF PENN

This past year has been a time of enormous progress on our campus. The original *Penn Connects* development plan, unveiled more than a decade ago, was an assertive statement to create an eminently vibrant and innovative urban university, deeply connected to our local community with far-reaching global perspectives. *Penn Connects 3.0* is the next phase of the University's vision, and in the next few years student and research activity at New College House West, the Wharton Academic Research Building, and the Ronald O. Perelman Center for Political Science and Economics will further shape our campus into a far-reaching, globally significant community of visionaries. An integral part of the *Penn Connects* plan is our commitment to making Penn a more sustainable campus, and Penn Sustainability has made great strides in integrating sustainability into coursework, community outreach, and campus planning, design and operations.

During FY2018, details of our Enhanced Housekeeping Program were presented at Ivy Plus – a gathering of our peer Universities – and to our own Board of Trustees. Their interest in, and questions about, our leaps forward in housekeeping management credit all of you who helped develop the initiative and who carry it out in our academic buildings, college houses and other facilities every day.

Launched in spring 2018, SHOP PENN is the new brand created to describe all of the retail around our campus – places to SHOP, DINE, PLAY and STAY. Penn's retail district spans ten city blocks from 30th to 40th Streets and across Spruce, Walnut, and Chestnut Streets, and features more than 75 retail offerings—including national brands and independent shops. Over the past few months, our new retail offerings have garnered local and national attention as some of the top spots in Philly. Our FRES team has been integral in launching this brand and drawing more visitors to University City and our vibrant campus.

This *FY2018 Annual Report* is an opportunity for us to showcase the role we play each day in transforming our campus in accordance with the Penn Connects vision, as well as recognition of our own accomplishments, accolades, and the individuals and community that make up Facilities and Real Estate Services. Our role on campus is a vital one, and we are proud to share our contributions to our great University.

Best,

Anne Papageorge, Vice President—Facilities & Real Estate Services

THE POWER
OF PENN

TEACHING & SCHOLARSHIP

Penn Connects the integration of knowledge and interdisciplinary learning

Wharton Academic Research Building



A new five level building adjacent to the south side of Steinberg Hall-Dietrich Hall, the 80,450 GSF, \$87.65M, **Wharton Academic Research Building** will include flat floor classrooms, group study rooms, faculty offices, and shared conference rooms. Construction of the building and the accompanying atrium connector began in spring 2018, and it is slated for completion in summer 2020. The project also includes the rehabilitation of Woodland Walk from Spruce Street to 36th Street, and a new electrical substation at ground level. The enclosed loading dock and electrical substation will replace the existing surface loading dock and the existing substation, currently located in an underground vault.

April 17 marked the dedication of the recently restored **Larry Robbins House**, the new \$9.2M home of the interdisciplinary Jerome Fisher Program in Management and Technology, a joint degree program of Wharton and the School of Engineering and Applied Science. The 7,350 sq. ft. building, at 3537 Locust Walk, was originally constructed in the late 19th century as a home, and was renovated in 2016/2017 to become an M&T-specific workspace. The interior of the building features a conference room as well as work lounges on the first and second floors. Great care was taken to preserve as much of the original exterior of the building on its Locust Walk south facade as possible. The north facade was entirely reconstructed with energy efficient glass.



Larry Robbins House, North Side



Ronald O. Perelman Center for Political Science and Economics

The **Ronald O. Perelman Center for Political Science and Economics** celebrated its substantial completion in spring 2018. This 110,000 GSF \$77.6M building, joining renovation of the facades of the historically significant West Philadelphia Trust Building, and new construction, consolidates the University's Political Science Department and Department of Economics, as well as related academic programs, into one location in the building at 133 S. 36th Street. The building program includes a 120-seat auditorium, classrooms, undergraduate meeting rooms, a forum with a seating capacity of 72, as well as offices for faculty and graduate students of both the Economics and Political Science departments, and related research centers.

The Washington, D.C.-based **Penn Biden Center for Diplomacy and Global Engagement** celebrated its official inauguration on February 8, 2018. Former Vice President Joe Biden leads the Center's work in diplomacy, national security, and foreign policy. FRES collaborated with the Office of the Provost on site selection and the fit-out of a multi-office suite within a D.C. office building on Constitution Avenue.



Penn Biden Center for Diplomacy and Global Engagement



ACE Mentor Program

ECONOMIC INCLUSION

During FY18 FRES continued to encourage economic inclusion on all new projects through its long-term contracting and workforce goals. From 2013-2018, 31.15% of contracting work was awarded to minority and/or women owned companies, and 24.58% of all construction hours were worked by minorities or women. Improved participation is expected with minority and women-owned professional services providers (architects and engineers) through the On-call Program.

Economic opportunity plans were signed with the city's Office of Economic Opportunity for projects that required city zoning approval.

RESEARCH & CLINICAL CARE

Translational science fosters “bench to bedside” opportunities for collaborative research among clinicians, faculty and students.

Evans Dental Clinic



In January 2018 the Penn Dental community gathered for an open house to celebrate the opening of the state-of-the-art **Evans Building Schattner Clinic**. Previously known as the Main Clinic, the 16,500 sq.ft Schattner Clinic features a total of 74 dental operatories, including four dedicated to digital radiography. The Schattner Clinic will continue the Main Clinic's role as a major provider of dental care to the West Philadelphia community.

Completed in summer 2018, the **Schattner Pavilion** extends beyond the existing atrium of the Schattner Center at Penn Dental, enclosing a portion of courtyard area behind it, creating a dynamic new space on two levels for public gatherings and interaction. This space is intended to become a central meeting and reception area for faculty, staff, patients, and visitors to the Penn Dental Medicine campus. The second floor patient waiting area will improve wayfinding for patients being treated in the Schattner Clinic. The combined anticipated budget for this 20,050 GSF project was \$22.4M.



Schattner Pavilion Interior

The multi-phased renovations of the 250,000 GSF **Stemmler Hall** at the Perelman School of Medicine are progressing; with phase 1 completed in July 2017, and phase 2 on track for completion in early 2019. Funded partly through the Century Bond program and supplemented by Perelman School of Medicine funding, this \$123.5M renovation will replace building systems and finishes, leading to a more energy-efficient environment for the building's research laboratories and support facilities.



Stemmler Hall

Richards Towers



The Alfred Newton Richards Medical Research Laboratory was designated a National Historic Landmark in 2009. The ongoing renovations to the 64,000 GSF **Richards Towers A&B** have a projected substantial completion before the close of 2018. This \$33.15M project is funded by the Century Bond Program.

Chemistry 73 HVAC Units



CENTURY BOND

Penn's Century Bond program is funded by a \$300M bond issued in spring 2012 that has a 100-year term. Of that total, \$200M is directed towards financing upgrades in lighting and HVAC systems that support energy efficiency and reduce deferred maintenance. Most recent projects include **Stemmler Hall, Richards Towers A&B, Leidy Hall and the Van Pelt-Dietrich Library**. Pictured are the air handling units placed during the first completed Century Bond project, at the Chemistry 1973 Lab.

LIVING & LEARNING

Penn Connects living and learning experiences with a focus on undergraduate student life enhanced by new facilities

Moelis Family Grand Reading Room



The University completed construction on Van Pelt Library's **Moelis Family Grand Reading Room** in May 2017. Featuring a sunlit, acoustically subdued study space and a hand-made wool-and-silk mural that covers an entire wall, the Moelis Reading Room is a peaceful study oasis on our busy urban campus. The project has won numerous awards, including from the International Interior Design Association.

Designed by Eero Saarinen in 1958, and constructed in 1960, **Hill College House** is an internationally recognized architectural landmark located at the corner of 33rd and Walnut Streets. The renovation of Hill College House in 2017 addressed the maintenance and system upgrades needed for a modern College House. All bathrooms were converted to all-gender multistall restrooms and shower rooms, all bedrooms and common spaces were upgraded, air conditioning was installed, and the central kitchen and dining areas were expanded and modernized. The \$80M renovation has received accolades from numerous news publications, including *Curbed Philadelphia* and *Architect Magazine*, and received multiple local, state, and national awards.



Hill College House



Houston Market

During the summer of 2018, Penn Dining undertook a major renovation of **Houston Market**, located in the lower level of Houston Hall. The renovations included additions and enhancements to the kitchen, serving, and seating areas, as well as the introduction of new food options. A joint project from Vice Provost for University Life and Penn's Business Services Division, the renovation allows Penn Dining to provide more seating options and more efficient space for dining and gathering.

Throughout summer 2018, construction took place to repair and upgrade Penn Commons. The Commons joins Houston Hall to the other four buildings of the Perelman Quadrangle through a series of staircases, ramps, and bordering walls. **Penn Commons** is nestled in the center of campus, acting as a main artery and a space for both formal and informal gatherings.



Ringe Squash Courts Rendering

The University began a major update to the Penn Athletics' **Ringe Squash Courts** in July 2018. The ongoing renovation will serve to improve the area's circulation and connectivity while enhancing the spectator experience by relocating columns, renovating mezzanine seating, and updating lighting and design features. The number of squash courts will be increased from 10 to 12, featuring two new glass exhibition courts, and all courts will now be sized to International court dimensions. The \$18.7M project is expected to be completed in August 2019.



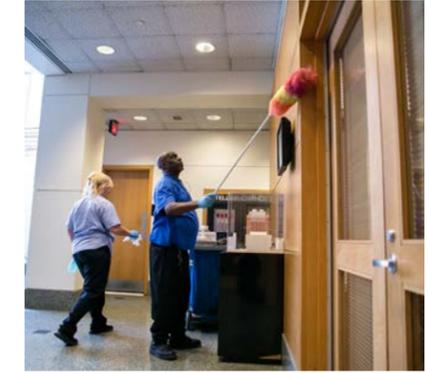
Class of 1964 Garden

Preparatory site work for **New College House West** took place in summer 2018, in anticipation of an official project groundbreaking at the end of the calendar year. This \$169.5M, 250,000 GSF residential building has been designed specifically as an undergraduate college house with 450 beds and dining services. Completion is slated for August 2021.



Rendering of New College House West

Summer 2018 included a project designed to transform a parking lot off Walnut Street, adjacent to Hill College House, into a garden. A gift from the **Class of 1964**, the project increased the green space around Hill and features a brick seating area where students can gather. Associated with this project is the upgrade of the streetscape at the perimeter of Hill to University standards.



ENHANCED HOUSEKEEPING PROGRAM

May 2017 marked the initial roll out of FRES' new Enhanced Housekeeping Program. The ultimate goal of the program is to standardize services and equitably redistribute the workload among a well-trained housekeeping team. Developed in order to increase productivity, ensure employee safety, and address issues such as coverage when an employee is absent, all housekeeping tasks (called charges) have been studied and redefined to maximize efficiency and safety. By using the transitional summer months to roll out the program, Housekeeping leadership was able to address any concerns with housekeepers or with customers so that the new process was operating smoothly by the start of the fall 2017 semester.

CAMPUS & COMMUNITY

Penn Connects encourages integration of knowledge to local and global partners.



Campus Retail

Franklin's Table opened with much fanfare in March 2018. This modern food hall is populated by high-quality, small-format food and beverage operators. About 175 indoor seats fill this 8,000 sq.ft. facility, and also offers outdoor café tables on a back patio.

Each stall showcases its individual flavor and character of their brand offerings in an eclectic mix of new concepts and established favorites: **High Street Provisions, DK Sushi, Goldie, KQ Burger, Pitruco Pizza, The Juice Merchant Juicery and Café,** and **Little Baby's Ice Cream.**



United by Blue Coffeehouse and Clothier at 3421 Walnut Street added 1,655 sq.ft. to its footprint in March 2018. The Philadelphia-based outdoor lifestyle brand, focused on sustainability, has been able to increase its merchandise inventory and café with this expansion.

Known as a full-service independent American-style restaurant and bar serving quality food and drinks in a cozy neighborhood setting, **Bernie's Restaurant & Bar** opened at 3432 Sansom Street, its third Philadelphia-area location, in March 2018. This 7,000 sq.ft. property features a cozy back deck with fire pits, and outside café seating.



With 30 locations worldwide, **Just Salad** joined the menu of fast-casual restaurants on Penn's campus in March 2018. In their location at 3728 Spruce Street, Just Salad is serving the selection of seasonal salads, wraps, grain bowls, and smoothies for which it is famous.

The 1,600 sq.ft. space features a comfortable seating area composed of 23 seats with café tables and a bar counter, a pickup station, and a tea station.

Another lunch option came to University City in the form of **SoBol**, the açai bowl spot that opened at 3736 Spruce Street in August 2018. This opening comes two months after the opening of their first Philadelphia location in Rittenhouse. SoBol's new University City location is significantly larger than the Rittenhouse storefront, with 1,716 sq.ft. and 40 seats inside.



Louie Louie Bistro & Bar opened at the Inn at Penn in July 2018.

An American bistro with French flair brought to us by Fearless Restaurants, the restaurant's menu features influences from European cafes, as well as a full wine and cocktail list and craft beer offerings. The 6,000 sq.ft. space has 160 seats inside, 50 seats outdoors, 15 bar seats, and an additional 30 seats in the lobby.

Additionally, in August 2018, **Lululemon** the yoga-based, athletic apparel company, opened a seasonal location in University City at 3661 Walnut Street.



SHOP PENN

Penn's retail district offers an inspired, contemporary shopping and dining experience, open to all. Spanning ten city blocks from 30th to 40th Streets and across Spruce, Walnut, and Chestnut Streets, the district features more than 75 curated shopping and dining outlets immersed in the region's most beautiful and historic university campus. The diverse collection of retail offerings—including national brands and independent shops—provides the highest quality options at every price point for the Penn community, surrounding neighborhoods, and beyond. [Explore places to shop, dine and play.](#)

PAST & FUTURE

Investment in existing assets and infrastructure will be balanced with new development opportunities.

MOD 7 Chiller



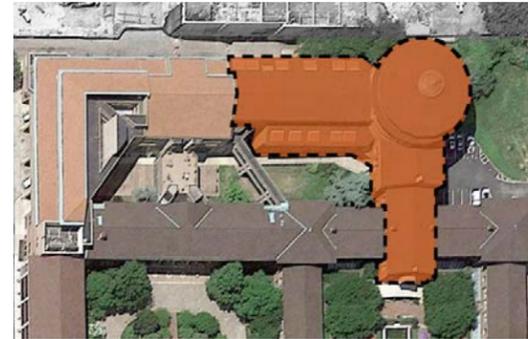
Summer 2017 featured several important updates for the long term **MOD 7 Chiller** Plant expansion. The chiller plant was originally designed to be built out in phases, expanding along with the growth of the campus and associated air conditioning demand. The recent \$61.6M upgrade added 10,000 tons of steam-driven cooling capacity.

In August 2017, the Pennovation Works campus opened the renovated **Office Building**, a 25,000 sq.ft space currently leasing to Philadelphia-area start-ups and Penn researchers. The \$3.8M renovation includes a new elevator core, restrooms, and code-related improvements. The renovations were completed as part of the Pennovation Center's "graduation strategy," allowing companies to move to bigger working spaces within the campus as their businesses and capacity needs expand.

Within the **Pennovation Center**, a Phase 2 build-out has provided an additional 4,840 sq.ft. comprised of two additional labs, a tissue culture room, and a series of flexible offices. The new spaces opened in January 2018.



Pennovation Office Building



Penn Museum Planned Construction

The **Penn Museum** began renovations to its Coxe and Harrison wings in April 2018. The \$21.9M renovation plans include phased upgrades to the Coxe Memorial wing, including upgrades and restoration to the Harrison Auditorium. This phase includes renovation of the first and second floors of the Harrison wing, and a small portion of all three floors of the Coxe wing. There will also be a renovation of the Main (Kamin) Entrance and the construction of a new Crossroads of Culture Gallery space. ADA accessibility and restroom improvements will also be included. The estimated completion of phase one is Fall 2019.

Information Technology

Several information technology projects for FRES continue to add value in our operational environment. **SCADA** is a centralized computer management system that monitors the operation of critical campus building infrastructure. A four phase project to select and install a new system was undertaken by FRES and the first phase completed at the end of summer 2015, bringing College Hall, Houston Hall, Claudia Cohen Hall, Irvine, Duhring, Furness and Huntsman Hall into production. A back-up site at Mod 7 was also part of the first phase of the project. Since then, Phase 2 has brought an additional 17 buildings online. Phase 3 and 4 achieved substantial completion in Fall 2018, expanding FRES staff's remote monitoring capability to cover nearly the entire campus.

Kronos, our system for time tracking and reporting, was completely upgraded in the last fiscal year. A more intuitive user interface and increased reporting capabilities now provide easier and faster access to information needed by FRES managers and Payroll.

An online training module called **Security Essentials** was rolled out to all Penn staff in this past year. Short presentations on password safety, phishing, and safe online behavior were part of this mandatory training. As a completion incentive, prizes such as the Amazon Echo were presented to a selection of winners across the University.

Cyber Security Awareness Day was celebrated at FRES in December. FRES staff were invited to a morning of activities that included presentations by an FBI agent, ISC Information Security and FRES IT. The purpose of the annual event is to heighten awareness of cyber security risks and communicate best practices at home and in the office.

In Spring 2018, FRES' eight Work Centers were upgraded. These current models provide enhanced printing, copying and faxing capability. They continue to meet the resource-saving requirements of the University's environmentally sustainable managed print program and facilitate quicker turnaround time for print projects. A series of full trainings was provided by the vendor.

New technology equipment arrived at the Left Bank in the shape of new projection equipment in our two main conference rooms, improving the quality of the presentation experience for FRES staff and guests.

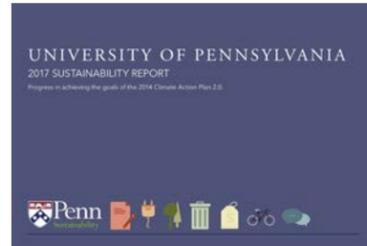
A mobile app for **Facilities Condition Assessment** is in production. This technology is expected to improve data accuracy and increase detail related to the condition of Penn assets and building systems by enabling the automated collection of building inspection data in the field. These improvements better support the annual Capital Planning process.



STOP | THINK | CONNECT

ENVIRONMENTAL SUSTAINABILITY

Extensive contributions to the initiation and achievement of University sustainability initiatives are made by FRES through energy management, waste management, sustainable design, and regular collaboration with various constituents around the University and the City of Philadelphia.



In the 2017-18 academic year, Penn's Sustainability Office released the **FY17 Sustainability Annual Report**, based on data and metrics from fiscal year 2017 gathered from across many academic and administrative units at Penn. The Annual Report documents Penn's progress towards the goals of the 2014 *Climate Action Plan 2.0*, tracking metrics in Academics, Utilities and Operations, Physical Environment, Purchasing Practices, Waste Minimization & Recycling, Transportation, and Outreach and Engagement. Carbon emissions, academic course selection, and the amount of waste sent to landfills are areas of significant achievement against the goals of the University of Pennsylvania's initial *Climate Action Plan*. Visit **Penn Sustainability** to view the full report.

The University of Pennsylvania has received a Gold Rating for its 2017 submission of the Sustainability Tracking, Assessment, and Rating System (**STARS**) survey to the Association for the Advancement of Sustainability in Higher Education (AASHE).

STARS is a comprehensive benchmarking system developed and overseen by AASHE, and is used by more than 800 colleges and universities on six continents to evaluate their environmental performance. STARS is a transparent, point-based system with categories spanning all aspects of Penn's academics, operations, and administration.

The University of Pennsylvania's **Green Purchasing Awards** honor leading actions of an individual or team that significantly advance the development of sustainable purchasing practices at Penn. Two Green Purchasing Awards were presented this year. Wharton Operations was recognized for a "Bright Green Idea" for Waste Minimization and Usage Reduction — an Event Zero Waste Policy for large Wharton events. The School of Engineering and Applied Sciences, was recognized for their efforts associated with purchasing green office supplies in FY17.



2017 Green Purchasing Award

The FRES Operations and Maintenance department has recently expanded its fleet of **eco-friendly electric vehicles** to use in campus operations. As of Fall 2017, the fleet of electric vehicles (EVs) includes eleven 100% electric plug-in vehicles, including five Columbia ParCars & six E-Rides.



Eco-friendly electric vehicles



Creating Canopy 2018

Since 2011, Penn's **Creating Canopy** program has distributed yard trees at no cost to Penn staff and faculty, as part of an effort to increase environmental sustainability awareness and build the tree canopy in our region. Employees of both the University and the health system who live in the Greater Philadelphia area are eligible to participate. In May 2018, 300 trees were distributed at Creating Canopy in Penn Park. Since the program's inception in 2011, FRES has given away 2,042 trees.

The Bike Coalition of Greater Philadelphia named Penn its **Bike Friendly Business Award** winner for 2017. The BCGP announced the award on Bike to Work Day, May 19, at a press conference in Dilworth Park outside City Hall. For the second year in a row, Penn was an official partner with BCGP for **Bike to Work Day**. BCGP ran one of its three city-wide Energizer Stations at the Penn Museum.

Penn's **Green Fund** welcomes ideas from students, faculty, and staff about innovative ways to improve the University's environmental performance and reduce campus emissions. Since 2009, this initiative of the Penn Sustainability Office, funded by the Division of Facilities and Real Estate Services, has sought ideas in environmental sustainability from members of the University community. In the past year, projects related to stairwell usage, room light automation, beekeeping, clothing re-use, and soil conservation, among others, received funding.

LEED, or Leadership in Energy and Environmental Design, is the most widely used green building rating system in the world. Available for virtually all building, community and home project types, LEED provides a framework to create healthy, highly efficient and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement. LEED is administered by the U.S. Green Building Council.

LEED Certified Buildings* at Penn



PLATINUM

Horticultural Center at Morris Arboretum
Chestnut Hill, PA

Penn Wharton China Center
Robbins House



GOLD

3901 Walnut Office Building

Evans Building, Centennial
Century Bond Renovation

Weiss Pavilion

Wharton Dean's Suite at Steinberg
Hall—Dietrich Hall



SILVER

Evo at Cira Centre South,
Cira Green

FMC Tower

Golkin Hall

Hill College House

Krishna Singh Center
for Nanotechnology

Joe's Café at Steinberg Hall

Lerner Center (Music Building)

Mack Pavilion at Steinberg Hall—
Dietrich Hall

New College House

Penovation Center

ARCH Building

Graduate Research Wing of the
Moore School, Basement
Renovation

Hutchinson Gymnasium Infill

Levin Building (Neurobehavioral
Sciences)

Perelman Center for Advanced
Medicine

Perry World House

Smilow Center for Translational
Research

Vance Hall

*Buildings certified as of Summer 2018

HUMAN RESOURCES & EMPLOYEE ENGAGEMENT

Sustained opportunities for professional development and staff recognition are available to all FRES staff. Recognition programs encourage peer-to-peer acknowledgment as well as appreciation from leadership.

FRES Summer Picnic



FRES Human Resources recruited, hired, and on-boarded 109 new employees from July 1, 2017 to April 30, 2018. This included 20 staff members, 15 trades, 28 housekeeping staff, 40 students, 6 temporary employees, and 5 union transfers.

The **FRES Summer Picnic** has become an annual event! In July 2017 and 2018, FRES Staff gathered on Highline Field outside the Left Bank for a fun afternoon of delicious food, outdoor games, and socializing.

FRES staff gathered to celebrate one another at the **Employee Recognition Breakfast** in 2018. Recognition is given to employees celebrating between 10 and 40 years of service, those awarded STEP-UP awards, and those who participate in planning events on the FRES engagement committee. Over 200 staff members came together to celebrate their colleagues and their milestones at a fun event that's become a FRES annual tradition.

In July 2018, FRES employees came together for our **Annual Update** meeting, where VP Anne Papageorge spoke, celebrating our accomplishments over the past year and outlining our major contributions to campus development planned for the next few years.



Recognition Breakfast

The **Faces of FRES** ongoing staff recognition project continued throughout 2017-2018, highlighting some of our outstanding staff members with profiles created by each individual, showcasing a little more about their role and accomplishments in our division, favorite places on campus, and what inspires them along the way to make an impact, be innovative, or engage with our community. To date, we've featured profiles from nearly 40 FRES staff members on our website.



FRES Move-In Volunteers

In August, a group of FRES team members volunteered at Penn's **Move-In**, ensuring that excited new students and parents had a knowledgeable staff person to approach about any facility- or service-related concerns. Staffing booths located at the Quad, New College House, the newly renovated Hill College House, and Hamilton Village, FRES volunteers helped the new arrivals on campus sort through any facility

issues they were experiencing, walking and talking with them, and in some cases accompanying them to inspect their rooms.

Throughout the winter and spring of 2018, FRES focused on numerous health improvement opportunities as part of Penn's **Be In The Know** campaign as well as the national Go Red initiative. The offerings included biometric screenings, online health assessments, dietitian counseling, group walks, yoga, Zumba, and much more.

Throughout the fiscal year, dozens of FRES staff members were recognized with **Step Up** awards for their service to FRES and the larger Penn community. Recipients are awarded Step Up awards for service to the University community in one of the following four categories: Proactive Initiative/Above and Beyond, Teamwork/Collaboration, Eminent Service/Exemplifies Penn Pride, and Urgent Action/Emergency Response.

Staff was invited to attend a "Feedforward: Feedback for your Future," workshop which exposed staff to the same regular feedback tools and training in which managers are trained.

Managers provided employee-centered coaching to enable staff to take on enhanced responsibilities and to use coaching in their daily work and interactions.



FRES 20 Years of Service

The **FRES Boosters** squad provided fun and enriching activities for staff throughout the fiscal year, beginning with an ice cream social in August 2017, and including a Halloween happy hour, heart health awareness events, a massage therapist in office for Employee Appreciation Day, and the annual FRES Scavenger Hunt in the spring.



Deidre Wood

Karen DiMaria

Vivin Varghese

MODELS OF EXCELLENCE

Various FRES team members were recognized for their exemplary work at the 2018 Models of Excellence awards ceremonies. Deidre Wood, a housekeeper in the Operations & Maintenance Department, received a Pillar of Excellence award; Karen DiMaria, Controller in Finance and Administration, received an honorable mention for the Model Supervisor category; and Vivin Varghese, Technical Manager in the IT department, received an honorable mention as part of a team in the Models of Excellence category.

OPEN SPACE AND LANDSCAPE DESIGN

One of the world's most attractive urban campuses, Penn is home to significant achievements in planning, landscape design, and architecture.



Locust Walk

The renaming of the Lehman Brothers Quadrangle to the **Leonard M. Tannenbaum Quadrangle** was made possible by a generous donation from the Tannenbaum family. Located adjacent to Vance Hall, the renovation project included the installation of two granite seat walls anchoring the east and west ends of the lawn.

The **Class of 1968 Legacy Garden**, completed in spring 2018, is adjacent to the eastern side of Van Pelt Library. A gift from the Class of 1968 in honor of their 50th reunion, the garden features a harmonious palette of plantings and trees, a sitting area and eventually will include a time capsule and donor recognition.



Class of 1968 Legacy Garden



Penn Park Orchard

In September 2017, Penn community volunteers got their hands dirty during a volunteer Orchard Work Day, harvesting fruit from Penn Park's fully functioning orchard. The volunteers weeded, performed other maintenance, and identified areas for new plants for fall planting. Founded in 2014, the **Penn Park Orchard** is located on the southernmost edge of Penn Park, and aims to educate the public about fruit forests while also providing locally sourced food to the community.



In 2018, Penn received an upgrade to a Level II Accredited Arboreta status from Arbnet, the national Arboretum Accreditation Program. Level II arboreta feature at least 100 species of woody plants as well as enhanced public education programs. This designation involves curation and management of a diverse collection of trees, focused on preserving and sustaining the urban forest for the well-being of the community, environmental benefits, research and educational opportunities. Penn's campus is an urban forest with more than 6,500 trees in its collection, over 240 species of trees and shrubs, ten specialty gardens and five urban parks. The University received Level 1 Accredited Arboreta status in April 2017.

IN THE HEADLINES

JUNE 6, 2018
Food & Wine
[Philly's Most Surprisingly Excellent Omakase Is Inside a Student Food Hall](#)

MAY 7, 2018
Philadelphia Magazine
[Hill House Restoration Recognized with National Award](#)

MARCH 23, 2018
Philadelphia Business Journal
[If you don't do it already, school says to Shop Penn](#)

MARCH 12, 2018
Eater Philadelphia
[Franklin's Table: The Ultimate Guide to Philly's New Food Hall](#)

FEBRUARY 22, 2018
Philadelphia Business Journal
[Best Real Estate Deals revealed](#)

DECEMBER 18, 2017
Technical.ly Philly
[A look back at Pennovation's banner year](#)

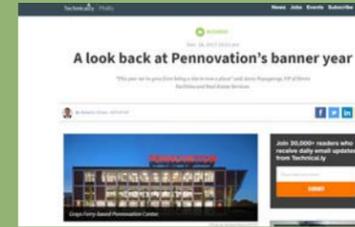
NOVEMBER 19, 2017
Chronicle of Higher Ed
[Don't Let Energy Costs Devour Your Budget](#)

NOVEMBER 16, 2017
Penn Today
[Survival of the trees on an urban campus](#)

NOVEMBER 2, 2017
PNBC 10 News
[University of Pennsylvania to Build New \\$163M Dorm](#)

SEPTEMBER 11, 2017
Penn Today
[Celebrating 5 Years of Working Dogs at Penn](#)

AUGUST 31, 2017
Curbed
[How should we live \(at college\)](#)



LEADERSHIP

Division Leadership

Anne Papageorge
Vice President

Office of the University Architect

Mark Kocent
University Architect

David Hollenberg
University Architect, Special Projects

Daniel Garofalo
Environmental Sustainability Director

Chris Hanson
Data and Document Manager

Robert Lundgren
University Landscape Architect

Design & Construction

Michael Dausch
Executive Director

Mariette Buchmann
Director

Chris Kern
Director

Jennifer Wetzel
Director

George Zafiroopoulos
Director

John Zurn
Director

Sudha Menon
Senior Capital Account Manager

Real Estate Operations

Ed Datz
Executive Director

Steve Becker
Director, Project Management

Dennis Flannery
Operations Manager

Laura Park-Smith
Director, Portfolio Management

Paul Sehnert
Director, Development Management

Operations & Maintenance

Faramarz Vakilizadeh
Executive Director

James Bean
Director, Labor Relations

John Hopley
Woodland Director

HarveenKaur Kothari
Locust Director

Betsy Robinson
Special Projects

Ben Suplick
Director, Engineering & Energy
Planning

Administration

Elizabeth Hansen
Executive Director

Marilyn Jost
Executive Director,
FRES Special Projects

Karen DiMaria
Controller

Anita Hall
Financial Manager

Victoria Iannotta
Director, Information Technology

Chereese Martin
Director, Human Resources

William McKeane
Director, Finance and Accounting

Mike Stack
Director, Facilities Administration

Published and Designed by Communications Team

Jennifer Rizzi
Director, Communications

Heidi Wunder
Associate Director, Communications

Emily Renwick
Communications Associate

Credit for Photography: Tom Crane
Photography, ESTO, Stuart Watson
Photography, Penn University
Communications, Carol Feeley