

Institute Honors and Awards **Fellowship**



THE AMERICAN
INSTITUTE
OF ARCHITECTS

2016 AIA Fellowship

Entry 114822

Nominee Paula Burns McEvoy
Organization Perkins+Will
Location Atlanta, GA, USA
Chapter AIA Atlanta

Category of Nomination

Category Two - Practice (Technical Advancement)

Summary Statement

Paula McEvoy's dedication to producing and sharing knowledge forged a global pathway for healthful, high-performance buildings. Her service to the profession, leadership in sustainability and transparency enhanced design at Perkins+Will and throughout the building industry.

Education

Auburn University, Auburn, AL. 1 year, Bachelor of Architecture, 1982.

Auburn University, Auburn, AL. 4 years, Bachelor of Science, Environmental Design, 1981.

Licensed in: New York, Louisiana, Georgia

Employment

Perkins+Will, Atlanta, GA: 2000 – present (15 years)
Vaughan Architects Inc., Atlanta, GA: 1996 – 2000 (4 years)
Osgood + Associates, Atlanta, GA: 1993 – 1996 (3 years)
Sizeler Architects, New Orleans, LA: 1991 – 1992 (2 years)
Rafael Vinoly Architects, New York, NY: 1988 – 1991 (3 years)
Proposition: Architecture, New York, NY: 1986-1988 (2 years)
Cannon Design, New York, NY: 1984 – 1986 (2 years)
Barganier McKee Sims, Montgomery, AL: 1982-1984 (2 years)



October 15, 2015

Diane Georgopolous, FAIA
Chair, Jury of Fellows
The American Institute of Architects
1735 New York Avenue, NW
Washington, DC 20006-5292

Re: Paula Burns McEvoy AIA, LEED Fellow

Dear Diane and Members of the Jury of Fellows,

I have had the sincere pleasure of working with Paula McEvoy for the past fifteen years. I am honored to sponsor her for elevation to the AIA College of Fellows because, in my opinion, she so clearly exemplifies the qualities advocated by the Institute for practice leadership.

Paula is one of the world's leading experts in sustainable design. I realize that this is a big statement, but I can attest to the fact that Paula is one of our industry's true leaders in the sustainability movement. She is simply one of the most impactful advocates for sustainability anywhere. Furthermore, these efforts have not only transformed Perkins+Will; they have also resulted in critical advocacy work for the AIA, the USGBC, the design industry and for the public domain.

Paula has been so effective in driving change in our firm and the industry because of her passion, fearlessness and extreme conviction. Change in any industry is difficult, but where others see challenges, Paula consistently sees possibility. She has been brilliantly effective as a result.

Within our own firm, as Co-Director of our Sustainable Design Initiative for 12 years, Paula has been directly responsible for numerous groundbreaking design projects, such as 1315 Peachtree Street; for the development of several innovative tools, including the ground-breaking Precautionary List and transparency.perkinswill.com website; and for the overall leadership of our sustainability initiative itself. Her efforts have directly resulted in our firm being consistently recognized as a globally leading sustainable design firm.

But Paula's impact is even more noteworthy outside of our firm in her extensive advocacy efforts with the AIA, USGBC and many other organizations. She is driven by the fundamental belief that sharing knowledge and global engagement will lead to real meaningful change. This is why she has always insisted that Perkins+Will freely share its knowledge. This is also why she has engaged so frequently and passionately with so many industry organizations, including currently Co-chairing the national AIA Materials Knowledge Initiative and Chairing, in 2016, the national AIA Committee on the Environment.

I respectfully and enthusiastically sponsor Paula McEvoy to be elevated to the AIA College of Fellows.

Sincerely,

A handwritten signature in black ink, appearing to read "Phil Harrison".

Philip L. Harrison FAIA, LEED AP
Chief Executive Officer
Perkins+Will

SUMMARY STATEMENT

Paula McEvoy's dedication to producing and sharing knowledge forged a global pathway for healthful, high-performance buildings. Her **service to the profession, leadership in sustainability and transparency** enhanced design at Perkins+Will and throughout the building industry.

LEADING THE FIRM

Paula McEvoy has been instrumental in **defining sustainability** at the international design firm, Perkins+Will, impacting projects and practices for over 4800 designers in 24 offices around the world. As **Co-director of the firmwide Sustainable Design Initiative**, Paula assures that sustainable ideas are an integral part of the firm's projects and practices. For over a decade, she has been directly responsible for shaping the firm's definition of sustainable design and its commitment to leadership.

The journey began with development of the first **Sustainability Strategic Plan**, which changed the way the firm operated and outlined a strategic path for transforming Perkins+Will into **the leading sustainable design firm in North America**. Achieving this goal required the development of educational tools to help build knowledge, including creation of the **2030e2 Energy Estimating Tool** and the ground-breaking **Precautionary List** and **Transparency website**. The **Perkins+Will "Green Operations Plan"** explored how the firm's operations could improve transportation, energy and water use, reduction of office consumables and employee well-being. This Plan, the first ever developed in the architectural profession, was published online for use by the public, reinforcing the firm's commitment to addressing the broader needs of society. In 2008, Perkins+Will was recognized as the **AIA, IIDA & CoreNet Global Sustainability Leader**.

CHANGING THE PROFESSION

Regardless of best intentions, one firm is not likely to have the impact required to bring about global change. It will take the entire profession to make a difference. As the firm's civic commitment strengthened, in 2007, Paula developed Perkins+Will's 2nd Sustainability Strategic Plan, **"Broader Goals,"** which turned focus outward and included extensive outreach and education for clients, communities, students and the building industry. "Broader Goals" committed Perkins+Will

to adopting **The 2030 Challenge** (the first large firm to do so) and the **AIA 2030 Commitment**, reducing potable water use, eliminating hazardous substances and improving our profession's impact on human and environmental health through advocacy and public outreach. Paula strongly advocated for the free publication of research, and the free provision of design tools and expertise for the **benefit of the design industry as a whole**. This unprecedented and exceptional public service from a large firm **set the standard** for transparency and collaboration and helped encourage other firms to follow suit.

One of Paula's largest impacts has been working with teams on **large international projects**. Work in China, Saudi Arabia, Qatar, Brazil and Turkey have resulted in sustainability strategies for entire campuses, cities and neighborhoods **around the world**. 2015 Certification for campuses at Princess Nora University and King Saud Abdullah University in Saudi Arabia included over 14 million square feet of space and **more than doubled** the square footage of LEED Certified work in that country.

Currently, Paula's work includes **significant research and development** in regenerative and resilient design, reduced carbon and greenhouse gas emissions and increased water and energy efficiency. She is working with AIA and other organizations as well as with manufacturers, to promote material transparency and the development of healthful buildings and building products.

CONTINUING LEADERSHIP

Her commitment to changing industry practice has made Paula McEvoy an internationally-recognized leader in sustainable design and **a clarion voice for her profession**. She currently serves as **AIA National Co-chair of the Materials Knowledge Initiative and 2016 Chair of the AIA National Committee on the Environment (COTE)**. She continues to teach sustainable design workshops and speaks frequently on sustainable construction, business practices and visioning.

INTRODUCTION



Paula McEvoy has been in the Atlanta office of international architectural firm Perkins+Will for over 15 years. She has been Project Architect for a wide variety of projects, including K-12 schools, healthcare projects and corporate headquarters. Throughout her career, she has always maintained a very **hands-on attitude and love for design**, but her strongest area of expertise— regionally, nationally and internationally—is in **sustainable design**. She has been a visionary for corporate sustainability and an industry-leader in sustainable, healthful and high-performance buildings. Paula has helped shape corporate policy for her firm through her leadership and entrepreneurial spirit. Through her **very active involvement with AIA** and USGBC, both locally and nationally, she has helped connect the organizations and build professional collaboration between them. Her frequent speaking and teaching engagements and numerous publications have **empowered design professionals around the globe** to become a positive force for the environment, for their practices and for the profession.

2.1 SIGNIFICANT WORK

SERVICE TO THE PROFESSION

AIA National Materials Knowledge Initiative Co-chair, 2014, 2015



As the **inaugural Co-chair of the AIA Materials Knowledge Initiative**, Paula McEvoy was responsible for organizing the membership and launching the Working Group, developing the AIA Materials website, producing and delivering educational content at the AIA National Conventions, reviewing and proposing Convention Materials Track sessions and engaging sponsors for the initiative. Paula is instrumental in working with manufacturers and advocating for increased disclosure and transparency in building materials.

AIA National Committee On The Environment (COTE), 2014-2015, Chair 2016



Paula McEvoy's participation as a member of the Advisory Group and **2016 Chair of this 15,000+ member Knowledge Community** include launch of the inaugural COTE Top Ten for Students competition, working with allied Knowledge Communities to champion sustainable design, annually host the COTE Top Ten Awards, engage committee and event sponsors and coordinate with the AIA Sustainable Leadership Opportunity Scan.

AIA Atlanta Board: 2007 – 2011



Paula was elected in 2007 to represent the **1700-member Big Sibbs Chapter** on the AIA Atlanta Board and Executive Committee. She served as Secretary for 2 years, followed by President-elect in 2009, President in 2010 and Immediate Past-president in 2011. A significant accomplishment during this service was the formation of a professional alliance with USGBC, ASHRAE, ASID and IIDA to further the mission of sustainability through social and community service events.

AIA Large Firm Roundtable Sustainability Leaders (LFRT), 2009- Current



As Perkins+Will's representative, Paula McEvoy supported the development of the AIA 2030 Commitment, worked with other international practitioners to develop international project energy target protocols to support the Commitment and supported sustainability reporting for the AIA Honor Awards.

A+D National Sustainable Design Leaders Network, 2008 – Current



A+D Leaders Summit, 2009

Although not a formal organization, this affiliation of Sustainability Leaders from over 50 of the largest Architecture + Design firms is an industry force for change. Achievements include collective and cohesive leadership positions on matters including transparency in materials, reporting building performance metrics and validity of green building rating systems.

2.1 SIGNIFICANT WORK / SERVICE TO THE PROFESSION (continued)



USGBC LEED Fellow, Class of 2012

In 2012, Paula McEvoy was elevated to **LEED Fellow** as part of the 2nd Class of Fellows. LEED Fellowship requires that candidates demonstrate exceptionality in four Mastery Elements, including Technical Proficiency, Education + Mentoring, Leadership and Commitment + Service.



USGBC National Supply Chain Optimization Working Group 2014-2015

Paula currently serves USGBC National as a member of the Supply Chain Optimization Working Group, which seeks to provide direction to manufacturers on the relevance of and need for transparency and ingredient reporting in building products.

USGBC National Education Committee, 2007 - 2012

For 5 years, Paula McEvoy served at USGBC National on multiple Education Committees including serving as **Education Committee Chair** in 2011 and Education Steering Committee from 2010 – 2012. She helped develop the curriculum for LEED APs and currently serves as LEED Faculty.



USGBC GA + Atlanta Chapter Boards, 2009-2012

Paula McEvoy was elected to serve on the USGBC Atlanta Chapter Board in 2009. She was instrumental in the realignment of local Chapters into a single State Chapter and affiliated Branches, which streamlined operations and reduced cost. She served as the **USGBC Atlanta Chair** in 2010, the USGBC GA Chair in 2012 and the Atlanta Branch Diversity Committee.



Health Product Declaration Working Group Member, 2011

The Health Product Declaration Standard was developed by the HPD Working Group with support from the Materials Research Collaborative. It outlines a standard reporting format for disclosing ingredients used in building products, and the health impacts associated with those substances.

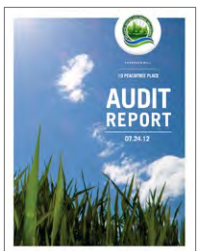


Auburn University College of Architecture Advisory Board, 2008-2016

The Council meets periodically to review curriculum, assist with accreditation and provide direction to the College. In addition, Paula participates annually in student mock interviews, portfolio competition judging and career day interviews.

Sustainable Atlanta Round Table Steering Committee, 2007-2015

The Sustainable Atlanta Roundtable convenes once a month to discuss the region's current environmental issues from water to energy, urban planning to government policy, and much more. The audience learns about Atlanta's current and future opportunities for sustainable development.



Atlanta Better Buildings Challenge Steering Committee, 2012 – Current

The Atlanta BBC was launched in June 2011 at the Clinton Global Initiative as one of the inaugural projects of President Obama's and the Dept. of Energy's Better Buildings Challenge program. It is a nation-leading public-private initiative with the goal to reduce energy and water consumption by at least 20% in participating buildings across Atlanta by 2020. Currently, over **130 buildings (70,000,000 s.f.) have saved 170 million kWh of energy**, 90 million gallons of water and over 60,000 metric tons of CO₂.



Atlanta Metro Chamber Environmental Policy Committee, 2011 - Current

Paula joined the Metro Atlanta Chamber's Environmental Policy Committee to better understand and advocate for environmental policies and practices within the 10-county region, impacting more than 150,000 businesses and 5.3 million people.

RESEARCH + INITIATIVES

The AIA Materials Knowledge Initiative

As architects, we specify materials every day. Our decisions affect the environment, our communities and our health. In 2014, Paula McEvoy was asked by AIA to serve as Co-chair for the Materials Knowledge Initiative, one of the two issues identified in the AIA Sustainable Leadership Opportunity Scan as a Core Priority. The Initiative is responsible for developing and curating information on the website at www.aia.org/materials



The AIA Materials Knowledge Initiative “Mind Map”

Developed by the AIA Materials Knowledge Initiative, Co-chaired by Paula McEvoy, the interactive **Materials Mind Map** is a resource for architects to become more informed about material health. The map resides on the website and is frequently updated to include latest research and information.



AIA Committee on the Environment

In 2014, Paula was selected for the AIA National COTE Knowledge Community and will serve as Chair in 2016. Now celebrating its 25th year, AIA COTE produces the prestigious COTE Top Ten Green Building Awards, the COTE Top Ten + Awards for documented performance and most recently, the **COTE Top Ten Student Competition** which reaches colleges and universities throughout North America.



AIA 2030 Commitment Reporting

In 2011, Paula championed the effort to have Perkins+Will become the first large, multi-office firm to sign the **AIA 2030 Commitment** to reduce greenhouse gas emissions by 2030. This commitment requires Perkins+Will to report on the progress of the firm's design portfolio towards meeting the 2030 goals.



Broader Goals: The Perkins+Will Sustainability Plan, 2011 - 2015

The Sustainable Design Initiative Strategic Plan 2010-2015 provides a framework which acknowledged that to become a global leader, **sustainable design must become synonymous with design excellence**. The Plan sought to lead the way forward, push the design envelope and move towards a deeper restorative and even regenerative concept of design.



Transparency.perkinswill.com (Exhibit 3.8)

“Transparency” is the built environment's **first free, universally accessible database** aimed at creating greater transparency in building materials containing substances that are publicly known or suspected to be hazardous to human or environmental health. The database is aimed primarily at architects and designers, and includes research on material substances, flame retardants, asthmagens and other research.



The Precautionary List (Exhibit 3.8)

The **ground-breaking Precautionary List** is an online compilation of research and data which identifies hazardous substances commonly found in building materials based on governmentally published scientific advice and knowledge. Rather than using products which contain these substances, it identifies alternatives, in keeping with the precautionary principle, in an effort to protect our health and the health of future generations.



Healthy Environments: Strategies for Avoiding Flame Retardants in the Built Environment

Indoor environments commonly have higher levels of pollutants, and architects frequently have the opportunity to help limit this exposure. This paper was prepared by Perkins+Will's Sustainable Design Initiative as part of a larger effort to promote health in the built environment.



2.1 SIGNIFICANT WORK / RESEARCH + INITIATIVES (continued)

**Broader Goals: The Perkins+Will Sustainability Plan, 2007 - 2010 (Exhibit 3.9)**

The Sustainable Design Initiative's Broader Goals: SDI Plan 2007 - 2010 outlined new leadership goals for designing healthy, restorative and living buildings, delivering integrated design services, advancing our knowledge, and optimizing our green operations.

Fitwel™

Fitwel, (Facility Innovations Toward Wellness Environmental Leadership) is an evidence-based certification program that assesses health-promoting aspects of buildings. Developed by the General Services Administration, the Centers for Disease Control and Prevention and the City of New York, Fitwel™ is intended to **empower and guide building owners and managers** to make facility improvements that positively impact employee health and productivity through targeted improvements. Paula McEvoy and Perkins+Will led this project as subject matter experts, content author and brand designers.

**USGBC Education and Curriculum Committees**

When the demand for green building education exceeded the availability, Paula served as a USGBC **National Education Committee member and Chair**. Her committee sought to promote and collaborate in order to build, disseminate, and promote knowledge. She also participated as a **Subject Matter Expert** for developing content for USGBC's LEED AP and Green Associate exams and continues to provide educational content as a member of LEED Faculty.



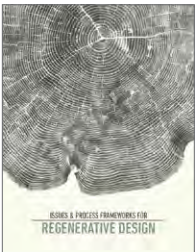
USGBC Curriculum Committee, 2008

The Perkins+Will Project Performance Report

The Project Performance Report was designed to help measure and track project energy and water performance as well as materials specification. **Reporting is required** for every design-development phase project every year. This allows Perkins+Will to identify patterns and allocate resources more effectively in order to meet the 2030 Challenge goals.

**Issues & Process Frameworks For Regenerative Design, 2010 - 2012**

The Perkins+Will / University of British Columbia Regenerative Design project explored the theoretical implications of **what regenerative design means for the built environment**, how the discourse on the built environment can be re-framed, and emerging lessons gained from the practice of 'regenerative' design and development. A key aspect of the project was to explore how to shift from current green building practice to one informed by the **principles and emerging requirements of regenerative design**. As a leader in this initiative, Paula McEvoy continues to champion the regenerative Design Framework and resilience research in building and community design.

**The Green Operations Plan (Exhibit 3.10)**

The Green Operations Plan, published in 2005, identified key environmental issues related to **transportation, water and energy use, office consumables, indoor air quality and office renovations**. It is a **set of policy statements and implementation strategies** which helped guide the firm toward significant reductions in its environmental footprint with the ultimate goal of being "restorative" to counteract years of environmental degradation. The Plan was implemented by the end of 2006 in all Perkins+Will offices.

**Perkins+Will Sustainable Design Initiative Strategic Plan, 2004 - 2007 (Exhibit 3.9)**

The leadership group of the Sustainable Design Initiative (SDI), Co-directed by Paula, consists of representatives from every office and developed a strategic plan to position Perkins+Will as the **leading "green" high design firm in North America**. The plan, published online, was designed and implemented over a three year period.



SIGNIFICANT PROJECTS

Introduction

As the Perkins+Will Co-director of Sustainability, Paula McEvoy created a corporate climate which promotes exploration of leading-edge sustainable design strategies and **raised the bar for the firm's overall portfolio**. She has been personally involved in hundreds of sustainable, healthful and high-performance buildings with roles ranging from Project Architect / Manager to sustainability leader, LEED advisor, charrette facilitator and team mentor and coordinator. **Representative projects with which Paula has been involved include the following:**



1315 Peachtree Street / Perkins+Will Atlanta (Exhibit 3.1)
LEED BD+C PLATINUM, AIA COTE TOP TEN WINNER

Paula McEvoy was the sustainable design lead for the redevelopment of this 1980's office building into the LEED Platinum home of Perkins+Will Atlanta. Designed as a "living lab" 1315 Peachtree Street was the highest-scoring LEED NC building at the time of certification in 2012.



New York Police Academy
LEED NC GOLD

The New York Police Academy building was designed to stand as a symbol of strength and safety in the city. Paula led sustainability visioning sessions where key considerations were identified as resilient design, energy efficiency, ample access to daylight and views and on-site renewable energy.



CDC Building 106, (Exhibit 3.3)
LEED NC GOLD

Paula served as Project Architect and sustainability leader for this 320,000 s.f. CDC facility. The project focused on healthy indoor and outdoor environments and includes "Step-Well" stairs and walking trails to promote physical activity. It set the standard for future campus development.



CDC Lab Building 110
LEED NC GOLD

Paula was the sustainability and LEED advisor for this CDC laboratory building. This project collects rainwater and equipment condensate and includes the campus's first gray water capture and reuse systems by.



King Saud bin Abdulaziz University for Health Sciences (Exhibit 3.2)
6 LEED CERTIFICATIONS

In this multiple-building, multiple-campus project, Paula championed the sustainable design and LEED documentation for these medical campuses located in Riyadh, Al Hasa and Jeddah, Saudi Arabia. Collection, treatment and on-site reuse of graywater and black water were key considerations for all three campuses.



National Bio And Agro Defense Facility (NBAF)
TRACKING LEED GOLD

Paula is the LEED and sustainability lead for this 700,000 s.f. federal laboratory. Key strategies include access to exercise and activity areas, energy efficiency and resilience strategies. When completed in 2020, it will be the top research facility of its kind in the world.



Fundamental Sciences Building, Education City, Qatar (Exhibit 3.6)
LEEDV4 GOLD

Paula was the sustainability lead for the Fundamental Science Building; a world class signature laboratory building that provides multidisciplinary research capabilities. Key areas of focus include occupant health and exceptional indoor environment.



COFCO
TRACKING LEED NC PLATINUM

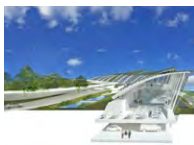
COFCO Research Towers in Bei Qi Jia Town, Beijing includes 1,259,377 square feet of office, research and testing facilities, and support facilities. Paula led sustainability efforts which include the creation of year-round agrarian research landscapes

2.1 SIGNIFICANT WORK / SIGNIFICANT PROJECTS (continued)



Princess Nora University 12 LEED CERTIFICATIONS

Princess Nora Bint Abdulrahman University (PNU) is a new world-class university campus that accommodates 40,000 full-time undergraduate women. Special emphasis was given to creating shaded and cooled outdoor spaces to promote occupant activity. With 12 LEED Certified buildings, PNU represents the largest collection of sustainable buildings in Riyadh.



L'Oreal Research and Innovation Facilities TRACKING LEED PLATINUM AND LIVING BUILDING CHALLENGE

The first of its kind in Brazil, this facility will provide carbon neutral solutions that will enhance it's environment by responding effectively to the site's hydrology, ecology and geology. Paula's promotion of leading-edge sustainability helped this project explore strategies beyond LEED to Living Building.



Duke University Medical Center LEED NC GOLD

The 611,000 square foot (56,760 square meter) Duke Medicine Pavilion occupies the heart of the Duke University Medical Center. As the first inpatient facility in North Carolina to achieve LEED certification, the project achieved LEED Gold status and is projected to reduce energy costs by 24.5% and save 3.5 million gallons of water annually. Paula led the sustainability efforts with the team.



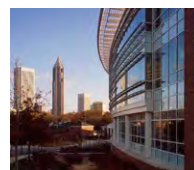
Piedmont Newnan Replacement Hospital LEED BD+C GOLD

Paula McEvoy was the sustainability lead for Piedmont Healthcare's new facility, Piedmont Newnan Hospital, located on approximately 114 acres in Newnan, Georgia. The 365,000 s.f. facility incorporates restorative green spaces, energy efficiencies, water reuse and conservation technologies which reduce operating costs, provide a healthier work environment, and reduce the project's overall environmental impact.



Auburn University CASIC LEED NC GOLD

Auburn University is home to researchers who are developing technologies for providing a more secure and sustainable food production system, environmental protection standards, renewable energy solutions and expanded economic opportunities and growth. Paula was the sustainability champion and LEED advisor for the project.



Georgia Institute of Technology Klaus Advanced Computing Center LEED NC GOLD

This 210,000 square foot building houses Georgia Tech's most advanced research labs for the College of Computing and Electrical Engineering. Paula was the sustainability lead for this project which includes capture and reuse of rainwater and condensate, building and equipment efficiency and natural daylighting.



Bowie State University Math & Nursing Lab Building (Exhibit 3.7) TRACKING LEED GOLD

Paula was the sustainability lead and coordinated the LEED documentation for this new multidiscipline laboratory, currently in construction. Sustainability strategies include graywater reuse, energy and water efficiencies and extensive natural daylighting. Special attention was given to designing healthful indoor and outdoor spaces for students and faculty.



Darden Restaurant Support Center (Exhibit 3.4) LEED NC GOLD

This new 469,000 s.f. corporate headquarters is the largest LEED Gold certified project in Florida. Paula worked closely with the client and team to promote the importance of sustainable design and operations and then assure that the sustainability goals were met. As a result, Darden implemented sustainable operations and maintenance not only in the headquarters but in their restaurants as well.

2.1 SIGNIFICANT WORK / SIGNIFICANT PROJECTS (continued)



Carter's Corporate Headquarters LEED ID+C GOLD

Carter's carried their healthy approach to baby clothing into their new office space. For this corporate headquarters, Paula was the sustainability lead for this 225,000 s.f. corporate headquarters, designed with emphasis on creating clean, healthy interiors and productive work spaces.



201 Seventeenth Street LEED CS PILOT, GOLD

Paula was the sustainability lead for this LEED Core and Shell project located in Atlanta's Atlantic Station, a major brownfield remediation and redevelopment project. The project was designed to offer tenants ample daylight, views and systems controls. As a Pilot project, achievements with this building helped define the LEED C&S Rating system.



Museum of Design Atlanta (MODA) LEED ID+C GOLD

MODA occupies the ground floor, formerly a parking deck, of Perkins+Will's Atlanta office building. Paula worked closely with the design and construction teams to earn LEED Gold Certification for this reinvigorated space.



Sutherland Asbill Brennan LLC LEED ID+C GOLD

Initial LEED certification for this national law firm's local office helped set corporate policy including all LEED Gold certified facilities, 100% Green Power and sustainable purchasing and office consumables. Paula is the sustainability lead for Sutherland projects.



Alpharetta High School

Located in the foothills of the North Georgia mountains, Alpharetta High School is a jewel of sustainable design excellence. Classroom wings are narrow to permit ample fresh air and daylight in rooms. Rainwater is collected and diverted into rain-gardens and wildflower meadows.



Drew Charter School LEED NC GOLD

Paula was the sustainability lead for the new Drew Charter School junior and senior academy, located on the reclaimed "back nine" of a public golf course. It finds inspiration in the existing landscape forms, site design, and views of the city beyond. Located in an area that was once one of the most impoverished, this signature building is a new symbol of its transformation.

Arabia Mountain High School



LEED NC SILVER

Arabia Mountain was DeKalb County's first LEED school. It is oriented to capture natural views and maximize daylighting and energy efficiency.

Also included is on-site management of stormwater, restoration of natural habitat and low-emitting interior materials. Paula McEvoy was the sustainability champion and LEED advisor for the project.

Woodward Academy Upper School Math and Science (Exhibit 3.5)



LEED NC GOLD

The Woodward Academy Math & Science building is designed to minimize heat gain and provide natural daylight. Bioswales capture the rain run-off and clean the water. Recycled and locally harvested and produce materials include steel, concrete, and brick.

Woodward Academy Middle School Classroom Building (Exhibit 3.5)



3 LEED CERTIFICATIONS

Paula was the Project Architect and sustainability lead for this early LEED project, which includes the Classroom Building, Dining Hall and Art Building. Use of healthy materials was a primary concern for the project, which achieved three LEED certifications.

LEED Certifications

Since 2001, Paula has led Perkins+Will to achieve **316 Firmwide LEED Certified projects** including 44 Platinum (14%), 163 Gold (52%), 77 Silver (24%) and 32 Certified (10%).

PRESENTATIONS + EDUCATION

AIA Presentations

AIA National Convention, "Dream Materials: What Do You Really Want to Build With?" Atlanta, GA. May 2015.

AIA National Convention, "#MaterialsMatter: Building Health," Atlanta, GA. May 2015.

AIA National Convention: 2nd Annual AIA COTE Summit, Atlanta, GA, May, 2015

AIA National Convention, "Architect Live: Sustainability and Material Health," Chicago, IL, June, 2014

AIA National Convention, "Winning the War for Sustainable Building: Arm Yourself with Facts to Win Over the Opposition" May 2012, Washington, DC.

AIA National Convention, "Measuring Energy: Tools and Tips from the Large Firms;" May, 2010.

AIA National Convention, "Mentoring Women: Speed-mentoring Session;" May, 2010.

AIA National Convention, "Designing Energy: the 2030e2 Energy Design Tool;" May, 2009.

AIA Committee on the Environment, Atlanta, GA; "P+W Green Operations Plan" August 2007

AIA SAR Conference, "Do You KNOW What's in Those Materials You're Specifying?," September 2012.

AIA FL State Convention, "Legal Implication of Sustainability" July 2007.

AIA Miami Design Technology Expo, Miami, FL "The Business Case for Sustainable Design," February, 2007.

AIA+2030 Session X: Putting it All Together: Achieving 2030 Goals on the Project and at the Office, November, 2011.

International and National Events

Greenbuild, Materials and Human Health Summit, "Supply Chain Optimization" November 2015.

Greenbuilding Brazil, "What Does it Take to Be a Green Firm? Beyond LEED: Strategies for Success." Sao Paulo, SP, Brazil. August 13, 2015.

BuildingGreen Webcast, "Dream Materials: What Do You Really Want to Build With?" online webcast, July, 2015 <https://www2.buildinggreen.com/dream-materials-webcast>

BIFMA Chemicals Summit 2015, "Keynote: Materials Matter," Chicago, IL, April 2015 2015. <https://www.bifma.org/?page=Chemsummit2015>

World Sustainable Building 2014 Conference: "Transforming Reality," Barcelona, Spain, October 2014

SXSW Eco, "Beyond LEED: Living Buildings and the 2030 Challenge," October 2012.

SXSW Eco, "Women Leaders in Sustainable Design," October 2012.

USGBC LEED Faculty (ongoing)

Greenbuild, Materials and Human Health Summit, "Supply Chain Optimization" November 2015.

Greenbuild Conference: "Materials Matter: Understanding Materials in Architectural Practice," New Orleans, LA, October 23, 2014.

Greenbuild, "Go Big! Leveraging Change through Large Practices," Philadelphia, PA, November 2013.

Greenbuild, "Sustainability@AIA," New Orleans, LA, October 22, 2014.

Greenbuild, "Broader Goals: 2007-2010," November, 2007.

Greenbuild, (presenter, Off-site Schools Workshop), November 2005.



Lively breakout discussion during our 2015 AIA Convention Session, "Dream Materials."



SXSW Eco Inaugural Conference, Austin, TX 2012

2.1 SIGNIFICANT WORK / PRESENTATIONS + EDUCATION (continued)



Balfour-Beatty, "Mega-trends in Sustainability," January 2011.

ASID National Webinar Series: "Material Health," June 2011.

NACS National Conference "Show Me the Green Money," October 2010.

CSI National Conference, "Best AEC Firms to Work For" June 2007.

47th Conference of Invited Attorneys, Seattle, "Legal Implication of Sustainability," June, 2008.

ACUI Conference, "Design for a Changing Climate" March 2008.

NAIS / NBOA, San Diego, CA. "Green from the Get-go!" February 2005.

Assoc. Owners & Developers 2009 National Conference East, Atlanta GA, Addressing Environmental Concerns: LEED, Pollutants, Climate Change and Storm Water Discharges, September 2009.

Jury member, "2010 AIAS/MBI Design Competition: Miami Beach Hotel" June, 2010.



Regional Events

Greenprints Conference: "Toxic Talk 3.0" Materials Red Lists and Disclosure," Atlanta, GA, March 2015.

USGBC NCR, "Materials: the New Landscape," Washington, DC, September 2014.

ASID Georgia, "LEEDv4: What You Need to Know," Atlanta, GA, May 2014.

Greenprints Conference: "Toxic Talk 2.0: Materials Disclosure and Transparency" Atlanta, GA, March 2014.

ASHRAE GA: "Green Building Rating Systems: LEEDv4," Atlanta, GA, April 2013.

Greenprints Conference: "Roadmap to Corporate Sustainability: Walking the Talk," Atlanta, GA, March 2013.

Greenprints Conference: "Toxic Talk: The Red List and Other Tools for Healthy Material Selection," Atlanta, GA, March 2013.

USGBC GA High Performance Healthy Schools Summit, Moderator, Atlanta, GA, February 19, 2013.

The Institute for Georgia Environmental Leadership Summit, "Sustainability and the Built Environment," Atlanta, GA, January 2013.

EPA Region 4 Healthy Schools Conference, "Resources & Materials," February, 2012.

Greenprints Conference: "Healthy buildings, Healthy People," Atlanta, GA, March 2012.

Greenprints Conference: "The Path to Platinum," Atlanta, GA, March 2012.

Miami Design Technology Expo, "Broader Goals: 2007-2010," February, 2008.

Boston CBRE Sustainability Presentation, "Financial Implications of Sustainable Design," January 2008.

Georgia Environmental Conference, Savannah, GA "Sustainable Neighborhoods: Smart Codes and the New Urbanism in Georgia" August 2006.

Groundbreaking Women in Construction; "Reducing Carbon Dioxide Emissions Through Green Construction;" October, 2007.

The Lazy Environmentalist Radio: LEEDing the Way With Green Buildings," October 2007.

Georgia Energy Conference, "P+W Green Operations Plan," September, 2007.

CSI Georgia Presentation, "1315 Peachtree Street Case Study" March, 2011.

USGBC Georgia, "LEEDv3," April, 2009.



Skills USA Competition with
GA LT. Governor Casey Cagle,
March, 2011

2.1 SIGNIFICANT WORK / PRESENTATIONS + EDUCATION (continued)

The Georgia Conservancy “Sustainable Schools and LEED,” June, 2008.
Greenprints Conference, “The P+W Green Operations Plan,” March 2007.
Greenprints Conference, Atlanta, GA. (presenter, Off-site Schools Workshop), March 2006.

Local Events

Design Dialogue: Sustainability + Health, Atlanta, GA, September, 2015
BOMA Georgia High Performance Buildings Summit, “The Path to Platinum,” Atlanta, GA April, 2013
IFMA Atlanta Presentation: Telling the Story: Perkins+Will Office-1315 Peachtree Street October 19, 2011.
Balfour-Beatty “Mega Trends in Sustainability,” Atlanta, GA, November, 2011
Museum of Design Atlanta (MODA): “Paula McEvoy on Architectural Sustainable Design at 1315 Peachtree Street” May 2011.
BisNow Atlanta Sustainability Summit Panel, December, 2010.
Atlanta Building Contractors Conference Panel, “Finding the Green in Green Building,” July, 2010.
Associated Owners and Developers (AOD), “Designing for Design: Mandatory and Continual Compliance,” September, 2009.
Atlanta AEC Mega Meeting, September, 2008.
Atlanta Bar Association, “Legal Implication of Sustainability,” April 2008.
Developer’s Day: Atlanta Best-in-Class Green Developers, Green Café Expert, May 2007.
Green Links Conference, Atlanta, GA, “Integrating Sustainability into the Workplace,” March, 2007.
Sustainable Atlanta Round Table, Atlanta, GA “Greening the Office,” December 2006.
AGC LEED for Contractors, Atlanta, GA. July 2006.



BisNow Panel, 2010



BisNow Panel, 2010



AIA ATL Marcel Breuer Day Proclamation, 2009



Greenprints Conference, Atlanta, GA 2015



Auburn University, 2009

Government, Universities and Colleges

Georgia Institute of Technology, Greenovation Competition Juror, March, 2015
Auburn University Student Portfolio Competition Juror, January, 2014
Wesleyan University, “Introduction to Sustainability,” Macon, GA, August, 2013
Georgia Institute of Technology, “Healthy Building Materials,” January 2012.
NAVFAC LEED BD+C Full-day Workshop, Annapolis, MD, October, 2011
U.S. Navy LEED BD+C Full-day Workshop, Norfolk, VA, October 2011
Southern Polytechnic State University “Interface Sustainability Speaker Series: Sustainable Design,” September, 2011.
University of Georgia, Nature Smart Schools Symposium, April, 2009.
Georgia Institute of Technology, “Sustainability in Schools,” March, 2009.
Auburn University Professional Development Day: “Design for a Changing Climate,” August, 2008.
Birmingham Southern University LEED BD+C Full-day Workshop, Birmingham, AL, July, 2008
East Carolina University, LEED BD+C Full-day Workshop, Conway, SC, June 2008
University of Miami LEED NC 2.2 Technical Review, July 2007.
University of Miami Intro to Sustainability, June 2007.
University of Miami LEED and Green Guide for Health Care, June 2007.

SELECTED FIRM AWARDS FOR SUSTAINABILITY

AIA Awards



2012 AIA COTE Top Ten Award: 1315 Peachtree Street
 2009 AIA COTE Top Ten Award: Synergy at Dockside Green
 2009 AIA COTE Top Ten Award: Great River Energy
 2008 AIA, IIDA and CoreNet Global Award for Sustainability
 2013 AIA GA Citation Award Institutional/Educational, Piedmont Newnan Hospital
 2013 AIA Baltimore Sustainable Design Award, Morgan State University Center for the Built Environment and Infrastructure Studies (CBEIS)
 2012 AIA Chicago Design Excellence Award, SustainABILITY Leadership: Universidade Agostinho Neto
 2012 AIA NC Triangle Gail Lindsey Award for Sustainable Architecture, Tenley-Friendship Library
 2011 AIA GA Honor Award: 1315 Peachtree Street
 2010 AIA GA Award for Sustainability: Springdale Park Elementary School
 2011 AIA Dallas Firm of the Year Award
 2007 AIA Atlanta Firm of the Year Award



AIA, IIDA and CoreNet Global Award for Sustainability

Other Awards

2015 USGBC Best Large Architecture Firm
 2015 CFAD (Center for Active Design) Excellence Award: New York Police Academy
 2015 Ontario Assoc. of Architects (OAA) Sustainable Design Excellence: Vale Living with Lakes Centre
 2014 Midtown Alliance Gold Illuminary Award
 2014 NAIOP Maryland/DC 2014 Award of Merit, Best Sustainable Project: CoStar Group Headquarters
 2013 Acterra Award for Sustainability
 2013 EDRA Healthy + Healing Places Award: 1315 Peachtree Street
 2013 ULI Global Award for Excellence Finalist: 1315 Peachtree Street
 2012 **Atlanta Business Chronicle** LEEDership Award: 1315 Peachtree Street
 2012 ASLA GA Merit Award: 1315 Peachtree Street
 2011 ULI Atlanta Development of Excellence Award, 1315 Peachtree Street
 2011 Atlanta Urban Design Commission Award of Excellence, Sustainability: 1315 Peachtree Street
 2011 Atlanta Urban Design Commission Award of Excellence, Adaptive Reuse: MODA
 2010 National Building Museum Honor Award



Recognition

2015 **Fast Company** #4 in "The World's Top 10 Most Innovative Companies in Architecture"
 2015 City of Vancouver Greenest City Leadership Award: Perkins+Will
 2014 USGBC "Best Architecture Firm - Large"
 2011, 2014, 2015 Globe and Mail "Canada's Greenest Firms"
 2011 **Architect Magazine** #1 Firm
 2010, 2009 Architect Magazine #1 Green Firm
 2015, 2014, 2013, 2012, 2011, 2010 Building Design + Construction Magazine Top 10 Green Design Firms
 2015, 2014, 2013, 2012, 2011, 2010 Engineering News Report Top 10 Green Design Firms
 2013 Environmental Design Research Association (EDRA) Great Places Award, 1315 Peachtree Street
 2012 **Atlanta Business Chronicle** LEEDership Award: 1315 Peachtree Street
 2012, 2011, 2010, 2009, 2008 Engineering News Report Top Ten Green Design Firms
 2011 **Interior & Sources Magazine** Top LEED Project
 2011 Curbed Atlanta: Best Green Corporate Makeover
 2011 ULI Atlanta Development of Excellence Award, 1315 Peachtree Street
 2010, 2009 Engineering News Report #1 Green Healthcare Design Firm
 2008 **Computer World Magazine** #4 in Top 12 Green IT Users
 2009, 2008, 2007, 2006 Building Design + Construction Magazine #1 Most LEED APs
 2009, 2008, 2007, 2006 Building Design + Construction Magazine #1 Most LEED APs
 2007 **BD+C** Best AEC Firms to Work For



ARTICLES AND PUBLICATIONS

Articles By or About Paula McEvoy:



Architect Magazine, “Material Culture: How much do you know about the materials that you’re using?” March, 2012 <http://www.architectmagazine.com/business/material-culture.aspx>

Financial Times: “Environmental issues: Recycling is a material advantage,” March 7, 2006 <http://www.ft.com/cms/s/1/7da2fc12-ad1a-11da-9643-0000779e2340.html#axzz1r6FgwZpQ>

Eco-structure Magazine: “Designing for Design: Perkins+Will Offers Up Opportunities and Insights from Designing Its Own LEED Platinum-Certified Spaces,” May, 2011. <http://www.eco-structure.com/commercial-projects/designing-for-design.aspx>

The Atlantic Cities, “How to Green Southern Cities Built in the Age of Cars and Air Conditioning,” April 18, 2012 <http://www.theatlanticcities.com/design/2012/04/how-green-southern-cities-built-age-cars-and-ac/1619/>

GOOD Environment, “4 Lessons Learned from Designing the World’s Greenest Building” March 5, 2012 <http://www.good.is/post/4-lessons-from-designing-the-world-s-greenest-building/>

Atlanta Journal and Constitution, “Workers Can Save Water Too: Use of Water in Corporate Offices,” October 15, 2007

Lively Magazine: Featured Interview, Paula Vaughan,” June, 2012 <http://www.livemag.com/paula-vaughan/>

47th Conference of Invited Attorneys, “Legally Green: What Lawyers Need to Know About Sustainable Design,” June, 2008 http://www.plbrokers.com/articles/SustainableDesignIssues-Quatman_Vaughn.pdf

Environmental Design + Construction Magazine, “Connecting the Dots,” February 2008 <http://www.highbeam.com/doc/1G1-180281455.html>

The Savy Gal Spotlight, savygal.com, Greening Schools: A Worthy Challenge, February 29, 2008

P.M. Network: “Do As We Do,” January, 2008 <http://news-business.vlex.com/vid/do-as-we-64777025>

The Saporta Report: 4-part video series, including “Avoiding Toxic Material in a Sustainable Building,” April 23, 2012 <http://saportareport.com/leadership/design/2012/04/23/avoiding-toxic-material-in-a-sustainable-building/>



Articles Featuring Paula McEvoy

EcoBuilding Pulse: “Materials Matter: Finding a baseline for material choices and impacts,” September 15, 2014 http://www.ecobuildingpulse.com/projects/materials-matter_o

Bull Realty Commercial Real Estate Show: Sustainable Profits,” April 9, 2014 http://blogs.bullrealty.com/index.php?q=blogs/land/2014/04/sustainable-profits#.VYR_EbbLmE

BWAF Blog: “Women Leading Sustainable Design,” February 10, 2014 <http://bwaf.org/bwaf-blog-women-leading-sustainable-design/>

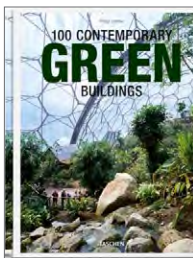
Atlanta Business Chronicle: “Sustainability Who’s Who Top 50 Leaders,” June 21-27, 2013 <http://www.bizjournals.com/atlanta/print-edition/2013/06/21/whos-who-sustainability.html?page=all>

Green Source Magazine: “Preach and Practice: 1315 Peachtree Street,” January-February 2013 http://greensource.construction.com/green_building_projects/2013/1301-1315-peachtree-street.asp

100 Green Buildings, Taschen Publishers, 2013

Dwell Magazine: SxSW Eco, “Thinking Beyond LEED at SxSW Eco,” October 4, 2012, <http://www.dwell.com/articles/thinking-beyond-leed-at-sxsw-eco.html>

Architecture: “Exemplar of Sustainable Architecture: 1315 Peachtree Street / Perkins+Will Atlanta,” March 9, 2012 <http://architecture-tips.info/page/2>



2.1 SIGNIFICANT WORK / PRESENTATIONS + EDUCATION (continued)



Arch Daily, "Exemplar of Sustainable Architecture: 1315 Peachtree / Perkins+Will, March 8, 2012
<http://www.archdaily.com/215002/exemplar-of-sustainable-architecture-1315-peachtree-perkinswill/>



ED+C Magazine, "LEED NC Project Earns Highest Platinum Rating to Date," March 5, 2012
<http://www.edcmag.com/articles/88763-leed-nc-project-earns-highest-platinum-rating-to-date>



Architectural Record, "The Whole is Greater than the Sum of It's Parts," 2005
http://archrecord.construction.com/projects/bts/archives/K-12/05_alpharetta/overview.asp



Architect Magazine, "2011 Architect 50 Number 1: Perkins+Will," April, 2011
<http://www.architectmagazine.com/architects/perkins-will.aspx>



Atlanta Business Chronicle, "A New Hub for Sustainability," December 10, 2012
<http://www.bizjournals.com/atlanta/print-edition/2010/12/10/a-new-hub-for-sustainability.html>



Atlanta Business Chronicle, "Green: It's Not Just for Visitors' Centers Anymore," July 9, 2007
<http://www.bizjournals.com/atlanta/stories/2007/07/09/focus9.html>

Contract Magazine, "Sustainable Designers Speak," November 1, 2004

Interiors & Sources, "Perkins+Will Designs 100th LEED Certified Building," March, 2011.
<http://www.interiorsandsources.com/tabid/3339/ArticleID/11564/Default.aspx>

IIDA Publications: "The Power to Save," Summer, 2007
<http://www.iida.org/content.cfm/the-power-to-save>

Engineering News Report: "No Longer a Fad, Green Hits Mainstream," June 18, 2008
<http://enr.construction.com/features/bizlabor/archives/080618-1.asp>

Green Operations Magazine: "How Politics are Reshaping Sustainable Design," June 2012
https://greenoperations.net/reshaping_design.html

Sustainable Business Oregon, "Living buildings a work in progress," May 4, 2012
<http://www.sustainablebusinessoregon.com/columns/2012/05/living-buildings-a-work-in-progress.html>

Mother Nature Network: "Perkins+Will's Atlanta office earns 95 LEED-NC points"
<http://www.mnn.com/money/sustainable-business-practices/blogs/perkinswills-atlanta-office-earns-95-leed-nc-points>

Construction Digital, "Perkins + Will: Leaders of Sustainable Design" April 2011.
<http://www.constructiondigital.com/blogs/the-editor/perkins-will-leaders-of-sustainable-design>

Office Newswire: "Perkins+Will Redefines Global Sustainable Design Strategy," April 19, 2011
<http://www.officenewswire.com/11266>

Green Building Chronicle: "Does a Building Have to Address Transportation to be Sustainable?" December 14, 2010
<http://greenbuildingchronicle.com/2010/12/14/does-building-have-address-transportation-be-sustainable/>

Green Building Chronicle: "Perkins+Will's Office May be Atlanta's Most Significant Green Building Renovation of 2010," December 1, 2010
<http://atlanta.daybooknetwork.com/story/2010/12/01/36858gbc-perkins-will.shtml>

Green Building Chronicle: "Perkins+Will Plays Peekaboo with Salvador Dali: November 24, 2010
<http://greenbuildingchronicle.com/2010/11/24/perkinswill-plays-peekaboo-salvador-dali-2/>

Atlanta Business Chronicle: "Get an Architect Involved Early for Best Outcome," June 25, 2010

Green Building South Africa: "Five Major Risks to Green Building Market Growth," February 23, 2010
<http://www.greenbuilding.co.za/content/green-building/ejournal/news-a-articles/articles/item/49-five-major-risks-to-green-building-market-growth.html>



LIST OF EXHIBITS

BUILT WORK

- 3.1 1315 Peachtree Street, PERkins+Will Atlanta Office
- 3.2 King Saud bin Abdulaziz University for Health Sciences
- 3.3 Centers for Disease Control and Prevention, Building 106
- 3.4 Darden Restaurants Corporate Headquarters
- 3.5 Woodward Academy

UNDER CONSTRUCTION

- 3.6 Qatar Foundation Fundamental Sciences Building
- 3.7 Bowie State University Center for Natural Sciences, Mathematics, and Nursing

PUBLICATIONS

- 3.8 Transparency.perkinswill.com website
- 3.9 Perkins+Will Sustainability Strategic Plans, 2004, 2007 and 2011
- 3.10 The Perkins+Will Green Operations Plan

3.1 1315 Peachtree Street (Perkins+Will Atlanta)

FIRM Perkins+Will

COMPLETED 2010

ROLE OF NOMINEE Paula McEvoy was the sustainable design lead for the redevelopment of this 1980's office building into the LEED Platinum home of Perkins+Will Atlanta.

SYNOPSIS:

"Perkins+Will has designed a showpiece building," said Rick Fedrizzi, president, CEO and founding chair of the U.S. Green Building Council (USGBC). 1315 Peachtree Street exemplifies the kind of environmentally sustainable measures that can be taken during a building retrofit. It has earned its high LEED score and will continue to pay dividends through energy saving measures for decades to come."



View from 5th Floor Terrace

AWARDS

2012, AIA COTE Top Ten Green Projects

2012, Honor Award, AIA South Atlantic Region

2013, Honor Award AIA Georgia Chapter

2013, Great Places Award, Environmental Design Research Association

2013, Finalist, Global Award for Excellence, Urban Land Institute

2011, PEDS Golden Shoe Award, Pedestrian-friendly Site Redesign



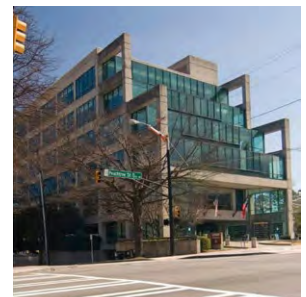
1315 Peachtree Street after renovation
Photography: Eduard Hueber

DECLARATION OF RESPONSIBILITY

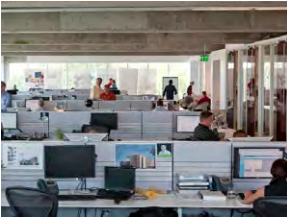
I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Willard Lariscy, AIA
Perkins+Will
Principal, Managing Director



Existing building



Recirculating captured rainwater feature

“As Mayor of the city, I am proud that Atlanta is home to the highest LEED score of any building in the world at this time. Perkins+Will’s LEED Platinum office building shows what happens when true innovation in design, sustainability and reuse come together. I applaud Perkins+Will on their achievement.”

MAYOR KASIM REED



5th Floor Terrace with reclaimed wood deck, active sunshades and high-performance glazing
Photography: Michelle Litvin

1315 Peachtree is a small project that addresses a big problem: vacant, under-utilized and inefficient existing buildings in urban cores. This adaptive reuse of a 1985 structure was transformed into **a high-performance civic-focused building**. Located in the heart of Midtown Atlanta, the new building houses the Atlanta-Fulton Public Library and introduces a new street-level tenant space for the Museum of Design Atlanta (MODA). The Perkins+Will Atlanta office occupies the top 4 floors. The building was purchased and renovated by the interdisciplinary design firm to create a living lab, reflecting the design firm’s environmental commitment to colleagues, clients and community. It demonstrates an on-going pursuit of design excellence and its value to society. The project is a recipient of a **2012 AIA COTE Top Ten Award**, 2012 AIA SAR Honor Award and the Urban Land Institute’s Development of Excellence Award, among others. When certified in 2012, this world-class project earned the **highest-scoring LEED NC 2009 Platinum certification in the world**, while meeting the carbon reduction goals established by the **2030 Challenge**. Paula McEvoy was a primary design team member throughout the project. Her expertise and leadership were **critical components** of the project’s design and certification.

Reducing energy use and increasing efficiency were key to the building’s design. Microturbines and an adsorption chiller on the building’s roof are part of a trigeneration system. By using natural gas to produce electricity, **the building’s carbon footprint is reduced by 68%** to comply with the 2030 Challenge for reduced greenhouse gas emissions. In addition, a 10,000 gallon cistern catches rainwater that is then filtered, treated and re-circulated for landscape irrigation and low-flow urinals and toilets.

All of these initiatives together have helped the building cut energy consumption by 58% and municipally supplied potable water use by 78%. 1315 Peachtree Street reused, repurposed, recycled or otherwise diverted 80% (630 tons) of material from the building. Perkins+Will was able to connect with 19 local non-profit groups, and match their needs for furniture and materials with their inventory of items salvaged from the existing space. This experience **spawned the Lifecycle Building Center**, which is now a non-profit resource for repurposing salvaged material for future work in the region.

A major goal for the project was the ability to use it as a “living lab.” By hosting numerous tours through the project, Paula McEvoy has helped thousands of clients, peers, students and members of the community see equipment and strategies first-hand and learn through actual performance.



Transparent Project Team Rooms



Rooftop tri-generation

“...Strong focus throughout the entire submission on transparency. There was transparency on materials selection, but also in what they were trying to do. **It elevates the public understanding of what we do—it demonstrates it.**”

“This project is important because we are going to continue to face this building stock from an era that, in many cases without creative vision, would be throw away projects. They really did leverage a relatively banal building to great advantage. It really is **a phenomenal transformation** of a building from the before to the after.”

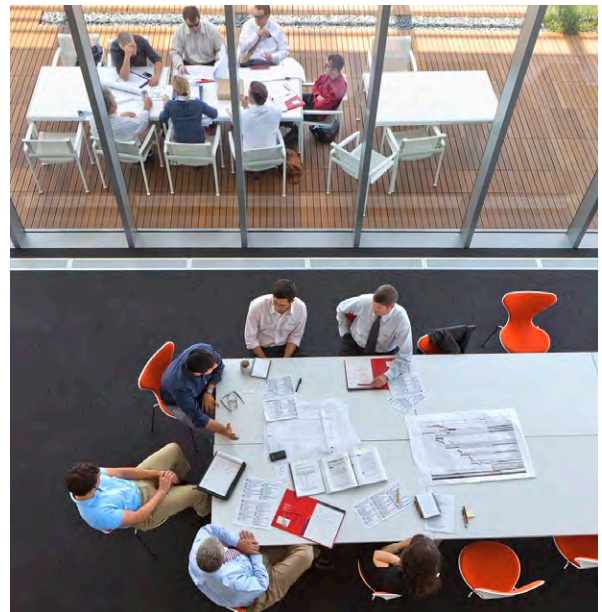
AIA COTE TOP TEN JURY COMMENTS

As summarized by a member of the AIA COTE Top Ten Jury: “There are a number of projects that claim to be a living laboratory, but this is a true living laboratory. It exposes its use in very positive ways, from the public space in the front to the transparency of the façade and also the public terrace. The project as a whole very convincingly tells the story of an interdisciplinary, integrated design process.”

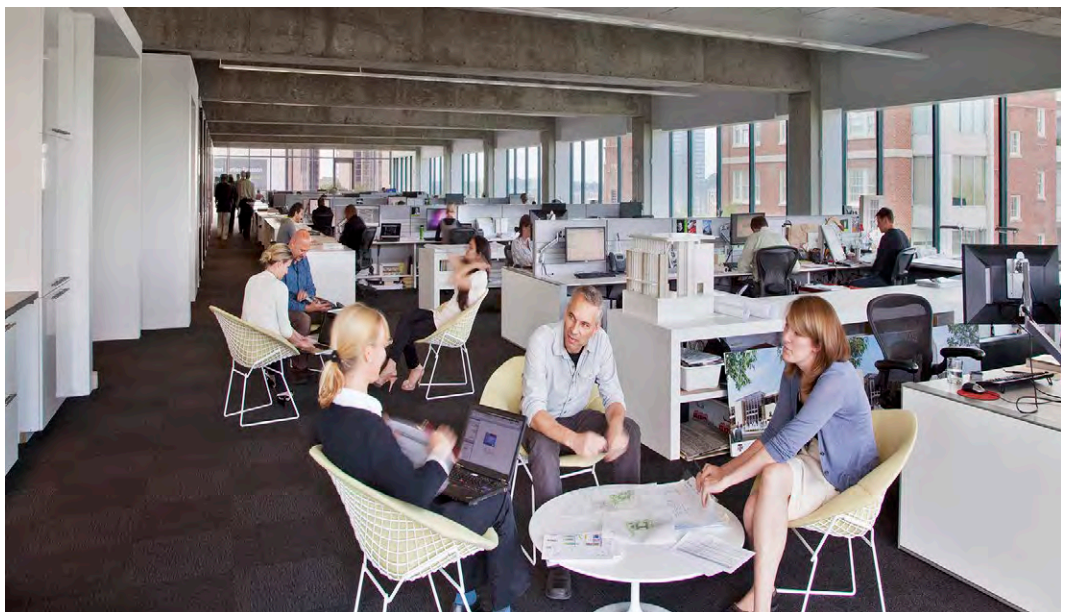
At the time of certification, 1315 Peachtree Street's 95-point LEED Platinum made it the **highest-scoring LEED BD+C 2009 project in the world**. Perkins+Will's CEO, Phil Harrison summed up Paula's efforts in a Firmwide announcement of LEED Platinum Certification: “**above all, kudos go to Paula McEvoy** who shepherded the project through the certification process and tenaciously fought for and received every single point we submitted for!”



Ground Floor Lobby



5th Floor Atrium and Terrace



Typical open office studio
Photography: Michelle Litvin

3.2 King Said Bin Abdulaziz University for Health Sciences (KSAU)

FIRM Perkins+Will

COMPLETED 2015

ROLE OF NOMINEE Paula was the sustainable design and LEED documentation lead for the King Saud bin Abdulaziz University for Health Sciences (KSAU), Riyadh, Al Hasa and Jeddah Campuses.

AWARDS

2012, Best Emerging Research Park, Association of University Research Parks (AURP)

2012, Honor Award Master Plan, American Society of Landscape Architect Georgia Chapter

SYNOPSIS

Perkins+Will worked with the National Guard Health Affairs and King Saud bin Abdulaziz University (KSAU) to program, master plan and design three new health science universities in the cities of Riyadh, Jeddah and Al Hasa. The University's goal was to construct medical education facilities that would be rated as among the **top five medical education universities in the world**.

The client's sustainability goal was to achieve at least one LEED Gold "showcase" building and four LEED Certified buildings.

With no LEED experience on the part of the design and supervision team based in Cairo, Beirut, Pune and KSA, the leadership of P+W Sustainability team led by **Paula McEvoy was instrumental in making this a success story**. Especially helpful was her patient follow up and valuable advise over many years until the LEED Certifications were successfully secured, exceeding all expectations.

KARIM FARAH,
LEED FACULTY, V.P. EGYPT
GREEN BUILDING COUNCIL,
SENIOR ARCHITECT
DAR AL HANDASAH

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Jones Lindgren, AIA
Perkins+Will
Principal, Healthcare Practice Leader



Riyadh Campus rendering



Completed Riyadh Campus

Riyadh Campus

LOCATION

Riyadh, Saudi Arabia

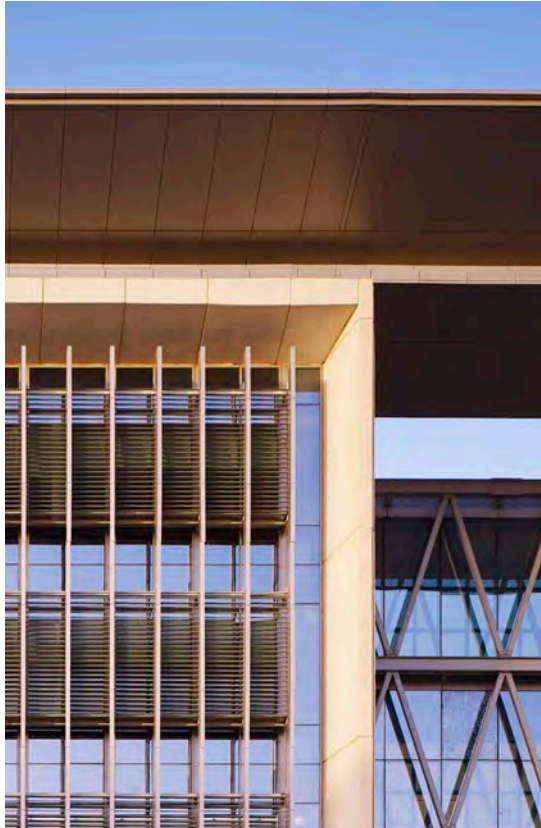
COMPLETION DATE

2015

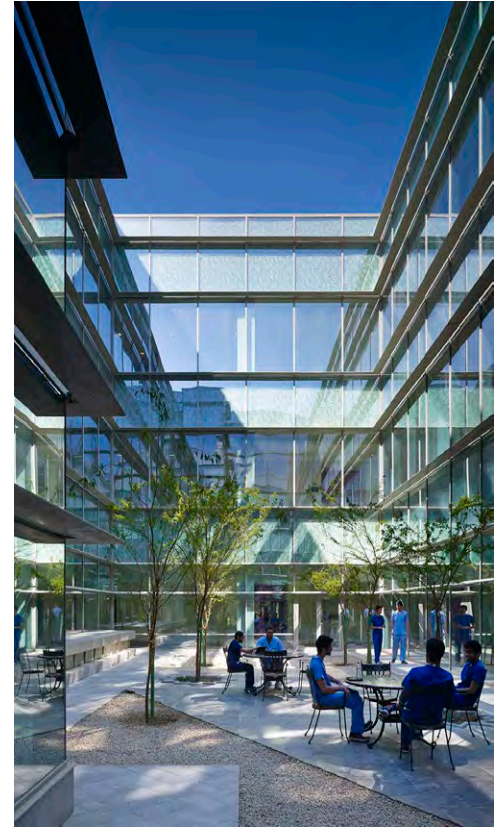
SIZE

642,138 GSM /

6,911,915 SF



Jeddah facade shading detail



Riyadh shaded courtyard

The campus Medical District comprises the largest district which includes a 200 bed Adult Specialty Hospital, the LEED Gold 350 bed Children's Hospital and a series of outpatient clinics. This is currently the largest LEED Gold Hospital in the Middle East.



LEED Gold King Abdullah Special Children's Hospital (KASCH)

Photography: Heidrich Blessing

The overall KSAU project consisted of one main university campus in Riyadh, and two university branches in Jeddah and Hasa. Each of the three sites comprises world class educational, residential, recreational, support and administrative buildings dedicated to health sciences with a total built-up area of 1,250,000 m² (13,454,888 s.f.).

Jeddah Campus

LOCATION

Jeddah, Saudi Arabia

COMPLETION DATE

2015

SIZE

1,133,028 SF /

105,261 SM

AWARDS

2011 AIA Orange
County Design Award,
Merit Award

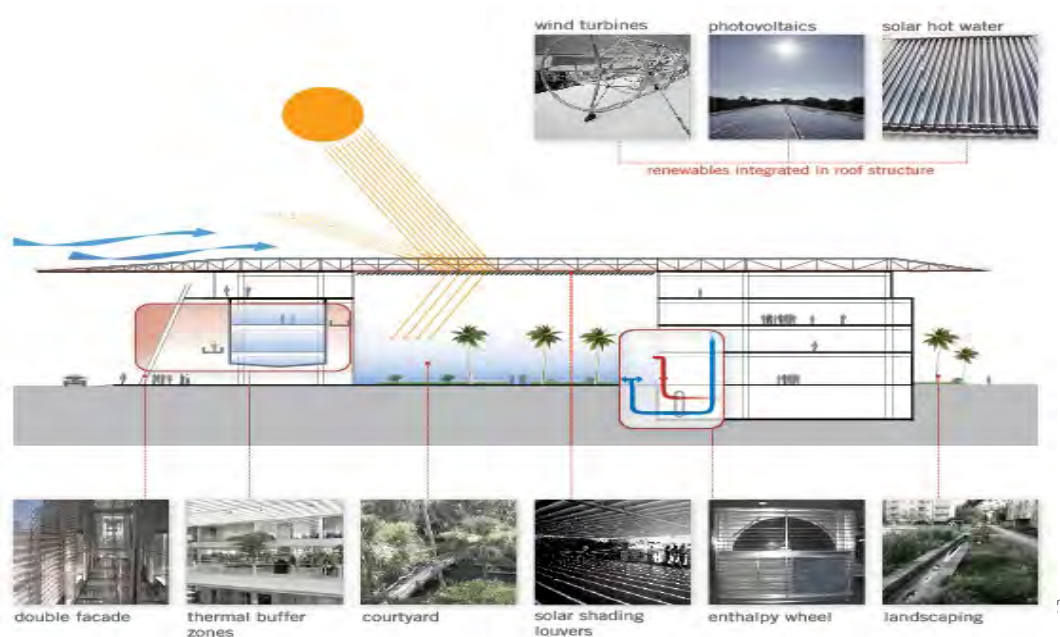


"U"-shaped Jeddah Campus



Shade and cooling fountain
at Jeddah

Colleges are designed
as U-shaped buildings
organized around
individual courtyards,
which open out to the
main quad.



Shading design was critical to the success of all campuses

These projects were the **first attempts at LEED certification for the Middle East teams.** Paula worked to help educate the team and coordinate LEED documentation for all three campuses over the course of the projects to final completion in 2015. Final certifications include LEED NC Gold for the Riyadh Special Children's Hospital and Biomedical Research building, LEED Gold for the Jeddah Biomedical Research building and Administration building and LEED Silver for the Al Hasa Academic Campus. This work represents one of the **largest group of LEED certified facilities in the world.**

3.3 Center for Disease Control and Prevention Building 106

FIRM Perkins+Will

2008

COMPLETED

ROLE OF NOMINEE

Paula McEvoy was the sustainable design lead and Project Architect for this new LEED Gold office building for the Center for Disease Control and Prevention in Atlanta, GA.

SYNOPSIS

This 320,000 square foot contemporary office environment on the CDC's Chamblee, GA campus was the first of a three phase office expansion. The unique and efficient configuration of the office building defined the future expansion strategy for the design of the campus, while introducing public plazas and promenades that unite a series of disparate structures and linked them with an adjacent woodland and wetland area.



“CDC Building 106 stands as an exemplar for sustainable workplaces nationwide and Paula McEvoy was the leader who made it happen. Paula understands that sustainability is not just about energy and water, it is really about people and protecting their health. Through Paula’s influence and persistence, 106 is built to encourage physical activity, incorporate natural daylight, reduce toxic materials and meet our stringent federal energy and water goals.”

**LIZ YORK, A.I.A., LEED AP
CHIEF SUSTAINABILITY
OFFICER, CENTERS FOR
DISEASE CONTROL AND
PREVENTION**

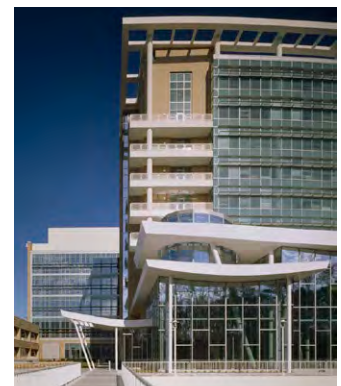


**DECLARATION OF
RESPONSIBILITY**

I have personal knowledge of the nominee’s responsibility for the project listed above. That responsibility included:

- Nominee’s firm executed project
- Responsible for sustainability

Manuel Cadrecha, AIA, LEED AP
Perkins+Will
Principal, Director of Design



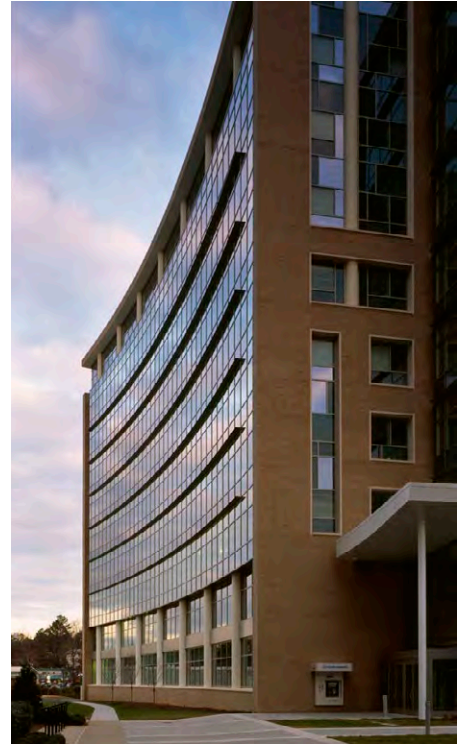
CDC Building 106 was designed and constructed to meet the requirements for sustainability in Federal Office Buildings. These included:

LEED Certification
Compliance with
Executive Order 13123
for development of
sustainable design
principles;

Compliance with the
CDC Reference
Guidelines;

Compliance with the
CDC Healthy Workplace
Initiative;

Reporting of Federal
Building performance
and operations.



The office building provides facilities for 900 employees including a data center, credit union, and conference facility with access to terraced outdoor plazas. A full service cafeteria with a dramatic main dining hall expressed as a prominent architectural feature is also included in this phase. **Views and linkages to the natural site amenities** around the perimeter of the site are maximized throughout the facility.

Paula McEvoy was Project Architect and led sustainable design from the beginning of the project through final certification. Early on, she worked with the Design/Build team and CDC representatives to **set sustainability goals reflective of the CDC's mission**. The goals established and met by the team included:

- **Provide a healthy workplace** for building occupants through clean indoor air quality, ample use of natural daylight, reduced use of toxic materials and offering healthy-diet options
- **Provide a model for healthy, sustainable living** through encouraging physical activity, offering connections to the environment and promote creative interactions between occupants
- Not only fulfill federal mandates for designing a LEED “Certified” building, but attempt a higher certification level and **incorporate sustainable design initiatives** into other aspects of the project as well.

The project received LEED NC Gold Certification, a significant improvement of the requirement to obtain basic LEED Certified. Notable sustainability features include incorporation of **healthy-lifestyle options** such as open stairs with exterior windows, walking trails, green markets and playing fields, along with natural daylighting, energy-efficient lighting and HVAC and use of captured graywater for irrigation.

3.4 Darden Restaurant Headquarters Building

FIRM Perkins+Will

COMPLETED 2009

ROLE OF NOMINEE

Paula McEvoy was the sustainable design lead for this new LEED Gold headquarters and restaurant support center for Darden Restaurant Group in Orlando, FL.

SYNOPSIS

Darden Restaurants Inc. built a new headquarters located on a 57-acre, park-like site directly adjacent to the Florida Everglades. **Initially, sustainability was not a consideration for the client.** After working with Paula McEvoy and understanding the impact of the facility, Darden became determined that its new home be a sustainable one. It is the **largest facility in Florida to earn LEED Gold certification** from the U.S. Green Building Council. The Fortune 500 casual dining leader's new corporate headquarters consolidates more than 1,300 employees and six distinct restaurant brands into a 3-story, 469,000 square foot building. The facility is a hybrid of open office environments designed to foster greater collaboration, awareness, and idea sharing between company departments and brands. According to the AIA Orlando Awards Jury, Darden's headquarters is **"not a landmark building, but a beautiful object in a park."**



AWARDS

2012, AIA Orlando
Award of Excellence

2010, Best of the Best
Design Awards, IIDA
Georgia Chapter

2010, NAIOP Central
Florida "Best of the
Best" Awards, Green
Building



Darden Corporate Headquarters

Photography: Steven Hall

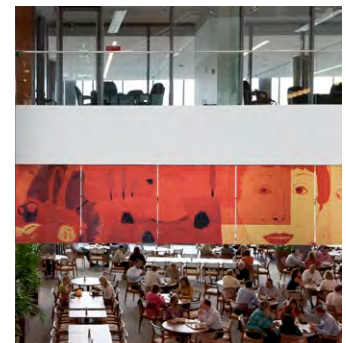
DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Manuel Cadrecha, AIA, LEED AP

Perkins+Will
Principal, Director of Design





Darden open test kitchens



Darden Corporate Main Street

This project for the first time consolidated Darden's many office locations throughout Orlando. The primary goal was to **provide a healthy workplace** for building occupants including improved air quality, ample use of natural daylight, reduced the use of irritants in materials and an offering of healthy diet options. The Headquarters is a **model for sustainable living** that encourages physical activity, offers connections to the natural environment and promotes creative interactions between occupants. Paula championed sustainable design throughout design and construction, including achieving LEED Gold Certification for the project.

Water was the compelling story for Darden. The building's green features include a reclaimed-water system that is expected to **save 2 million gallons of potable water annually**. Municipally-supplied graywater system for water efficiency was introduced to the region with this project. Native plants were used throughout the campus to minimize the negative impact on the environment and restore vegetation. The facility was designed to **increase biodiversity and improve surface water quality** while minimizing maintenance costs. Other features include a highly reflective roof; a high-efficiency heating and air conditioning system that provides a reduction in energy consumption; and increased use of daylighting. Building orientation, high-performance glazing and lighting controls combine to reduce load on the cooling side. Efficient centrifugal chillers and energy recovery units were utilized to precondition outdoor air and cool the building and adjacent data center.

Paula continued to work with Darden to establish sustainable prototype buildings for all of their restaurants and Darden continues its sustainability focus by tracking and reporting their progress [online](#).

"We want to build a campus that reflects Darden's commitment to sustainability. Our achievement of LEED® Gold certification for the project underscores our commitment to real corporate responsibility in building design."

CLARENCE OTIS, CEO



Darden Corporate Main Street and dining area

Photography: Michelle Litvin

3.5 Woodward Academy Campus

FIRM

Perkins+Will

COMPLETED

2005

ROLE OF NOMINEE

Paula McEvoy was the Project Architect and sustainable design lead for this multiple-building private K-12 Campus in College Park, GA.

SYNOPSIS

Perkins+Will's relationship with Woodward Academy, the largest private K-12 school in the contiguous US 48 states, spans nearly two decades, during which time Paula McEvoy has helped Woodward develop into **one of the most sustainable campuses in the US**. Paula's team created a new campus for the Woodward Academy Middle School with a new classroom building, dining hall and arts building enclosing a Middle School Quadrangle. As Project Architect and sustainable design lead for the project, Paula McEvoy was directly responsible for **setting and meeting design and sustainability goals** for the client in this early LEED project. The campus achieved LEED Certification before development of LEED for Campus by utilizing an **integrated design and construction process** and implementation of site-wide sustainability strategies.



Middle School Classroom Building and Quad

Woodward defines sustainability as the thoughtful process of optimizing the use of human, natural, and financial resources available to our school to honor our history, fulfill our present needs, provide for the future, and execute our mission, education. We are committed to a sustainable built environment for learning and working.

WOODWARD ACADEMY
WEBSITE



Woodward Middle School Quad, Dining Hall (center) and Art Building (left)

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Barbara Crum, AIA
Perkins+Will
Principal, K-12 Practice Leader



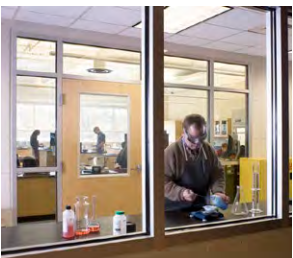
Woodward Middle School Art Building roof



Woodward Middle School
Dining Hall and Patio



Woodward Middle School
Art Building



Woodward Math and
Science Building lab
workrooms



Woodward Math and Science Building

The Middle School campus was designed to optimize natural daylight, open play space, native landscape materials and **a mix of indoor and outdoor learning areas**. It is heated and cooled by a **ground-source heat pump** with piping extending 300 feet under the the Quad. The buildings are oriented for maximum energy efficiency, with sunscreening to prevent glare and solar heat-gain. Interior finish materials include extensive recycled content, reduced toxicants and locally-manufactured materials. Storm water management strategies incorporated in the project include **bioretention raingardens** and **a green roof** on the art building. Woodward Middle School was **the first K12 LEED certified project in Georgia**.

Woodward Academy continued to expand its commitment to sustainability requiring all future buildings to earn LEED certification. The Upper School Math and Science Building also incorporated **extensive natural daylighting and sunshading** throughout classrooms, labs, workrooms, corridors and stairs. The Academy now has students and staff dedicated to “green” operations, design, dining and indoor environments.

3.6 Qatar Foundation Research + Development Complex

FIRM

Perkins+Will

COMPLETED

2017 target completion date, in construction

ROLE OF NOMINEE

Paula McEvoy was the sustainable design, LEED and GSAS leader for the design of the Masterplan and the Fundamental Sciences Building.

SYNOPSIS

Qatar Research & Development Complex (QRDC) is the product of the nation's recognized need to **transition to a sustainable, knowledge-based society from one dependent on depletable resources**. Education City is an initiative of the Qatar Foundation for Education, Science and Community Development located on the outskirts of Doha. As a research-oriented arm of Education City, QRDC will serve as a bridge of scientific innovation between the education-oriented facilities of Education City and the commercialization capabilities of Qatar Science and Technology Park. With a focus on sustainable initiatives and the creation of a knowledge-based society, it is envisioned to be a forum where universities **share research and forge relationships** with businesses and institutions in public and private sectors.



Media and Conference Center

The Qatar Research & Development Complex (QRDC) is a strategic development of Qatar's progressive national vision, which defines its future by investing in knowledge and sustainability.



Rendering of the Qatar Research and Development Complex

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Dan Watch, AIA

Perkins+Will

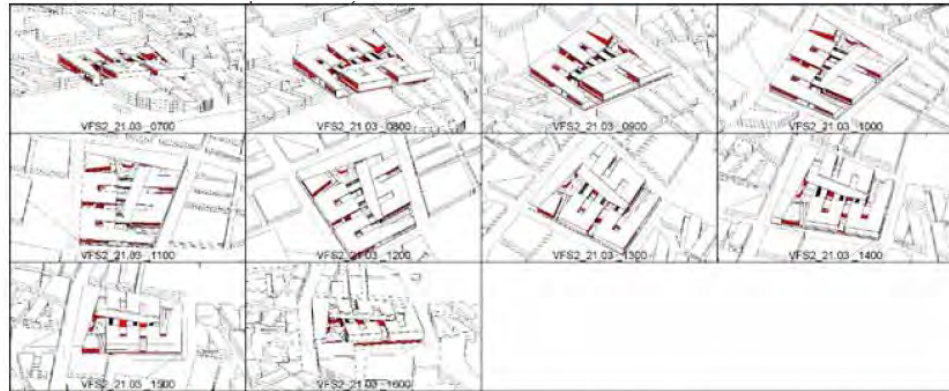
Principal, Science + Technology Practice Leader



The Fundamental Sciences Building



Perkins+Will designed the Masterplan and Phasing Plans, Parcel Development Guidelines, the Infrastructure Plan and the Fundamental Sciences Building. The 108-acre complex is designed to achieve LEED ND Gold and assisted with the development of the Global Sustainability Assessment System (GSAS) for Infrastructure.



View from the sun - March 21st (Spring Equinox)



View from the sun - June 21st (Summer Solstice)

Daylighting and shading strategies were continually modelled and assessed throughout design.

Qatar Research & Development Complex (QRDC), a campus located within Education City, will house the Fundamental Science Building: a world class signature laboratory building that will provide multi-disciplinary research capabilities, including state of the art core facilities, under one roof.

In addition to sustainable energy and water strategies, **the health of the building occupants was a major design-driver.** The Middle East is facing growing health concerns due to increased rates of obesity and chronic disease. To help combat these issues, special attention was given to designing accessible stairs and shaded walking paths, exercise areas and ample drinking water fixtures. Condensate will be integrated into hydrothermal cooling features in the landscape that moderate the outdoor temperature and make the most out of the limited water resources in present day Qatar. "Oxygen gardens," where oxygen production is maximized through the use of plants, are dispersed throughout both indoor and outdoor spaces. **Paula McEvoy was an integral part of the project team,** developing sustainable strategies consistent with the Qatar National Vision and National Health Strategy, as well as LEED and the Global Sustainability Assessment System.



Perkins+Will designed the Fundamental Sciences Building to achieve LEED NC Gold

LOCATION
Doha, Qatar

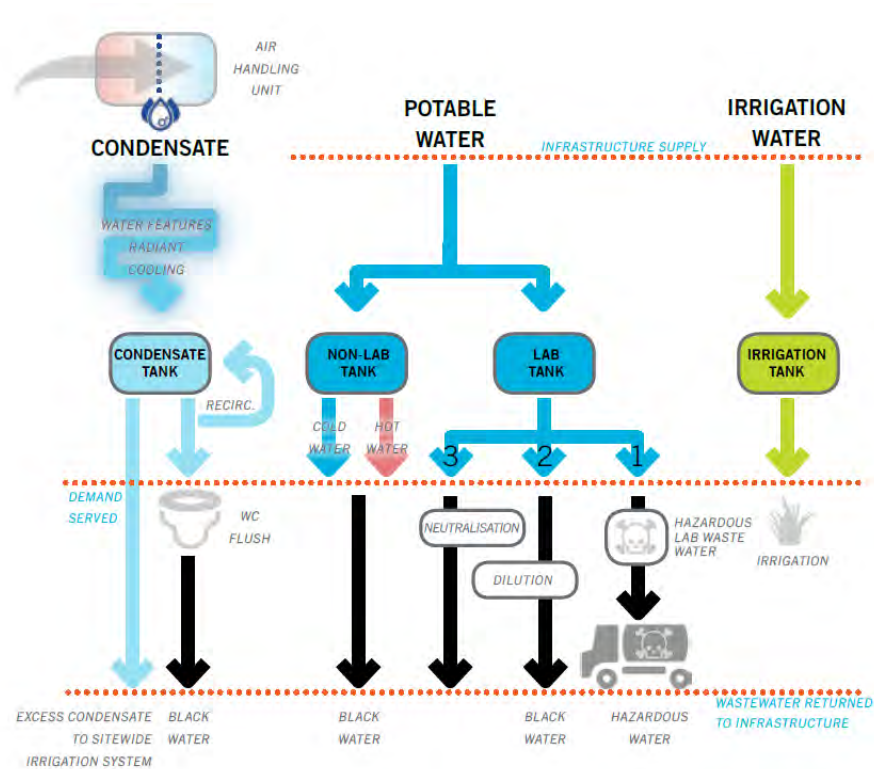
COMPLETION DATE
ANTICIPATED
Completion 2017

SIZE
507,905 GSF

COST
Confidential

DESIGN START
June 2014

CONSTRUCTION
START
January 2016



Conservation of potable water, treatment and reuse of gray water and use of captured condensate for exterior cooling are key design strategies



Shaded courtyards provide opportunities for outdoor physical and social activities

Renderings by Perkins+Will

A green central spine weaves itself through the center of the building **cross pollinating nature, ideas, people and science**. Meeting rooms and balconies bridge over the spine, connecting the sciences horizontally. Six lushly planted courtyards extend vertically through the building providing a connection with nature while maximizing daylight. Vertical green walls line the back of the interior stairs connecting the different disciplines of research.

3.7 Bowie State University Center for Natural Sciences, Mathematics and Nursing

FIRM Perkins+Will

COMPLETED 2017 target completion date, in construction

ROLE OF NOMINEE Paula McEvoy was the sustainable design lead for Bowie State University, MD's new classroom and lab building tracking LEED Gold Certification



Perkins+Will hosted several strategy-setting charrettes at BSU.

SYNOPSIS

Bowie State University's New Center for Natural Sciences, Mathematics, and Nursing includes undergraduate teaching laboratories and classrooms for Math, Engineering, Nursing, Biology, Chemistry, Physics, Physical sciences and blended disciplines. The research lab suite includes a **collaborative lab environment for chemistry, biology and physics**, with core labs for microscopy, spectrometry, and an NMR. Classrooms and layered informal learning spaces will provide a rich environment for learning and collaboration. A unique "iconic" multipurpose room acts as a visual and functional beacon to express the University's commitment to STEM and Nursing education.

The design solution has **adopted the geometry of fractals found in nature** as an educational tool and inspiration for patterning on and within the building. A rich landscape will complete a large portion of the campus, embracing the main campus green, connecting to the new Student Center, nearby dormitories and the main campus library.



Renderings by Perkins+Will

DECLARATION OF RESPONSIBILITY

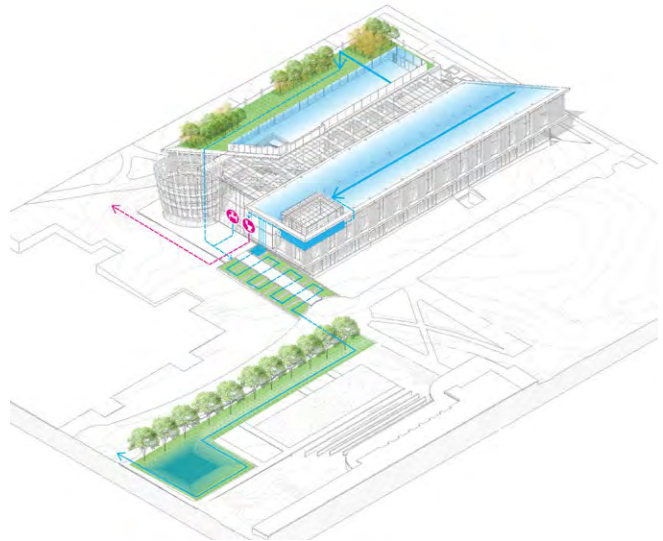
I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Nominee's firm executed project
- Responsible for sustainability

Dan Watch, AIA
Perkins+Will
Principal, Science + Technology Practice Leader



Interior Commons with accessible stairs, day-lighting and transparency learning spaces



Water use, treatment and reuse system diagram



Daylit central Atrium with prominent stair and interior glazing
Renderings by Perkins+Will

Paula McEvoy led sustainable design efforts from the beginning of the project, continuing through construction. Working closely with the University and design team, Paula helped define sustainability strategies, including:

- **Provide a healthy and active workplace** for building occupants through access to ample opportunities for accessing stairways, walking paths, a green roof and outdoor areas.
- **Provide enhanced indoor environments** including clean indoor air quality, ample use of natural daylight, reduced use of toxic materials and glare control.
- **Reduce use of energy and municipal water** through efficient and high performance equipment and fixtures and rooftop photovoltaics

The project is on track to achieve LEED Gold Certification.

3.8 The Transparency Website and the Precautionary List

COMPLETED

ROLE OF NOMINEE



“The forward-thinking firm is on the cutting-edge of a movement, instigated by clients and fast taking over the architecture world— towards ‘healthy’ buildings (inside and out).”

FORBES

“The Transparency Site can give the design community (and the rest of us) the power to demand change.”

FAST COMPANY

DECLARATION OF RESPONSIBILITY

2009, 2011

Paula McEvoy, as Co-director of the Sustainable Design Initiative was responsible for the strategic planning, organization, synthesis and online publication of this Database.

SYNOPSIS

“Transparency” is the built environment’s **first free, universally accessible database** aimed at creating greater transparency into building materials containing substances that are publicly known or suspected to be hazardous to human and environmental health. The database is aimed primarily at architects and designers, and can be accessed at <http://transparency.perkinswill.com>. This database is published online and freely available to all.

The database is the result of over two years of review of governmentally published scientific papers, led by Paula and her team, which identify “precautionary” substances that are known or suspected to cause harm to humans or the environment. This research is **based on the Precautionary Principle**, the idea that in the absence of scientific consensus, an action merits precautionary treatment if it has a suspected risk of causing harm to humans or to the environment. The intent of the list is to **encourage the building product marketplace to become more transparent** from extraction to end of life for all points of contact, from manufacturers to de-constructors, so that people are further empowered make informed decisions about specifying, maintaining and disposing of the products in their buildings.

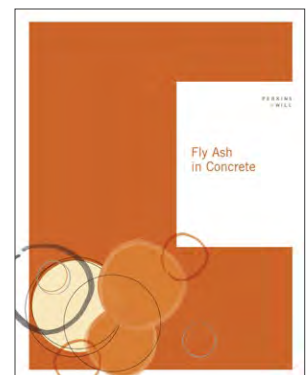
Originally published by Perkins+Will in 2009 as a single list of **25 substances commonly found in building materials**, the site was expanded to include further publications which delve into topics pertinent to the industry. These publications are targeted towards enhancing the design profession’s knowledge of how **material selection has the potential to impact human health** by focusing on areas where publicly available information is presently limited. Included in the site is an “asthma list”, a list of substances which are known or suspected to be common asthma triggers and asthmagens sourced from governmental research. The list also addresses the historical lack of research on the substances which make up some or all of the content of flame retardants by cataloging these substances and their known or suspected health and environmental impacts.

The Transparency website is **part of a larger, multi-industry progression** towards voluntary product ingredient transparency that includes everything from building materials to household cleaners and personal care products. The grass-roots movement for ingredient transparency has **led to changes by large corporations as well as updated FDA guidelines** for food and product labeling.

I have personal knowledge of the nominee’s responsibility for the project listed above. That responsibility included:

- Nominee’s firm executed project
- Responsible for sustainability

Phil Harrison, FAIA
Perkins+Will
President and CEO



transparency.perkinswill.com was designed to give architects and designers healthy options when selecting building products. It includes four parts: The Precautionary List, Asthmagens and Asthma Triggers, Flame Retardants and Current Research.

TRANSPARENCY

“When an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically.”

—The Wingspread Conference on the Precautionary Principle was convened by the Science and Environmental Health Network, 1998.

What can I find here?

PRECAUTIONARY LIST

The Precautionary List includes substances commonly found in the built environment that have been classified by regulatory entities as being harmful to the health of humans and/or the environment. As such, this compilation is an ever-evolving and is updated as new data comes to light. This tool encourages users to employ the precautionary principle in the specification of building products.

ASTHMA TRIGGERS + ASTHMAGENS

This list identifies Asthmagens—substances that induce the chronic condition of asthma—commonly found in the built environment. Compiled from third-party, government and academic sources, this list brings awareness on the causes of the disease and helps users make informed decisions on design and construction with respect to building products under the precautionary principle.

FLAME RETARDANTS

This list catalogs flame retardants found in the built environment. A comprehensive list providing in-depth knowledge of flame retardants, this tool is primarily informational and educational, and helps users understand not only where flame retardants are found in the built environment, but also if identified toxicity levels have a potential impact on human health. The original research was done by the Green Science Policy Institute.

NEWS, MEDIA + ADDITIONAL RESEARCH

A growing number of resources on transparency can be found at this link, ranging from white papers, to videos to articles.

On The Precautionary List website, architects and designers are able to search by Specification sections, health effect, substance name and CAS number. Clicking on a specific substance, such as PVC, will give architects information including where it is commonly found, known and suspected health effects, correspondence with green building rating systems, links to scientific research and healthier alternatives.

TRANSPARENCY

Precautionary list

ALPHABETICAL

CATEGORY

HEALTH EFFECTS

DIVISIONS AND SECTIONS

Carcinogen

Arsenic	Cadmium	Chlorinated Polyethylene (CPE)	Chlorinated Polyvinyl Chloride (CPVC)
Chloroprene (2-chlor-1,3-butadiene)	Chlorosulfonated Polyethylene (CSPE)	Creosote	Hexavalent Chromium (VI)
Lead	Pentachlorophenol	Phthalates	Polyvinyl Chloride (PVC)
Urea-Formaldehyde	Volatile Organic Compounds (VOCs)		

Polyvinyl Chloride (PVC)

CAS#9002-86-2

Where is it Commonly Found?

Pipes, conduits, waterproofing, roofing, siding, door and windows, resilient flooring, carpet backing, wall covering, signage, window treatments, furniture, and wire cable sheathing

How is it Categorized?

[Chlorinated Polymers](#)

What is it's Origin?

Polyvinyl Chloride was first discovered in the 19th century, but in 1926, Waldo Semon developed a method to plasticize PVC that resulted in a more flexible and easily processed material. [Phthalates](#) is a plasticizer used mostly in the production of flexible PVC products. Today PVC is by far the most common chlorine based material in the world.

Divisions and Sections

[Div 04 PVC Flashing \(Elastomeric Thermoplastic Flashing\)](#)

[Div 04 Unit Masonry](#)

[Div 03 Water Stops](#)

HEALTH EFFECT SUMMARY

The potent carcinogen dioxin is created in production of PVC and it can cause severe health problems such as cancer, endocrine disruption, endometriosis, neurological damage, birth defects, impaired child development, reproductive and immune system damage.

What are its known health effects?

[Carcinogen \(IARC\) \(NTP-C\) \(P65\)](#)

[Developmental Toxicant \(P65\)](#)

What are its suspected health effects?

[Cardiovascular or Blood Toxicant \(ATSDR\) \(EPA-HEN\) \(IADO-L\) \(OEHA-CREL\) \(RTECS\)](#)

[Endocrine Toxicant \(BKH\) \(BRUC\) \(IL-EPA\) \(JNHS\) \(KEIT\) \(OEHA-CREL\) \(RTECS\) \(WWF\)](#)

[Gastrointestinal or Liver Toxicant \(DIPA\) \(EPA-HEN\) \(IADO-L\) \(OEHA-CREL\) \(RTECS\)](#)

3.9

COMPLETED

ROLE OF NOMINEE

Broader Goals: The Sustainable Design Initiative Strategic Plans

2004, 2007, 2011

Paula McEvoy, as Co-director of the Sustainable Design Initiative was responsible for the strategic planning, vision, synthesis and publication of these pivotal Plans.

SYNOPSIS

This Exhibit is **the collection of three Sustainability Strategic Plans** that Paula McEvoy developed for Perkins+Will over the course of seven years. The focuses of the Plans were **internal first, followed by external and finally fully integrated into all aspects of design and operations**. These were the first Sustainability Plans written and published by a large architectural firm and **made freely available to others** who wanted to change their practices.

Changing the culture and practice of a large, international design firm isn't easy. In 2004, however, Perkins+Will made the decision to do just that. Leaders were selected from each office, including Paula McEvoy in Atlanta to champion the Sustainable Design Initiative (SDI) and create the first **"Perkins+Will Sustainable Design Initiative Strategic Plan, 2004-2007."** This Plan was primarily inward-looking and set the goal of making Perkins+Will the **leading sustainable design firm in North America**. Key areas of focus included

- Education and Training;
- Research;
- Leadership Projects;
- Administration and Marketing;

These focus areas set goals, identified responsible persons, outlined deliverables and set a 3-year time-frame for completion. Paula was responsible for creating and delivering multiple sustainability educational tracks across the firm's offices and for project clients and teams.

"Our Vision is for Perkins+Will to become the global leader in sustainable design. Dedication to industry leadership, integrated design, research and education and operational excellence will assure sustainable practices in our work, our operations and our lives."

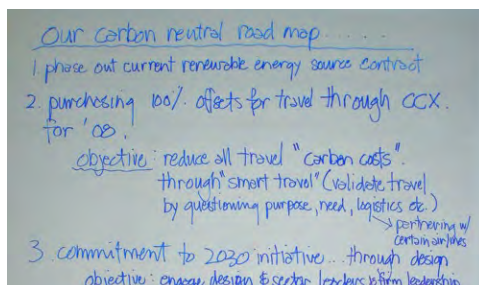
PHIL HARRISON, FAIA, CEO

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Largely responsible for design
- Project under direction of nominee

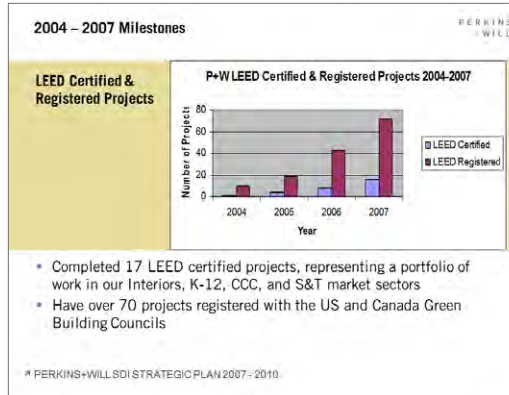
Phil Harrison, FAIA
Perkins+Will
President and CEO



The Perkins+Will Water Calculator, developed as part of the Strategic Plan 2007 - 2010



The Strategic Plan 2007 - 2010 captured progress made from the inaugural Plan and charted methods for continuing improvement.



The results were that Perkins+Will and its staff had:

- More LEED APs than any other company;
- LEED Certified projects in every office;
- Presented at numerous conferences, published articles and research;
- Volunteered on Boards and committees with AIA, USGBC, CaGBC and others.

In her role as Co-director of the Sustainable Design Initiative, Paula drafted the second Plan, **"Perkins+Will SDI Strategic Plan 2010-2015"** which provided a framework for moving the commitment forward to make Perkins+Will a global leader in sustainable design. To become a global leader, **sustainable design would have to be synonymous with design excellence.**

The firm would have to lead the way forward, push the design envelope and move beyond a simple vision of sustainability towards **a deeper concept of design that researched and implemented leading-edge sustainability strategies.** This plan set forth a new design and operating paradigm for Perkins+Will, focusing on an integrated design approach that looked more holistically to how the firm designed buildings within communities.

Appendix: The SDI Plan 2007 - 2010

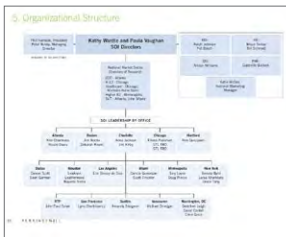
The following matrix represents the SDI Plan for achieving Objectives and Goals identified in *Broader Goals: SDI Plan 2007 - 2010*. The matrix is divided into a series of identifiable tasks with specific results and deliverables. As with most plans, this one will continue to evolve and change as we evolve and learn.

Industry Leadership: A. Fundamental Strategies 2030 Challenge

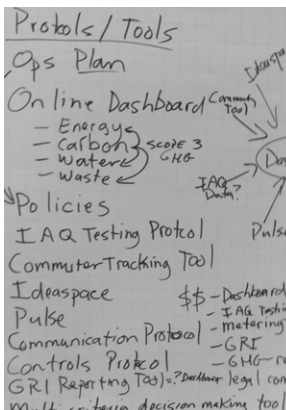
STRATEGIES	TACTICS + TIME FRAME	DELIVERABLES	RESPONSIBILITY
Position Perkins+Will as a global leader in sustainable design by immediate and committed adoption of the strategies outlined in the 2030 Challenge.	Deliver a firm-wide announcement and press release of Perkins+Will's adoption of the 2030 Challenge. [Immediate]	Brief description of the 2030 Challenge along with supporting reasons for Perkins+Will's adoption and strategies for meeting the challenge. LEED leader/committee per office & per sector.	Phil Harrison Peter Busby
	Develop stakeholder interest at all levels through regular programming at retreats, meetings and similar events. [Ongoing effort]	Updates of process and progress, both internally and externally, which facilitate meeting goals of the 2030 challenge.	Phil Harrison and Board of Directors (BoD) Perkins+Will Leadership SDI, EDI, EE, PMI Green Team Leaders (GTLs) and Researchers
	Conduct in-house presentations and informational sessions to educate Perkins+Will employees. [Immediate]	Presentation materials, both custom and publicly-available, configurable and scalable to accommodate various groups, TIME FRAMES and media.	Green Team Leaders and Researchers Local Green Teams
	Work with like-minded consultants, researchers and manufacturers to create demand for sustainable, high-performance products and drive market change. [Immediate and ongoing]	Update announcements of products and research.	GTLs and Researchers Local Green Teams



The Strategic Plan 2007 - 2010's matrix defined specific tasks and deliverables necessary to help move the firm into global leadership.



2007 Green Team Leadership and structure



2011 Sausage making

This integrated design approach permeated all aspects of the Strategic Plan, which established goals in four major categories:

- Industry Leadership: energy, water, materials and social requirements for all Perkins+Will projects
- Integrated Design Services: Use holistic and integrated design services
- Knowledge Leadership: Achieve advanced sustainable design solutions through project research and partnerships with other organizations
- Operational Excellence: Reduce the negative impact of firm-wide operations

In 2008, Perkins+Will was awarded the **AIA, IIDA and CoreNet "Global Award for Sustainability"** The specific jury comments included:

"Perkins+Will was recognized for its Sustainable Design Initiative (SDI) Strategic Plan and Green Operations Plan. These plans, implemented throughout the firm's 1,300-person staff, outline measurable practical and operational strategies that have made Perkins+Will a thought leader in sustainable design."

In the third Strategic Plan, Paula McEvoy proposed that the firm's approach to sustainability should simplify and clearly align with the firm's core work. The **"SDI Strategic Plan 2010-2015"** looked at how to move from simply designing sustainable buildings to **fully integrating sustainable design methodologies into all aspects of the firm's practice** and work on regional, national and global levels. Three objectives were created that formed the process for reach these goals:

- **Design Excellence:** Improve the design process to ensure every project meets Perkins+Will's higher sustainable design goals
- **Knowledge Leadership:** Broaden the firm's commitment to creating and supporting applied research, internal education, public advocacy, and outreach.
- **Operational Performance:** Demonstrate exemplary leadership by tracking and reporting operational data and workplace environment information.

Currently, Paula McEvoy continues to lead sustainability at Perkins+Will. As the strategic importance of sustainability grows, she is leading the next frontier– through research, tool development, design, and the services that the firm delivers.



03.2

Design Excellence

Improve and refine our design process to ensure every project meets Perkins+Will's sustainable design goals and moves towards a regenerative design framework.

OVERVIEW / While the USGBC's *Leadership in Energy and Environmental Design (LEED)* Rating Systems were critical in establishing a standard by which sustainable building design could be measured, it is no longer sufficient as the single benchmark for sustainable design excellence. LEED set strategies for reducing the negative impact of building design and construction in our environment. Newer strategies, such as the *Living Building Challenge*, *Sustainable Sites Initiative* and *Regenerative Design Frameworks* include the measurement of the positive impact on our environmental and ecological systems. As we shift to a world which is predominately urban, it will become increasingly important to find design solutions to support sustainable design and growth of cities and communities. In 2015, Perkins+Will must strive towards work which supports nature-based design, restoring natural and sustainable patterns of development and living, and the "coevolution of humans and natural systems."

Goals

1. **Design Excellence:** Design projects that are inspired by and connect with natural systems, and enhance human health and well-being.
2. **Optimize Performance:** Meet our increasingly rigorous performance goals for the 2030 Challenge, water and material use as a way of moving projects towards regenerative design by 2015.
3. **Integrated Design Process:** Engage in whole systems and integrated design thinking for every project.
4. **Benchmark and Improve:** Benchmark and analyze design solutions to predict and inform the design process and advance our expertise.

3.10 The Perkins+Will Green Operations Plan

FIRM

Perkins+Will

COMPLETED

2005

ROLE OF NOMINEE

Paula McEvoy, as Co-director of the Sustainable Design Initiative, was responsible for the strategic planning, vision, synthesis and publication of this corporate Plan.



"I was among many who downloaded these documents to find one of the most comprehensive collections of sensible and proven strategies for greening the firm and its practice. The impacts on the practice of architecture were demonstrable and it is no accident with when the AIA published the 2030 Commitment a firm operations plan was a requirement."

RUS PERRY, FAIA
PRINCIPAL,
THE SMITH GROUP

SYNOPSIS

Sustainable design and environmental stewardship are two of Perkins+Will's core values. Through **proactive assessment and action** the firm educates employees, colleagues, and our clients on ways to improve their operational performance and lessen their impact on the environment. In November of 2004, Perkins+Will's Board of Directors approved the Sustainable Design Initiative (SDI) strategic plan, which was designed to position Perkins+Will as the leading sustainable design firm in North America. An important component of that plan was a focus on **"greening" the firm's operational procedures, policies and activities.**

Led by Paula McEvoy, the Perkins+Will Green Team took a holistic approach to develop a set of strategies to improve the firm's environmental performance. The research team identified **key environmental issues related to transportation, water and energy use, office consumables, indoor air quality and office renovations.** The results were a set of policy statements, implementation strategies and associated costs that helped guide the firm toward significant reductions in its environmental footprint with the ultimate goal of being restorative to counteract years of environmental degradation.

The Perkins+Will Green Operations Plan includes a **policy matrix and detailed research reports.** The policy matrix identifies the goals, the assessment methodology, the policy statements, and the strategies for implementation. The research reports document the analysis and investigations surrounding each of the topic areas and serve as the basis for establishing the policy statements. The Perkins+Will Green Operation Plan is similar to the SDI Strategic Plan in that it is **a comprehensive document designed to identify opportunities to improve existing office policies and procedures.**

"Through its Green Ops Plan, the firm has been able to make good on its commitment to preserving natural resources. In Atlanta, recycling saved 200,000 gallons of water in 2006 compared to 2005. The Chicago office is using 100% post-consumer recycled paper, which keeps 12,000 pounds of waste out of landfills and saves 200 trees a year. The firm at large purchases 100% green power from wind-generated sources. Indoor air quality in the Washington, D.C., office is being improved via a centralized green space filled with toxin-removing plants."

- *Building Design+Construction, 2007 Best AEC Firms to Work For*

DECLARATION OF RESPONSIBILITY

I have personal knowledge of the nominee's responsibility for the project listed above. That responsibility included:

- Responsible for design
- Project under direction of nominee

John Hogshead
Perkins+Will
Principal, Operations Director

The Green Operations deals with 6 basic categories:

- transportation
- water use
- energy use
- office consumables
- indoor air quality
- office renovations

Office Policy Matrix, April 2005

The Green Operations Plan is based upon research conducted in the areas of transportation, water and energy use, office consumables, indoor air quality and office renovation. Individual reports were prepared for each policy area, providing empirical research and supporting reference standards and guidelines. Policy recommendations outlined in this matrix are for each P+W office to adopt and embrace.

1. Transportation	+
2. Office Water Use	+
3. Office Energy Use	+
4. Office Consumables	+
5. Indoor Air Quality	+
6. Office Renovations and New Construction	+

Water's Impact on the Environment

Introduction
Water is a valuable resource that is essential for life. It is also a finite resource. The amount of water available on Earth is limited, and the demand for water is increasing. This report outlines the impact of water use on the environment and provides recommendations for reducing water consumption in the office.

P+W Water Use Reduction Options
The following are the most effective ways to reduce water consumption in the office:

- Fix leaks: A single dripping faucet can waste up to 3 gallons of water per day.
- Use low-flow fixtures: Low-flow faucets and showerheads can reduce water consumption by up to 50%.
- Turn off the tap: Don't let the water run while you brush your teeth or shave.
- Use a water-saving toilet: A water-saving toilet can reduce water consumption by up to 60%.

Conclusion
Reducing water consumption in the office is a simple and effective way to reduce the impact of the office on the environment. By following the recommendations in this report, the office can save money and protect the environment.

Screen-shots to the right show examples of the policy matrix from 2 of the categories: Transportation and Office Energy Use. The Plan outlines strategies for assessment, methods for improvements and associated cost and labor impacts.

1 TRANSPORTATION			
Goal: Decrease green house gas emissions associated with employee transportation.			
Policies:			
A: Assessment: assess transportation habits used by employees and associated green house gas emissions.			
B: Mass Transit and Cycling: increase alternative modes of transportation with cycling and mass transit.			
C: Fuel Efficient Company Cars: all purchased or leased vehicles to be hybrid.			
D: Offset Air Travel Emissions: offset all emissions produced by business air travel with purchase of carbon credits or tree planting.			
A: ASSESSMENT			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Survey employee transportation habits.	Tabulate an aggregate green house gas emissions figure based on a survey.		Spring 2005
B: MASS TRANSIT AND CYCLING			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Increase funding of employee public transit from current \$35 subsidy to \$50 subsidy.	Firm-wide cost = +\$2,400 per month. Costs based on current 161 employees (firm wide) participating with pre-tax contribution.	Varies per office	Spring 2005
Consider funding the increase of public transit subsidy from car parking subsidy.			
Encourage cycling through subsidized off-site shower and storage facilities.	Increase awareness by posting bike maps, teaching bike safety and plan fun cycling events.	+\$100 per year per cyclist	Spring 2005
Include shower and storage facilities in all new P+W office designs per LEED (Sustainable Site, Credit 4).	Consider implementing this strategy in current office space if transportation assessment indicates a high demand for cycling.		
C: FUEL EFFICIENT COMPANY CARS			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Buy or lease hybrid vehicles for any P+W office car.		Negligible	Spring 2005
D: OFFSET AIR TRAVEL EMISSIONS			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Assess air miles traveled on business trips to determine environmental impact.	Consult company's travel agent to determine total air miles.		Spring 2005
Offset air mile emissions with purchase of carbon credits or tree planting.		+\$490 per year for a 25 person office	Spring 2005

3 OFFICE ENERGY USE			
Goal: Decrease office energy consumption and associated green house gas emissions.			
Policies:			
A: Assessment: assess current office energy consumption.			
B. Reduce Lighting Energy Consumption: decrease office energy consumption associated with lighting.			
C. Reduce Office Equipment Energy Consumption: decrease office energy consumption associated with computers, office equipment and appliances.			
D. Purchase Green Power: purchase renewable energy to offset office power use.			
A: Assessment			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Calculate office's total energy consumption.	Lighting power, computer and equipment power and HVAC power will need to be accounted for.		Spring 2005
B: Reduce Lighting Energy Consumption			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Use only energy efficient lamps.	Savings based on 11,200 watt reduction (see section 2B Lighting). Cost of fixture not included in price.	\$640 per year per 25 person office	Spring 2005
Replace incandescent lamps with fluorescent (including task lighting) in non-dimmer controlled areas.			
Use low mercury content lamps.	Lamps must be TCLP compliant products.	Negligible	Spring 2005
Reduce hours of light operation.	Savings represent yearly total for each hour lights are not used. Cost of fixture not included.	\$215 each hour for 25 person office	Spring 2005
C: Reduce Office Equipment Energy Consumption			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Consider power usage of computer equipment when making purchasing decisions to continually increase power use efficiency.			Spring 2005
Institute office-wide policy of computer "standby" mode.		\$85 per year per 25 person office	Spring 2005
Replace existing CRT monitors with LCD monitors.	Savings represent electricity consumption reduction. Costs do not include monitors.	\$150 per year per 25 person office	Spring 2007
Replace Desktops with laptops for all employees when appropriate.			Spring 2007
Use Energy Star rated equipment and appliances.			On going
D: Purchase Green Power			
Strategies	Remarks	Approximate Costs/Savings	Completion Date
Purchase 25% green power.	Purchase green power to offset pollution caused by traditional power sources.	+\$375 per year	Spring 2005
Purchase 50% green power.		+\$750 per year	Spring 2006
Purchase 75% green power.		+\$1,000 per year	Winter 2006
Purchase 100% green power.	Costs based on 25 person office.	+\$1,400 per year	Spring 2007



Paula Burns McEvoy, AIA

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