

Curriculum Vitae

Jason Kliwinski

Sustainability A. C. E.

Architect

Consultant

Educator

Jason Kliwinski, AIA, LEED Fellow/Faculty, CSBA, Climate Reality Leader
Sustainability A.C.E. – Architect • Consultant • Educator

Curriculum Vitae

Profession Sustainable Architect, Consultant, Educator
Year of Birth 1971
Nationality American



Education and Professional Affiliations:

Bachelor of Architecture, New Jersey Institute of Technology, 1994
Wetland Restoration Training Workshop, 1995
Living Machine Design Workshop, Ocean Arks International, 1998
LEED Accredited Professional, 2001 to Present (BD&C/O&M)
Registered Architect, NJ/PA/NY/TX
AIANJ COTE Chair, 2005 to 2009, 2014-Present
AIANJ President, 2010
Co-Founder USGBC-NJ & Education/Resiliency Committee Chair
Adjunct Professor, New Jersey Institute of Technology, SOA in Sustainable Design 2008-14
USGBC LEED® Faculty™, 2008 to Present; USGBC LEED® Fellow, 2012 to Present
Certified Sustainable Building Advisor, 2013 to Present
GPro Instructor, 2013 to Present
Climate Reality Leader, 2013 to Present
Adjunct Professor in Sustainability, Rowan & Montclair State Universities, 2016-2018

Key Experience:

Jason is a thorough, experienced, and responsible licensed Architect and Project Executive/Manager with extensive expertise in all phases of the profession including proposal preparation & presentation, contract preparation & negotiation, programming, schematic design, design development, construction document preparation (including full Interior design), bidding & negotiating, and construction administration including project close out.

Beyond architecture, Jason is skilled at being able to see the big picture vision, create stakeholder buy-in, and successfully execute plans as small as a net zero energy house or as large as an entire organization's long term sustainability master plan. As a key team member, Mr. Kliwinski has been integrally involved in the restoration, preservation, and adaptive reuse/renovation of existing facilities as well as design and construction of major new green buildings in a variety of market sectors across the Country.

In addition to being responsible for the design and oversight of construction of many buildings, Jason has also been a pioneer in carbon neutrality and energy master planning, having completed master plans affecting over 5 million gsf, 4 counties, 2 states, and over 200,000 people.

Jason is also a passionate educator and regularly speaks at International and national conferences, as LEED and GPro Faculty and as a guest lecturer sustainable design at Princeton University and NJ Institute of Technology.

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Jason's educational efforts are based on hands-on experience though. He is intimately familiar with WELL Building & LEED™ standards as in addition to climate change protocols and has applied them to help design successful 'green' building projects and practical master plans, including the 162,000sf LEED™ NC Gold Certified Microsoft School of the Future in Philadelphia, PA, the 50,000sf LEED™ NC Silver and Gold Certified Rider University West Village residence life buildings and Academic Building, LEED™ Gold certified Makefield Elementary School, and two LEED™ NC Gold Certified TD Bank prototypes including a net zero energy retail location in Florida to name a few.

As co-founder of USGBC-NJ, North East Regional Chair of the AIA Committee on the Environment, and Past President of AIA-NJ, Jason understands what it takes to create momentum, get buy-in on actionable paths, and act on the behalf of organizations to achieve success. An innate ability to think both pragmatically and visionary simultaneously is one of those rare characteristics leadership requires and Jason possesses. Jason's education efforts combined with a track record of successful, cutting edge, economical green building projects and master plans have made him one of the prominent green building experts in the field today, recognized internationally by USGBC as a LEED Fellow in 2013, one of less than 600 in the world.

EDUCATION

Considered an expert in the field of sustainability, Mr. Kliwinski is regularly asked to present at conferences and lectures throughout the Tri-State area, nationally, and internationally. As such, he has presented in a wide range of public and private forums and understands the importance of being able to 'tell the story' of sustainability.

A sampling of groups and organizations that Jason has presented to include:

- NJEDA, NJDEP, & NJCommerce- High Performance School Workshop Guest Speaker
- US Army Corps of Engineers
- US Environmental Protection Agency, Region II- Wetland Restoration Technology
- Earth Day Exhibition- Components of Sustainable Design
- World Energy and Engineering Conference
- New Jersey Association of School Business Officials
- US Green Building Council Greenbuild Design Conference, 2008, 2014, 2017
- North East Sustainable Energy Association, Regional Conference
- AIA-NJ Committee on the Environment High Performance Workshop
- New Jersey Higher Education Partnership for Sustainability
- New Jersey Society of Professional Engineers
- International Sustainable Building Conference, Lisbon Portugal 2007
- Society for College and University Planners, Regional & National Conferences
- AIA National Convention 2011
- USGBC LEED Workshop (100, 201, 301)
- International Association of School Board Officials, 2014-15
- AIA National Conference, 2017
- East Coast Green, 2017, 2019

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SELECTED PROJECT EXPERIENCE:

RESIDENTIAL

Holmes Residences New Construction (\$1,200,000)

Manchester, NJ *LEED Silver certified and net zero electric energy*

A new sustainable 2,500 square foot custom home for Mr & Mrs Holmes was designed which achieved LEED certification. In addition a new sustainable 2,500sf custom home for their parents was designed across the street for their retirement. Architect of Record responsible for all phases of design/drafting, budgeting, LEED design elements including daylighting, high performance HVAC, non-toxic, recycled content finishes, ultra-low water use & Photovoltaic panels, 9kW PV system.

Reference: Jon Holmes & Cara Beth Rulli, jonathan.m.holmes@gmail.com, (609) 647-5041

Holcombe House Renovation and Historic Restoration (\$650,000)

Delaware Township, NJ

Existing 275 year old historic farmstead under strict historic easement on the entire exterior and first floor. Architect and Construction Administrator responsible for all phases of design and coordination of construction in conjunction with the general contractor. This sustainable features include returning the house to off-grid operation with a 12kW solar photovoltaic system, use of healthy and environmentally responsible finishes throughout, permaculture site planning, rebuilding of existing historic elements such as windows, stone walls and fireplaces, and a zero waste construction process.

Grant Residence Addition & Renovation (\$450,000)

Gladwyne, PA; New 2,000sf addition and select renovations of 1800's era home including new first floor family room with master bathroom suite above, renovated kitchen, master bedroom, and bathrooms throughout house. Modification of 3' thick stone walls for new openings, windows, and expansion of rooms included.

Reference: Alan Grant, agrant@terraneutral.com, (215) 776-5078

Santelli Residence (\$250,000)

Asbury Park, NJ; New 1,000sf beach house designed for daylighting, natural ventilation, healthy/ environmentally responsible materials, and solar photovoltaics. This project has recently completed design and is ready to start construction.

Morgan Residence Addition (\$200,000)

Princeton, NJ; New 1,200sf addition to existing early 1900's era home to provide live-in suite for owner to be able to rent out the rest of the house. Addition includes living room, dining and office on the first floor that connects to the existing home's kitchen. Second floor, connected by a spiral staircase includes master bedroom and bathroom and meditation room, connected to existing second floor bedroom. Green features include extensive daylighting, energy efficient windows/doors/walls, non-toxic/ environmentally responsible interior finishes, water efficient fixtures, salvaged wood flooring, wood burning stove heat.

Reference: Jennifer Morgan, jmuniverse@gmail.com, (609)273-6049

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EDUCATIONAL (HIGHER ED)

Montclair State University (\$200 million)

Montclair, NJ *LEED NC Gold & Silver Certifications*

New 110,000sf Center for Environmental & Life Sciences building and new 130,000sf School of Communications. LEED Administrator & Commissioning Agent responsible for integration of all LEED design elements including commissioning, design & construction oversight, sustainable finish specifications, shop drawing review, RFI responses and final LEED documentation, submission and certification.

Universidad de Monterrey Academic Building (\$75 million)

Monterrey, Mexico *LEED NC Silver Certified*

New 250,000sf Academic Building. Architectural Project Manager & LEED Administrator responsible for integration of all LEED design elements including energy modeling, commissioning, CFD ventilation modeling, envelope design, lighting design & sustainable finishes.

Rider University Academic Building & West Village (\$22 million)

Lawrenceville, NJ *LEED NC Gold & Silver Certified*

New 20,000sf Academic Building and two new 25,000sf residential dorms. LEED Administrator responsible for Integration of all LEED design elements including SIP construction, permeable pavement, daylighting, sustainable finishes, green roof.

Widener University (\$11 million)

Chester, PA *LEED NC Gold Certified*

New 34,000sf Academic & Communication building. LEED Administrator responsible for Integration of all LEED design elements.

Burlington County Community College (\$11 million)

Burlington, NJ *LEED NC Gold Certified*

Historic Preservation & addition combine to form a new 19,000 Culinary Arts Center. LEED Administrator responsible for Integration of all LEED design elements.

Princeton University Chemistry Building (\$120 million)

Princeton, NJ

New LEED Silver designed 100,000sf chemistry building. Commissioning consultant for architectural and building envelope components as related to LEED and sustainable design.

The College of New Jersey Sustainability Masterplan (\$50 million)

Ewing, NJ

300 acre, 3 million gsf master plan to make TCNJ carbon neutral by 2040. Project Manager

Rider University Sustainability Masterplan & Implementation (\$45 million)

Lawrenceville, NJ

200 acre, 1.5 million gsf master plan to make Rider carbon neutral by 2030 and development and implementation of Energy Service Contract program. Project Manager

Berkeley College Sustainability Masterplan (\$35 million)

New York & New Jersey Campuses

8 campus, 500,000 gsf master plan to make Berkeley carbon neutral by 2040. Project Manager

University of Medicine & Dentistry: Dental School Expansion (\$20 million)

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New Jersey Dental School, Newark, NJ
100,000 square foot addition & 175,000 square foot renovation of the existing building.
Includes new dental labs for manufacturing various , treatment center. Project Manager
responsible for Programming & Schematic Design

Thomas Edison State College: Preservation & Addition (\$8 million)

Trenton, NJ
Project Coordinator
30,000sf high tech classroom/conference and office addition and 20,000sf historic
preservation of 18th Century townhouses sharing a lawn with the NJ State House and
historic Trenton Barracks. Sustainable features include design for daylighting, healthy &
environmentally responsible finishes, high performance HVAC.

EDUCATIONAL (K-12)

Microsoft School of the Future (\$62 million)

Philadelphia, PA *LEED Gold Certified*
New 162,000 square foot high school. Project Executive responsible for overall management
and integration of all LEED design elements including rain water catchment, photovoltaics,
daylighting, high performance HVAC, green roof, non-toxic, recycled content finishes &
\$350,000 grants

Christina Seix Academy (\$32 million)

Ewing, NJ *LEED NC Certified*
New 60 acre residential private school for economically and socially underprivileged
children K-8. Includes 3 LEED Schools Silver certified academic buildings and 4 LEED
Homes Gold designed residential prototypes. Jason served as the Project Manager & LEED
Administrator for Spiezle Architectural Group and was responsible for bringing this client to
the firm, selection of project site, master planning, and development of all construction
documents to build the new campus from scratch, including a 500kW central PV system and
geothermal system, LEED certification and healthy interior finishes.

NYC School Construction Authority 3-K School (\$8.5 million)

Staten Island, NY *LEED Silver Designed per SCA Standards*
Working as project manager for DF Gibson Architects, Jason oversaw all phases of work
including proposal/contract negotiation, schematic design, design development,
construction documents and cost estimating. The Construction Document phase was recently
completed and the project is preparing for bidding and construction now. As part of this
process, Jason worked with SCA online systems for invoicing, specification & drawing
development and cost estimating as well as with the top personnel at SCA's office.

South Bronx Job Corp Training Center (\$18 million)

Bronx, NY *Moses Award for Historic Preservation, NYC Landmarks Commission*
Existing 1908 building listed on the National Register was purchased by the Federal
Department of Labor in 1923 and converted from an orphanage to a vo-tech. It has not been
renovated since. Jason acted as the construction manager on behalf of DF Gibson Architects
and the Owner (DOL) to oversee extensive exterior restoration efforts and interior upgrades
Exterior restoration work included new roof & insulation, windows, masonry repairs, and
flashing replacement. Interior renovations done while this residential school was still
occupied included a new HVAC system, lighting, ceiling replacement, attic floor renovation
for new offices and various office suite/classroom renovations.

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Makefield Elementary School Addition & Renovation (\$13.5 million)

Lower Makefield, PA *LEED for Schools Gold Certified*

New 15,000sf addition & 55,000sf major renovation. Jason acted as the project executive and LEED Manager responsible for integration of all LEED design elements. The scope added a cafeteria, replaced all finished and bathrooms, renovated administrative offices, a half dozen classroom and created a new accessible library in the lower level all while occupied over 18 phases and 3 years.

Morris County School of Technology (\$15 million)

Denville, NJ *LEED Silver designed*; New 50,000 square foot addition and 40,000 sf renovations to existing high school campus. Addition and renovations phased over 3 years. Project Architect/Manager responsible for all phases of design, budgeting, and CA services.

Hopewell Valley Regional School District (\$10 million)

Pennington, NJ

New 30,000 square foot addition and 60,000 sf renovations to existing middle school, designed to LEED Silver standards. Technologies include Geothermal, Solar Electric, Waterless Urinals, daylight harvesting, natural daylight/ventilation, and healthy materials. Project Architect/Manager responsible for all phases of design, budgeting, and CA services.

CORPORATE:

TD Bank LEED Gold Prototypes

Denville, NJ; Farmingdale NY; Annandale VA *LEED Platinum, Gold & Silver Certifications*
New LEED Gold prototype banks built for 10% less first cost and saving 40% in operating costs. Project Manager/LEED Administrator

Purdue Research Center (\$14 million)

Purdue Pharma, LLP, Ardsely, NY; Adaptive reuse and renovation of a 150,000 sq. Ft. 1960 research facility in to new R&D headquarters of flavor and fragrance company, including extensive new labs, processing facilities and light manufacturing. Job Captain.

United Water Corporate Headquarters (Suez North America)

Paramus, NJ *LEED CI Gold Certification*

This 110,000sf corporate interior project is seeking a LEED CI Gold certification and designed to reduce energy, water and resource consumption dramatically. Features include daylight harvesting, non-toxic finishes and furnishings, high performance fixtures.

Mack-Cali Commercial LEED for Existing Buildings Certification

Princeton & Wall New Jersey Office Buildings, *LEED EB Silver Certification*

LEED Implementation and Certification Oversight services for two 90,000sf +/- commercial office buildings in New Jersey. Services include implementation plan development, credit review and coordination with Owner, LEED Online review, GBCI review and response.

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HOSPITALITY:

Fourpoints by Marriot

Austin, TX

Gut renovation and addition to an existing 60,000sf hotel. Architect of Record.

Wyndham Hotel

Owasko Lake, NY

New 95,000sf hotel. Architect of Record

Nassau Inn Addition & Renovation

Princeton, NJ; Planning & Design of 40,000sf addition and gut renovation of main 1800's hotel room wing to meet LEED Silver certification standards. New addition included conference center and enlarged hotel rooms above.

Westin Inn, New Construction

Berkeley, NJ; Planning & Design Consulting of 180,000sf new hotel and conference center to meet LEED Silver certification standards. 180 beds, conference facility, restaurant, pool.

St. Regis Hotel Energy Efficiency Upgrades

Washington DC; Energy Audit & Recommendations for Historic hotel energy efficiency upgrades including lighting, controls, HVAC, and building envelope improvements.

RENEWABLE ENERGY:

Lawrenceville 1.2 MW Photovoltaic System (\$9.5 million)

Lawrenceville Public Schools; New 1.2 MW Photovoltaic system being installed on seven schools throughout the District providing 30% of District's total power. Project Manager.

Hopatcong 1.5 MW Photovoltaic System (PPA)

Hopatcong Public Schools; New 1.5 MW Photovoltaic system installed to provide power to all schools throughout the District. 1MW ground mounted and 500kW roof mounted PV supplying 90% of District's total power. Project Manager.

TD Bank Photovoltaic Systems & Net Zero Energy Bank

Denville, NJ (15kW); Farmingdale NY (15kW); Annandale, VA (12kW); Cypress Creek FL (50kW). New building integrated solar drive through and entrance canopies providing 15% of all building power in 3 locations and 100% of building power in Florida.

AWARDS:

New Jersey Society of Architects First Place Design Award, 1989

Golden Broom Award, City of Newark, 1993

Alpha Rho Chi Award for leadership, New Jersey Institute of Technology, 1994

American School & University, Award for Educational Design Excellence, 2000

Downtown New Jersey Redevelopment Grand Prize Award, 2000

Corporate Leadership Award, USGBC-NJ 2009

Architect of the Year, American Institute of Architect, New Jersey Chapter, 2011

Firm of the Year, AIA-NJ 2012

LEED Fellow, USGBC 2012

USGBC-NJ Gala Award Recipient, Holmes Rulli LEED Silver Residence, 2013

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PUBLICATIONS:

International Sustainable Building Conference Proceedings, Lisbon Portugal 2007, "*LEEDing by Example at the School of the Future*"

The Zweig Letter, 4/30/2012 "*Green Building Becoming the Norm*"

Greenbuild International Conference and Expo Proceedings 2014, New Orleans, "*A New Paradigm in Education - The Green Program of Study*"

Montclair State University, 2015 "*An Integrated Approach to Environmental Management - Chapter 7: Green Architecture in Environmental Management*"

Greenbuild International Conference and Expo Proceedings 2017, Boston, "*The Sustainable Trifecta – Net Zero Energy, Water & Waste*"