

The Kobet Collaborative

Robert J. Kobet, AIA, President

Sustainability through Enlightenment



Robert J. Kobet, AIA, LEED Faculty
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The Kobet Collaborative is the capstone organization representing over 40 years of continuous dedication to sustainable design and development, high performance green buildings, and environmental education in eleven countries on five continents. In addition to my professional practice as an architect I have enjoyed a parallel career as a college professor, academic consultant and mentor to several businesses and non-profit organizations.

Education

Bachelor of Architecture, University of Cincinnati School of Design, Art, Architecture and Planning

Recipient – *Outstanding Achievement Award*, given to the student who accomplishes the most notable combination of academic performance and cooperative work-study professional practice.

Co-recipient – *Progressive Architecture Award for Applied Research*, for work on the Minimum Energy Dwelling, Mission Viejo, CA, a project of the Southern California Gas Company

Selected – University of Cincinnati College of DAAP Distinguished Alumni

Master of Science in Sustainable Systems, Slippery Rock University

One of six individuals primarily responsible for founding this program, the Country's first.

Author of the Built Environment track of the curriculum. The curriculum received the first

Three Rivers Award for Environmental Education. My thesis was the design and construction of the Macoskey Center, the nucleus of the program.

<http://academics.sru.edu/gge/ms3/program/program.html>

Registered Architect

Commonwealth of Pennsylvania EX8685

State of Florida AR 92767

Professional Memberships

American Institute of Architects

US Green Building Council

Council of Educational Facility Planners International

International Green Education Network

Partner – Kobet Cheatham Group

This past partnership specialized in green construction law, optimizing the investment in high performance green and LEED projects and risk management to avoid suits. Part of this work was in developing effective RFPs and RFQs, authoring green design guidelines and interpreting emerging green construction codes.

Professional Service and Contributions

Chair, Pennsylvania Energy Conservation Committee. Appointed by Governor Casey.

Member

Commonwealth of Pennsylvania AIA Board of Directors

Pittsburgh AIA Board of Directors

National AIA Committee on the Environment (COTE) Executive Committee

Greenguard Advisory Board

Waldorf School of Pittsburgh Board of Directors

Pittsburgh Civic Garden Club Board of Directors

USGBC South Florida Board of Directors

USGBC South Florida Green School Advocacy Committee

Council of Educational Facility Planners International

Charter Member Sustainability Committee

International Green Education Network, Karlshue, Germany

Volunteer, Post Katrina disaster relief working in NOLA School recovery efforts

Working Member, ASHRAE Advanced Energy Design Guide 50% Reduction in Schools Committee, completed August, 2011

Awards

2008 Gold Metal Building of America for the Pine Jog Elementary School and Environmental Education Center, Palm Beach County, FL. LEED Consultant to Zyscovich Architects

2005 AIA National Committee on the Environment Top Ten Award Pittsburgh Glass Center, Pittsburgh, PA. LEED and Green Design Consultant to Gardner, Gannon, Pope and Davis

2005 Pittsburgh's Green Champion from the Green Building Alliance, Pittsburgh, PA

2002 AIA National Committee on the Environment Top Ten Award Conservation Consultants Incorporated Center (CCI), Pittsburgh, PA. Project Manager and Director of Green Building Services to CCI

1999 Governor's Energy Award CCI, Pittsburgh, PA. Project Manager and Director of Green Building Services to CCI

1998 Pennsylvania's First Green Facility, PA Department of Environmental Protection South Central Office Building Harrisburg, PA. Consultant to DEP

1995 Governor's Energy Award for Energy House, Highland Park, Pittsburgh, PA. Project architect

1994 Three Rivers Award for Environmental Education for the Master of Science in Sustainable Systems, Slippery Rock University, Slippery Rock, PA. Co-founder of the SRU Master of Science in Sustainable Systems and author / professor of the Built Environment track between 1990 and 1995

Co-recipient 1977 Progressive Architecture Award for Applied Research from Progressive Architecture Magazine

Outstanding Achievement Award University of Cincinnati, 1997

Experience in Higher Education

- Adjunct Professor, Carnegie Mellon University School of Architecture – Seven Years
 - Author, *International Viewpoints on Sustainability*, an elective offered University wide
- Adjunct Professor, Slippery Rock University, Master of Science in Sustainable Systems – Four Years
 - Co-Founder and author of the Built Environment Track of the Program
- Associate Professor, Penn State University, Fayette Campus – Four Years
 - Taught full complement of Architectural Engineering Courses; HVAC, Acoustics, Lighting, Plumbing and Site Planning
- Adjunct Professor, Kent State University College of Architecture and Environmental Design – Four Years
 - Taught 3rd and 4th year Design Studio, Environmental Technology I and II, Methods and Materials, and Technical Writing
- Part Time Instructor, Butler County Community College Architecture Department – Two Years
- Part Time Instructor, Allegheny County Community College, Engineering Technology – Two Years
 - Authored a course on *Solar Energy Applications and Passive Solar Design*
 - Designed and supervised a small Residential Solar Lab as a student project.
- Visiting Lecturer,
 - University of Buenos Aires, School of Architecture
 - Oberlin College Environmental Studies Program
 - University of Vermont
 - Penn State University College of Architecture and Engineering
 - Clemson University School of Architecture
- Consultant to the Tecnologico de Monterrey, Campus Queretaro and Campus Saltillo, Mexico to green the architecture and engineering curriculum. I hosted their 2011 International Design Workshop in Miami, and the 2012 International Design Workshop in Pittsburgh, PA. My responsibilities include co-teaching the sustainable design studio, guiding green building tours and providing lectures on a variety of green building topics.

US Green Building Council Service and Responsibilities

- USGBC LEED BD+C Accredited Professional
- USGBC LEED Faculty – Selected as one of the original eleven faculty in 2001
- USGBC LEED International Faculty
 - One of first twelve individuals chosen by the USGBC to conduct LEED accredited workshops internationally. Authorized to conduct USGBC sanctioned workshops for:
 - LEED for New Construction (LEED NC) 200, 251 and 300 Levels*
 - LEED for Commercial Interiors 300 Level*
 - LEED for General Contractors and Construction Managers*
 - LEED for Schools 200 and 300 Levels*
- Primary Author, *LEED for Contractors and Construction Managers Workshop*
- USGBC / GBCI Course Reviewer currently participating in new course review and evaluations under consideration for Continuing Education Units
- GBCI Registered Course Provider
 - Author of *Optimizing the Investment in Green and LEED Buildings While Minimizing Risk*, Eight hour, 6 CEU and 1.5 hour, 1.5 CEUs
- Past Member, US Green Building Council Education Committee Steering
- Past Member, LEED Accreditation and Curriculum Core Committee
- Past Member, USGBC South Florida Chapter Board of Directors.

I have instructed over 100 LEED workshops in the US and around the world in addition to numerous LEED for Schools related teacher development workshops. These sessions have been public forum events and private workshops, tailored to the client and green business interest of the attendees.

International Experience in Sustainable Design and Development

Consultant to US DOE and ORNL for the design of the Micro Energy Building (MEB)

One of the central buildings in the Beijing Olympic Village. Consulting services were Provided Mr. XU of the Guo'Ao Development Company. The work was coordinated with the larger planning efforts of the Beijing Olympic Village which was a Pilot Project of LEED for Neighborhood Development (LEED ND). It was Awarded LEED Gold

Consultant to assist the Guo'Ao Development Company in the development of a new town near Guilin, China. Environmental assessments, open space planning, urban design and development will use LEED ND as a guide. My responsibilities span consulting on large scale land use issues to detailed high-performance green building design and construction of a number of building types.

Consultant to the Cultural Section of the US State Department for Sustainable Development assistance to stakeholders in Buenos Aires, La Plata and Cordoba, Argentina. My involvement included the review of land use practices and urban design paradigms. using the tenets of sustainable design and development.

NAVFAC MAR – US Navy Facilities Marianas Guam

Participated in a team consulting to the US Navy and Marine consortium developing a new \$11 billion dollar, 2700 acre Marine base on Guam. The project will relocate over 20,000 marines, their families and support personnel from Okinawa before 2014. Consulting focused on the coordinated application of LEED for Neighborhood Development, the LEED Campus Guide, LEED for New Construction, LEED for Existing Buildings and LEED for Schools. The completed project will consist of over 5000 individual buildings, all of which will be evaluated for LEED Silver.

Dubai Real Estate Corporation, Government of Dubai, United Arab Emeritus

Served as LEED Consultant to the Government of Dubai via an ongoing personal service agreement. Responsibilities included LEED training and consulting to build in house capacity as well as serving as the corporation's advocate in LEED project reviews and project optimization efforts in the UAE.

Al Mina HQ Project, Dubai, UAE

LEED consultant to DREC, Government of Dubai on the development of a 300,000 sq. ft. mixed use development in Dubai. VOA International of Orlando, FL and RED Engineering are the A/E Team. The project is a split twin office tower with retail, spa resort and parking complex. The team is using LEED for Core and Shell in its attempt to achieve LEED Platinum.

Project 254, Dubai, UAE

LEED consultant to Al Safaar Development and Construction Company for the LEED certification of a mixed use residential and commercial mid rise building in Dubai, UAE. The project is currently in the construction documents phase. LEED Silver is anticipated.

Episcopal Dioceses of the United States, Rwanda, Africa

Participated in a team invited to Rhuengeri and Kigali to consult on environmental degradation and regenerative land use restoration projects. Consulting included the

evaluation of large tracks of land under consideration for preservation through the development of protected areas for the threatened upland gorilla combined with revenue generation through eco-tourism.

Hopital Albert Schweitzer, Deschapelle, Haiti

Collaborated with Desmone and Associates and the Friends of Hopital Albert Schweitzer on the master planning and phased regenerative restoration of this facility. The effort is ongoing. The approach spans the application of permaculture principles to large scale land regeneration to green, high performance building design and construction practices. The goal is to implement energy, material and water conservation and renewable energy systems to make the complex as self sufficient as possible.

Eastern Europe Sustainability Initiatives

Contracted through Air and Waste Management, the Rockefeller Brothers Foundation and the Heinz Endowments to assist VITA, a not for profit organization originally headquartered in Ostrava, Czech Republic, to develop a number of community development projects. These included community design initiatives and weatherization programs in Ostrava and Hradek nad Nisou in the Czech Republic and Marklowice and Katowice, Poland. In addition to consulting on these projects I participated in community work efforts to build them.

Public Recognition and Speaking Experience

Recipient of the First Pittsburgh Green Champion Award in 2005

Author of several CEUs on Allergy Free, Nontoxic Design for the American Society of Interior Designers, including their first in 1989. These have been offered all over the US and Canada, including the annual ASID Super Campus

Recognized by the Healthy House Institute as one of the Top Fifty Designers in the US specializing in Allergy Free, Nontoxic Design for people with multiple chemical sensitivities.

Experienced public speaker, including numerous keynote addresses, for a variety of organizations. These include:

- Several USGBC Greenbuild Conferences
- Council of Educational Facility Planners International
- International Green Education Network, Karlsruhe, Germany
- US Environmental Protection Agency, Tools for Schools
- American Society of Interior Designers
- School Facilities and Management Institute
- Pennsylvania Governors Energy Council
- Kansas Green School Initiative
- The Modular Building Institute
- Ohio Schools Facility Council
- Pennsylvania Green Schools Initiative
- American Institute of Architects Committee on Education
- American Society of School Board Officials

In addition to extensive public speaking I have facilitated a number of green design and LEED charrettes, teacher workshops, and community design and development seminars. I have also developed and facilitated a number of webinars on a variety of sustainable design and development topics.

Please visit www.bobkobet.com for a more complete listing of projects, publications and awards.

US Green Building Council / LEED Credentials

One of first twelve individuals chosen by the USGBC to conduct LEED accredited workshops nationwide. Authorized to conduct USGBC sanctioned workshops for:

LEED for New Construction (LEED NC) 200 and 300 Level

LEED for Commercial Interiors (LEED ID + C)

LEED for General Contractors and Construction Managers

LEED for Schools 200 and 300 Level

LEED International Faculty

Chair, USGBC LEED for Schools Initiative

USGBC LEED Accredited Design Professional since 2000

USGBC LEED International Faculty

USGBC / GBCI Accredited Course Reviewer

Author – Controlling Cost and Managing Risk in LEED Projects – Optimizing the Investment While Avoiding Suits. Full day workshop - 6 GBCI CEUs

Author – Where's the Money, Where's the risk? I hour lecture – 1 GBCI CEU

Co-Author, LEED for Contractors and Construction Managers Workshop

Member - South Florida Green School Advocacy Committee

Past Member - USGBC Education Committee Steering Committee

Past Member - LEED Accreditation and Curriculum Core Committee

Past Member - USGBC South Florida Chapter Board of Directors.

LEED Projects

Miami International Airport North Terminal Development Project 2006 - 2008

LEED Consultant to Parsons Oberecht (POJV) for the 3.3 million square feet, \$2.67 billion new construction and major renovation project currently nearing completion. Responsibility includes coordinating the construction activities with the Architectural and engineering work of five different teams to insure a coherent LEED submission. A LEED Certified project is anticipated. Additional responsibilities include facilitating ongoing LEED workshops to build capacity within the architectural / engineering / construction teams to meet LEED credential requirements.

NAVFAC MAR – US Navy Facilities Marianas Guam 2008 - 2009

Serving as LEED consultant to the US Navy and Marine consortium developing a new \$11 billion dollar, 2700-acre Marine base on Guam. The project will relocate over 20,000 marines, their families and support personnel from Okinawa before 2014. Consulting consists of evaluating the coordinated application of LEED for Neighborhood Development, the LEED Campus Guide, LEED for New Construction, LEED for Existing Buildings and LEED for Schools. The completed project will consist of over 5000 individual buildings, all of which will be evaluated for LEED Silver. The work will also include ongoing LEED stakeholder training including LEED for New Construction and Major Renovations and LEED for General Contractors and Construction Managers workshops.

- Florida Turnpike Enterprise* 2009 - 2011
LEED Consultant to Arellano Construction, LEED Project Administrator to the Florida Turnpike Enterprise. Project scope includes a selection of twelve retail facilities on seven turnpike plazas from 3000 to 40,000 square feet. Preliminary construction estimates at \$180 million of phased construction between June 2010 and September 2013. LEED Silver is required for all facilities. Projects are currently under construction.
- Dubai Real Estate Corporation, Government of Dubai, United Arab Emirates* 2007
Served as LEED Consultant to the Government of Dubai via an ongoing personal service agreement. Responsibilities included LEED training and consulting to build in house capacity as well as serving as the corporation's advocate in LEED project reviews and project optimization efforts in the UAE and US.
- Al Mina HQ Project, Dubai, UAE* 2007 - 2008
LEED consultant to DREC, Government of Dubai on the development of a 300,000 sq. ft. mixed-use development in Dubai. VOA International of Orlando, FL and RED Engineering are the A/E Team. The project is a split twin office tower with retail, spa resort and parking complex. The team used LEED for Core and Shell in its attempt to achieve LEED Platinum.
- Project 254, Dubai, UAE* 2007 - 2008
LEED consultant to Al Safaar Development and Construction Company for the LEED certification of a mixed use residential and commercial mid rise building in Dubai, UAE.
- Micro-Energy Building (MEB)* 2007 - 2008
LEED and sustainable design and development consultant to this 150,000 sq. ft. mixed use project in the Beijing Olympic Village. The building served as the Olympic Athlete's meeting center and offices for the Olympics. Post Olympics the building is now a mixed-use office, retail and kindergarten school. Consulting services were rendered through the Department of Energy's Lawrence Berkley Labs.
- New Town Development, Guilin China* 2009 - Current
Sustainable design and green development consultant to a new town in Guilin, China. The project is currently under development in the conceptual design phase. The client is the same developer responsible for the Beijing Olympic Village. Services were provided through the US Department of Energy and the Oak Ridge National Laboratory.
- Technologico de Monterrey* 2009 - 2011
Consultant to Mexico's largest university system's Queretaro, Mexico campus to green the curriculum and integrate LEED into the curriculum for eventual implementation into campus facilities and infrastructure.
- David L. Lawrence Convention Center Expansion, Pittsburgh, PA* LEED Gold
Consultant to the Green Building Alliance between the beginning of the project and March, 2002. Served as technical review and LEED consultant. Project achieved LEED Gold. Raphael Vinoly, Architect, Burt Hill Kosar Rittelmann MEP Contractors, Lamm and Partners, Lighting Design Consultants, Brian Ford, CFD Consultant. 1 million square feet, \$380 million
- State of Ohio LEED School Initiative*
Consultant to the State of Ohio as LEED and green design consultant to their state-wide LEED for Schools program. Work included the greening of the Ohio Schools Facilities Commission School Design Guidelines and specifications and working with the various design teams designing LEED schools in Ohio. I offered LEED workshops to combined groups of architects, engineers, and school officials.

New Orleans High Performance Green School Initiative

High performance Green school and LEED consultant to the Clinton Climate Initiative's work with the New Orleans Quick Start School Program. Work included conducting LEED workshops and teacher training to orient staff and teachers to the potential of the LEED certified schools under development in New Orleans.

Pittsburgh Glassworks Project, Penn Avenue, Pittsburgh, PA LEED Gold

Green design consultant to Davis+Gannon between November, 2000, and September, 2001. \$1.8 million, 12,000 sq. ft. Submission pending. A LEED Gold rating was achieved. Project was also selected an AIA National Committee on the Environment Top Ten Building in 2005.

American Lung Association, West Palm Beach, Florida LEED Silver

Project designer and LEED consultant for a 6000 square foot, \$850,000 office renovation for the American Lung Association through April 2006. Project was redesigned by Astorino Architects due to a change in scope and co-venture with another tenant.

CCI Center, 64 South 14th Street, Pittsburgh, PA LEED EB Gold

Green team leader, co-designer and project manager. \$1.2 million, 12,000 sq. ft. This project was a national pilot for the LEED for Existing Buildings Rating System. A LEED for Existing Buildings (LEED EB) gold rating was achieved. This project also was selected an AIA National Committee on the Environment Top Ten Building in 2002.

Manheim Township High School, Manheim, PA

Green design consultant and LEED accredited professional. Fanning Howey, Architects. \$40 million, 320,000 sq.ft. Project re-issued after district changed scope and program.

Consolidated Engineers are responsible for the LEED Documentation. LEED Gold rating anticipated. Jeff Harris, PE is now responsible for the work.

The Carnegie Libraries of Pittsburgh, Pittsburgh, PA

LEED consultant to the Carnegie between 2002 and 2004. Projects include.

Squirrel Hill Library – LEED Silver

Woods Run Library – LEED Silver

Brookline Library - LEED Silver

Pittsburgh Children's Museum, Pittsburgh, PA LEED Silver

LEED accredited professional and LEED consultant along with Clearview Project Services who compiled the documentation. \$9 million, 70,000 sq.ft. Koenig / Eisenberg and Perkins Eastman, architects. Project achieved LEED Silver.

DEP South Central Office Building, Harrisburg, PA LEED Certified

Member, green design consulting team. Kulp Boecker Architects.

LEED Version 1.0 Certified Project. \$5.7 million, 73,000 sq.ft.

Greater Pittsburgh Food Bank, Duquesne, PA LEED Silver

Member, green design consulting team while with Conservation Consultants Inc. Gardner + Pope, Architects LEED Version 1.0 Silver Project, \$5.8 million, 95,000 sq. ft.

Oberlin College Environmental Education Center, Oberlin, Ohio

Joint venture with Joseph Ferut and Associates, Architects. Served as green design consultant and LEED accredited professional. 3500 sq. ft. \$500,000 companion to the existing Lewis Environmental Center. LEED Silver is anticipated.

Oberlin College Student Housing, Oberlin, Ohio

Joint Venture with Joseph Ferut and Associates, Architects

Student housing for 150 students in individual single family like dwellings on two separate sites. Approximately 75,000 square feet total, \$9,500,000. The housing was designed using LEED metrics for possible inclusion in the LEED Residential rating system release.

City of Cleveland via the Cleveland Green Building Coalition.

Consultant to the Cleveland GBC. Work included interpreting the Ohio School Design Manual in concert with the Ohio Schools Facility Commission for inclusion of LEED criteria to create high performance green schools. Part of the scope included presenting an Intermediate USGBC LEED workshop to the Ohio School Facility Commission in Columbus, Ohio, March, 2009.

Pine Jog Elementary School LEED Gold 2007 - 2009

Green design and LEED consultant to Zyscovich Inc., for this 140,000 sq. ft., \$20 million K5 School for the School District of Palm Beach County. This project won numerous AIA and Florida Schools design awards.

Pine Jog Environmental Education Center LEED Gold 2007 - 2009

Green design and LEED consultant to Zyscovich Inc., for this 15,000 sq. ft., \$2 million Environmental Education Center for Florida Atlantic University. This project won numerous AIA and Florida Schools design awards.

Two Mile Run County Park

Project architect and LEED consultant for a multifaceted \$30 million master planning and ecological make over of an existing county park in Franklin, PA. The scope included the construction of 30 small “treehouse” visitor dwellings, reconstruction of a 28,000 sq. ft. \$3.5 million environmental education conference center and a plant based “living machine” waste treatment plant. Project is through planning and currently in schematic design.

Bolingbrook Distribution Center

LEED Consultant to Atlanta based IDI for the LEED certification of a 500,000 sq. ft. distribution center in Bolingbrook, Illinois. Project used design team on retainer to IDI for their distribution facilities. LEED Silver was achieved.

Gove Elementary School

Served as LEED consultant to Tercilla Courtmanche and MPA Architects on this new SDPBC Elementary School. LEED Silver was achieved.

Stranahan High School

LEED consultant to Zyscovich Architect, Miami, FL for the LEED certification of this \$90 million high school located in Broward County. Stranahan is one of the first two LEED certified high Schools in Broward County. LEED Silver was achieved.

Pine Crest High School

LEED consultant to Zyscovich Architects, Miami, FL for the LEED certification of this \$64 million high school renovation and new construction project located in Broward County. LEED Silver.

Pine Crest High School Lower School

LEED consultant to Zyscovich Architects, Miami, FL for the LEED certification of this \$10 million middle school renovation and new construction project located in Broward County. LEED Silver.

Pahokee Middle School

LEED consultant to BRPH Architects, West Palm Beach, FL for the LEED certification of a new \$26 million middle school in Palm Beach County, FL. LEED Silver.

Plumosa Elementary School

LEED consultant to Tercilla and Courtmanche Architects, West Palm Beach, FL for the LEED Certification of a new \$38 million Elementary School and renovation to an adjacent existing Cafeteria in Seacrest, FL. LEED Silver.

Pirtle Office Building

LEED consultant and green team member to Pirtle Construction Company, Davie, FL. For their 60,000 sq. ft. headquarters building. The project was design build with assistance from Zyscovich and JLRD.

Modular Building Industry

Member of the MBI Advisory Board and LEED Consultant to Modular Building Industry to align the interests and initiatives of the Modular Building Industry, the US Green Building Council and the high-performance green building movement. Author of *The Modular Building Industry and LEED* position paper.

Marsh Industries

LEED Consultant to Marsh Industries, a leader in the field of school equipment and marker boards. Author of *Marsh Industries and LEED* position paper. Work included revising their business model to better position Marsh Industries in the high-performance green school movement.

Other Green Building / High Performance Green School / University involvement

- *Instructor, Florida State Building Code Interior Air Quality Advanced Continuing Education Unit.*
Certified by the State of Florida to teach Course #9877867, a four-contact hour advanced course covering the cause and effect relationship between interior air quality, energy conservation and code requirements of the Florida Building Code.
- *Instructor, Miami Dade College and Broward College LEED Workshops*
Currently instructing a series of LEED workshops at Miami Dare College and Broward College. The Workshops included LEED for New Construction and Major Renovations, LEED for Commercial Interiors, and LEED for General Contractors and Construction managers. The workshops were open to the public but priority was given to school administrators, facility managers and contractors.
- *Co-founder, Master of Science in Sustainable Systems (MS3) Slippery Rock University*
One of six individuals who between 1979 and 1990 developed the country's first interdisciplinary masters program based on the tenets of sustainable design and development. My role was the design and construction of the Robert A. Macoskey Center as part of the 80-acre development devoted to the enterprise. This is a residential lab and student housing center that along with an earth-based barn and storage building serve as classrooms and hands on experimental environments for graduate students and community stakeholders. I wrote the curriculum for the Built Environment track and taught in the program between 1990 and 1994. This program received the first Three Rivers Environmental Award for Higher Education in 1994. I am the first architect to earn this degree.
- *Member, Carnegie Mellon University School of Architecture Adjunct Faculty*
Served as CMU adjunct faculty between 1995 and 2003. Responsibilities included teaching sustainable design in a fourth year design studio and the development of a course titled *International Viewpoints on Sustainability*. This course was based on my experience working internationally and was offered to undergraduate and graduate students campus wide. Also served as resource and participant in CMU's greening of the campus initiative.
- *Author, Allergy Free/ Nontoxic Design*
This course is a 1.5 Advanced CEU module written in 1989 at the invitation of the American Society of Interior Designers for inclusion in their professional development course. Over the last fifteen years it has undergone several updates and improvements, and has been offered across the US and Canada including ASID's annual Super Campus Conference.

- *Director, Pittsburgh High Performance School Initiative*
This program was developed between 1998 and 2000 while serving as the Director of Green Building Services for Conservation Consultants, Inc., (CCI) a non-profit organization based in Pittsburgh. It was a component of the Green Neighborhood Initiative also developed at CCI which is ongoing. The High-Performance School Initiative was a community of stakeholders organized to focus their separate missions on the collective goal of attaining energy, material and resource efficient schools that were optimum learning environments. After piloting in Pittsburgh, the program was adopted by the Pennsylvania Department of Environmental Protection and the Governors Growing Greener Council in Harrisburg.
- *Member, Steering Committee, Wingspread Conference on Barriers to High performance Schools.*
Part of a core group involved with the programming and delivery of an ongoing series of conferences and workshops sponsored by the E2F2 Foundation, Cleveland, Ohio. Geri Unger, Executive Director. The purpose of the group was to identify barriers to marketing, designing, and building high performance green schools in the US. The product of the first Wingspread Conference on Barriers to High Performance Schools was documented by the Environmental Law Institute.
- *Charter Member, Council on Educational Facility Planners International (CEFPI) Sustainable Design Committee*
Original member of the CEFPI Sustainable Design committee and a frequent speaker at CEFPI Conferences on the subject of high-performance green schools