PAMELA HARWOOD, NCARB, AIA
Professor of Architecture, Department of Architecture

EDUCATION

Master of Architecture, *University of Minnesota*, (Graduate Honors Thesis Award), 1985-1988, 1991.
Thesis: *A Phenomenological Inquiry into the Origins of Building: Sanctuary at Maiden Rock*
University of Minnesota, Teaching and Research Assistant, Department of Architecture, 1985-1988.

Diploma Urban Studies, International Graduate School, *University of Stockholm,* Stockholm, Sweden, 1984-1985.
Rotary International Graduate Scholar

Foreign Studies Program: History, Theory, Design Emphasis *Architectural Association*, London, England, 1980-1981.
University of Wisconsin Alumni Association Scholarship

Bachelor of Science in Architecture, *University of Wisconsin-Milwaukee*, 1977-1981.
Graduated Magna Cum Laude with Honors in the Major Architecture

TEACHING EXPERIENCE

***Ball State University*, Professor,** Department of Architecture, Tenured, 2001-present, Courses Taught.

- ***Cultural and Social Issues (CSI ARCH 252, 429, 503)***
  Primary responsibility in the development of a new stream of courses exploring social and cultural issues and the built environment. The three-course stream introduces students to various ways of understanding material and social processes of constructing the built environment and applying these methods as evidences in their design studio. It examines how social, political, cultural, ecological, technological, and psychological issues influence architecture, design and spatial behavior and explores ways of seeing the complex relationships between people and the built environment with particular emphasis placed on interdisciplinary knowledge, cross cultural studies, and the physical environment. Currently responsible for teaching ARCH 429, the second course in the stream.
- ***Design Studio - Third and Fourth Year Undergraduate, Cripe and Estopinal Competition Studios***
  Students undertake the design of a building of intermediate complexity, requiring the inclusion of building and structural systems that acknowledge lateral force systems, buildings with a variety of scales of spaces and with a complex set of functional requirements, buildings and sites which have critical context criteria, buildings that must respond to a unique client group, and building design which requires clear evidence of passive environmental systems, including passive solar heating, day lighting, or natural ventilation. The focus is on the development of a comprehensive design solution, which illustrates an understanding and ability to integrate previous and concurrent design technologies using the *Competition* as a touchstone project for all studio sections.
- ***Graduate Design Studio - First Year MArch Graduate Studio, Vertical and Career Change***
  In 2006, we inaugurated our new MArch program and I was honored to teach the incoming graduate students that represented a 'career change,' as our diverse group of students had undergraduate degrees and work experience in law, history, social work, interior design, construction management, and engineering. Additional vertical option studio offering for Spring 2008 pursued stewardship of the environment and society as a theme and worked with non-profit organizations in developing an Eco-home prototype.
- ***Design Build Studio –Undergraduate and Graduate, Nature Playscape at Head Start, Immersive Learning***
  Nature Playscape for Head Start: This design build project involves the creation of a certified outdoor classroom, building with local, recycled, re-harvested and natural materials using traditional and digital methods of construction for children aged 3-5 at Head Start in Muncie. Current research considers the outdoor environment in supporting whole-child learning. The richest kind of learning happens in intentionally designed outdoor classrooms in nature-filled spaces with educators who support learning with nature. Regular physical activity in natural environments can lead to fewer health concerns, increased energy, and gains in children's cognitive development. Research also shows that children who play in and explore natural environments adapt conservation and sustainability values as adults.
- ***Design Build Studio –Undergraduate and Graduate, Tot Spot at Muncie Children's Museum, Immersive Learning***
  Muncie Children's Museum The Tot Spot: The design experience for this intense, studio workshop course involved the development and construction of the *Muncie Children's Museum Tot Spot.* This project emphasized conceptualization and technical documentation and digital and hand fabrication, providing undergraduate and graduate students with the ability to make clear detailed drawings, prepare cost estimates, and construct prototype models illustrating and identifying the assembly of materials, systems, and components appropriate for the design of Infant/Toddler activities.
  Design Build Studio –Undergraduate and Graduate, MUDS studio
  Muncie Urban Design Studio Live Work Learn Project: This design-build project provided an opportunity for students to be 'total architects,' to learn to work with others in teams, communicate with clients, reach compromises, and shepherd a project through the complete building process, from conception and design to construction. Varied projects from interior renovation to an outdoor deck were completed for the Muncie Urban Design Studio in downtown Muncie.

***Australia Centre*, Director,** Lennox Head, Australia, 2010.

With 32 students in this spring 2010 program, we sought to understand, learn from, and further define spaces within the larger landscape characterized by the Australian people and the tidewater pools, and coastal plains of the Australian land. Simple building forms, capturing rainwater, collecting the sun's energy, harnessing the cooling breezes, and shaped of recycled materials were visited and studied. We carefully investigated the land's forces that help to shape the built environment in an environmentally responsive way to identify programs, strategies, and processes, which support the study of environmental education in sustainability. A particular emphasis of our design studies was on learning environments for children and youth and a cross-cultural comparison between Australia and the United States in terms of sustainability and education.

Costa Rica *Monteverde Institute* (MVI) Faculty, Sustainable Futures Program, Summer 2008-2011.

CAP Coordinator for 10-week summer program. BSU is one of 7 schools in a consortium of schools participating in a summer interdisciplinary design studio program exploring sustainability in the area of Monteverde, Costa Rica. I participated in the program as a faculty member in the summer of 2008 and 2009 and oversight from BSU in 2010 and 2011. I was responsible for help in recruiting students, developing projects, overseeing work produced, assessment, and submitting final grades.

***Ball State University*, Director of Master of Architecture Graduate Program,** 2006-2008.

As the first appointed director of the new Master of Architecture Graduate Program by Chair Jon Coddington, my primary responsibilities included developing curriculum, concentration areas, and internship responsibilities, developing and implementing the new 3+ MArch program for non-architecture degree majors, and recruiting the first classes into our graduate program. Our first graduating MArch class was May 2008!

***CAP Scandia,* Director, Summer Field Study** (Denmark, Sweden, Finland, Norway), 2005.

CAP Scandia is a study abroad program I developed for a five week summer session in the Nordic countries with a concentration on Finland. The academic intent is to examine the natural lighting and land planning of modernist works by Alvar Aalto, specifically looking at the differences and similarities with sacred and secular architecture, and to explore contemporary architecture and landscape architecture in the Scandinavian countries.

***Ball State University*, Assistant Chair,** Department of Architecture, 1998-2001.

My primary responsibility was to work with the Chair Brian Sinclair and departmental administration in providing vision and leadership in developing the quality of the architecture program and preparing for an accreditation visit.

***Ball State University*, Assistant Professor,** Department of Architecture, Tenure track, 1994-2000. Courses Taught

- ***Structural Systems (ARCH 218)***
  Specifically addresses issues of direct stress, shear stress, bearing stress and strain in axially loaded two force members. The distribution of moment and shear forces, resultant bending and shear stresses and deflection, and behavior of structural components is studied. Emphasis on providing a basic understanding of structural concepts through laboratory projects exploring the design of beams, columns and trusses.
- ***Integration of Architectural Technologies (ARCH 418)***
  A fourth year lecture/lab course, team-taught, focuses on the in-depth development of a building project, from conceptual design through the execution of construction documents. Project management and integration of structural, material, and environmental systems and methodologies in design is stressed.
- ***Philosophy of Architecture (ARCH 429)***
  Fourth/Fifth year seminar course studying the background and development of prevailing philosophies of architecture, ideas in design, and how they evolved in contemporary architecture since the beginning of the twentieth century, concluding with their influence on the current practice of architecture.
- ***Design Studio - Second Year Undergraduate, Indiana Concrete Masonry Association (ICMA) Competition Studio***
  The principles of basic design and the fundamental elements of architecture are explored in a series of integrated design exercises. Grounding in the technical and critical skills of architecture, and design drawing and modeling skills are challenged as the scale, complexity, and scope of the projects increase. Served as Second Year Design Studio Coordinator and Fourth Year Comprehensive Design Studio faculty team member where we explored evidence-based design in learning and healing environments.
- ***Design Build Studio – Third and Fourth Year Undergraduate,***
  The Child Study Center Outdoor Play Environment - This design-build project provided an opportunity for students, faculty, teachers, parents, and children to join together to envision and build a series of children's gardens, dramatic play structures, constructive-play areas, and an art area for outdoor play and learning.
  UniverCity Traveling Theater: Ethereal Echo - This design-build project provided a setting for students to work cooperatively with each other and to connect with the community in the design and construction of a traveling stage to be used for varied performances and set in public places during the week event.
- ***Environmental Design Studio - First Year Interdisciplinary Studio (CAP 101,102 Arch, LA, Planning)***
  This is a team-taught course introducing the basic tools, techniques, and processes in beginning environmental design. Exercises focus on compositional issues and historic and cultural knowledge to serve as a basis for development.

- ***Introduction to Architecture (ARCH 100)- First Year Interdisciplinary Lecture Course***
  This course serves as an introduction to architecture as a synthetic, multidimensional, comprehensive discipline through an exploration of products of the built environment.

Nepalese Faculty Exchange, ***Nepal Engineering College*****,** Katmandu, Nepal, 1999.
Academic exchange and research opportunity working with architecture students from Nepal Engineering College in the second and third year design studios, additionally teaching a hands-on short course on basic structural principles.

Polyark XIII, **Co-director,** International Studies Program Semester Abroad (Egypt, Turkey, Europe, England), 1997.
With Daniel Doz, travel opportunity for students from architecture, landscape architecture, and urban planning to gain on-site study in diverse cultural environments. Traveled to nine countries, including Egypt, Turkey, Greece, Italy, Austria, Germany, France, Spain, and England. Courses taught included design studio, historic preservation, research methods, philosophy of the built environment, history of architecture, and photography.

Clemson University**, Visiting Assistant Professor,** Department of Architecture, 1990-1994
Responsible for directing and coordinating fourth year curriculum in architectural design and theory. Course outlines theoretical foundations of architectural thought through a critical inquiry into the relationship between premise, process, and product of an architect's work, focusing on the 20th century. Through extensive writings, critical discussions, and the thoughtful application of the theory of design in studio, the students develop a theoretical framework from within which to work, criticize, and evaluate their interpretations and examine architecture's place within the contemporary arena.

RESEARCH, PUBLICATIONS, CREATIVE ENDEAVORS

Nature Play: Responsible Design for Environmental Learning **($190,500 received in 5 grants)**
$150,000 received from Ball Brothers Foundation. Also received funding from Sallie Mae, Lilly Foundation, and Community Development Foundation of Delaware County. *Research and Design and Build of Nature PlayScape for Head Start Preschool.* With Muncie Head Start Administration Laurie Habich and Tyanne Vazquez, and Kay Gordon, State Director. Phase I funding received for construction of *Habitat Hub* and 15,000 square feet of nature-based play activities. Phase II funding received to establish the first two natural areas of *Wetland Wonder* and *Magic Meadows*.

Provosts Immersive Learning Grant: Nature Play: Into the Woods with Design Thinking**, 2013-2014 ($17,000)**
The purpose of this Immersive Learning (IL) project was to create a nature-based playscape for 300 children and staff at the Head Start early childhood education program in Muncie, and to develop workshops for the training of educators and designers in the use and construction of nature-based play environments. Interdisciplinary teams of students documented the process of creating innovative simulations and workshops that help teachers, parents, children, and the community set a new benchmark of design for educating a creative, healthy, eco-literate generation. This grant resulted in a self-published guidebook entitled *Nature Play: Into the Woods with Design Thinking* that connects the nature play settings created at Head Start to Indiana State standards in preschool education.

CAP IL Mini Grants: Nature Play: Simulations and Community Build Days **($2,000)**
Four Community Build/Plant/Make Days for Head Start's Nature Play outdoor learning environment were developed. During the first CBD, 150 preschool students and their parents participated in a number of craft/making activities designed to further develop the Nature Playscape site. The community and students worked on making concrete pavers for the *Sensory Hill* or bamboo wind chimes for the *Habitat Hub Bird Blind*. In the second CBD volunteers planted the *Butterfly Garden* and *Tree Trail* and in the third the community and BSU students worked on the plantings surrounding *Melody Meadows* and *Crazy Climbers*. The final CBD was a "soft opening" of the Nature Playscape and there was a ribbon cutting ceremony with Mayor Dennis Tyler.

K-12 Education ReDESIGNed: A New Architecture for a New Education, Special Leave, 2014.
The purpose for my special leave in Spring Semester, 2014 was to create a book proposal submitted for review to Wiley Publishers and Routledge entitled, *K-12 Education ReDESIGNed: A New Architecture for a New Education.* This work merges the two disciplines of education and architecture by sharing contemporary educational and architectural theories and exemplary school facility design based on best educational practices and paradigms of learning appropriate to the 21st century. My manuscript springs from the research that I have accomplished as part of a five year Building Better Communities (BBC) project exploring ways the physical design of schools can and does transform teaching and learning in K-12 environments. An interactive website has been completed: www.bsu.edu/bbc/schooldesign.

Interactive Learning Space (ILS) Initiative **Grant Recipient, 2012-2014 ($2,500)**
A major objective of this grant is to re-design and re-develop course material to have students see how the physical setting of these new spaces can more effectively reflect the teaching and learning relevant today with new technology and collaborative approaches. In once of my courses teaching in the "node chair room", I aim to present multiple points of views and cultural positions that allow different people to interpret the built environment differently. In my other course, BBC Nature Play, I am working with an interdisciplinary team to collectively explore learning in a pre-school, nature-based environment. This interactive "media-scape" learning space is effective in helping us to achieve a non-hierarchical, consensus-built, critical and informed vision of the nature based play and learning environment. The organization of this course explicitly addresses this condition of non-hierarchical, team-based learning by carefully structuring visual, programmatic and technological initiatives in an innovative manner.

***Building Better Community* (BBC) Faculty Scholar,** "Nature Play: Responsible Design for Environmental Learning," 2012.
Research shows that children who play in and explore natural environments adapt conservation and sustainability values as adults. Children regularly playing in a natural outdoor environment are also more able to learn about their body's movements, overcome their fears and release stress, increase self-esteem and self-belief, and use their imagination. This Building Better Communities project explores an environmentally responsible design ethic with an interdisciplinary student team researching best practice case studies and developing design principles for environmental education. Collected data will be used to further develop, design and build a nature-based outdoor learning area for the Muncie Head Start preschool program.

***Building Better Community* (BBC) Faculty Scholar,** "Charter Schools Patterns of Innovation: A New Architecture for a New Education," 2007-2012.
This project resulted in a guidebook with case study exemplars, charter school project profiles, and design patterns with annotated plan and section diagrams, perspective images, and physical and digital models of design projects illustrating the effectiveness of the pattern language guidebook developed. The pattern book resource guidebook contains examples of ways that Charter Schools in Indiana with existing facility planning needs are assisted. Exemplary case study selected schools are used as actual design projects with learning lessons applied to other generalizable issues. The pattern language manual is also available as an interactive website highlighting the performance and effectiveness of selected schools across the nation, focusing on the design of new and the repurposing and renovation of existing facilities.

Toward a Phenomenological Inquiry of Place and Identity in the Hoosier Heartland, Special Leave, 2003.
The results of this leave was to produce the project: *plates / prose / portfolio* as a way to re-present the exhibit *Finding Indiana: Our Search for Place* and the research from the seminar *Crossroads of America: At Home in the Heartland* as a 'miniature exhibit.' *Finding Indiana* traveled for two years throughout Indiana. At its conclusion, I began by documenting the 54 original exhibit panels and creating a series of full color *plates*, richly illustrating the people, places and events that shape and illuminate the cultural landscapes of Indiana. The reverse side of each plate carries a narrative *prose* of this visual investigation. A *portfolio* box was specifically designed to contain the set of photographic prints and writings, and a collection of cultural artifacts celebrating the unique identity of "working" the land, "settling" the land and "moving" on the land, as originally displayed in the three pavilions of the exhibit.

Virginia B. Ball Scholar, *Center for Creative Inquiry*, "Crossroads of America: Home in the Heartland," 2001.
This project aimed at discovering a critical regionalism by engaging fifteen students as **i**nvestigators in a 'reading' of the cultural and physical landscapes of Indiana. As we located ourselves within various communities to explore and envision the unique patterns of life, we began to image and understand the cultural landscapes that flourish within our state and transformed this analytical and interpretive work into an exhibition entitled: *Finding Indiana: Our Search for Place.*

***Diversity Associates Scholar,* Center for Multi-Cultural Studies,** 2000-2001.
As a diversity associate program scholar, I worked on a curriculum development project for designing a course on Ethnic and Gender Diversity where social and spatial patterns that characterize differing 'cultures' and the implication of this diversity in the design of the built environment can be critically explored. The following year I was able to mount an elective course offering on this subject. The course developed also helped to shape the new curricular area of social and cultural issues in architecture that was later initiated as a required stream in our curriculum.

SELECTED BOOK and JOURNAL PUBLICATIONS

Charter School Patterns of Innovation*: *A New Architecture for a New Education
Edited by Pamela Harwood, produced by BBC Immersive Learning students, Ball State University, published by Lulu Press, 2014. A companion guidebook on educational facility design and planning with 55 design patterns/principles illustrated and cross-referenced to Case Studies Volume 1. Student design projects on school design are also illustrated. Volume II has design patterns updated with 5 new patterns on hybrid and active learning spaces added. Book proposal entitled *K-12 Education ReDESIGNed: A New Architecture for a New Education,* sample introduction, and chapter on design patterns submitting (Wiley Publications and Routledge). Video and website is available: http://vimeo.com/41358976 and www.bsu.edu/bbc/schooldesign

***Nature Play: Into the Woods with Design Thinking* Design and Teaching Guidebook**
By Pam Harwood, a BLURB publication, 2014. This guidebook presents the continued design, development and construction of a nature-based outdoor classroom learning and play environment for Head Start in Muncie and ties the constructed activity settings to learning standards in Indiana for preschoolers. A video is available about the semester's work: http://vimeo.com/84224383

Walk Indiana: ARCH 429 Installations for Annual Walk Indiana Event
By Pam Harwood and GA Spencer Blaney, a BLURB publication, 2014. This publication documents the site-based, nature-inspired installations designed and built by students in a Culture and Social Issues class to inspire the walkers for an annual event along the Cardinal and White River Greenways in Muncie, WALK Indiana. Funding for this publication was made available through a CAP IL Mini-grant.

***A Southern Sojourn,* ARCH 301: Field Trip Booklet**
Traveled to Rural Studio, AL, Atlanta and Savannah, GA, Charleston and Clemson, SC, and Great Smokey Mountains, by Pam Harwood, 2014, a BLURB publication.

***"Build.Learn.Play," Ball State Research* Journal, Fall 2014, pages 8-12.**
This new magazine highlights "insightful stories on a number of interesting topics," while giving "a full picture of internally and externally sponsored programs at Ball State University."

***"Nature Play: Into the Woods with Design Thinking," CAP Life Newsletter,* Fall 2014, Volume 4, Issue 1**
By Pam Harwood. "Let's design and build a better world," says Associate Dean Michel Mounayar as he outlines CAP's tradition of design-build studios in this college newsletter.

***"BBC Fellows project creates "playscape" for local Head Start," Building Better Communities*, December 2014.**
By Pam Harwood, Ball State architecture students and community volunteer's work on the outdoor learning center Head Start.

DVD *The Tot Spot: From Conception to Construction*
Produced with BSU Teleplex. Narrates the 2.5-year experience of designing and building the Tot Spot with students. Presented at EDRA National Conference Summer 2013.

DVD *Middletown Movies* produced with Teleplex on "Muncie as Middletown"
Social-cultural, interpretive-historical, short video documentaries on industrial Muncie and adaptive reuse community buildings developed by students as a part of ARCH 429 Spring and Fall 2013. Now have a series of 7 videos housed in the Archives and Special Collections and Middletown Studies Center at BSU.

PROFESSIONAL EXPERIENCE

***Harwood + Tabberson Architects*,** Muncie, IN and Pendleton, SC, 1991-present.
The act/art of making: simultaneously a focus for architectural theory and practice

***LS3P Architects*,** Charleston, SC, 1994.
Architects, Landscape Architects: 75 person firm; specialized in school design

***Cooper Carry and Associates*,** Inc., Architects, Atlanta, GA, 1988-1991.
Architects, Planners, Landscape Architects: 25 person firm; specialized in learning environments

***Lindberg Pierce*,** Inc., Architects, Minneapolis, MN, 1987-1988.
Architect, Interiors: 7-person firm; municipal, academic, and residential work

***Hammel Green and Abrahamson*,** Inc., Architects, Minneapolis, MN, 1985-1987.
Architects, Engineers: 110 person firm; institutional, ecclesiastic, office, housing

***Nordiska Kristallmagasinet*,** Stockholm, Sweden, 1984-1985.
Contemporary Studio Glass and Art Objects

***Strickler Associates*,** P.C., Consulting MEP Engineers, Fairfax, VA, 1982-1984.
Engineers, Electrical and Mechanical: 7-person firm; consultants to architects

PROFESSIONAL MEMBERSHIPS

Registered Architect, National Council of Architectural Boards (NCARB) Registered Architect North Carolina and Indiana.
Association of Collegiate Schools of Architecture (ACSA) councilor, 1995-2005.
American Institute of Architects (AIA), 1993-present.
Women in Architecture (WIA), 1988-90, 1994-present.
Environmental Design Research Association (EDRA), 2005-present.
Construction Specification Institute (CSI), Associate, 1995-present.
National Association of Humanities Education (NAHE), 2001-present.

ACADEMIC HONORS

Nature Play: Into the Woods with Design Thinking $190,500 in 5 Grants, 2013-2015.

Muncie Children's Museum Tot Spot $64,500 in 4 Grants Awarded for the Design, Development, Fabrication, and Construction of Six Activity Areas for Infants and Toddlers in the Muncie Children's Museum, 2010-2011.

Building Better Communities Fellow $60,000 Grant for the research and publication of *Developing a Pattern Language Manual for the Design and Planning of Charter Schools*, 2009-2012.

Indiana Department of Education (DOE) Guidelines $48,215 Grant for the *Development of K-12 School Design Guidelines for the State of Indiana*, with Roy Weaver, Robert Koester, Walter Grondzik, Andrea Swartz, and Gwen White.

***Immersive Learning Grant*,** Muncie Urban Design Studio (MUDS) Live Work Learn Project

***Creative Arts Program* Grant Recipient,** Finding Indiana: Search for Place and Identity in the Hoosier Heartland, 2004.

***Outstanding Creative Endeavor Award*,** Faculty Award Recipient, Ball State University, Fall 2004.

***ACSA Collaborative Practice Teaching Award*,** Award Recipient of National Association of Collegiate Schools of Architecture *Award* for the project *"Finding Indiana: Our Search for Place,"* March 17, 2004.

Child Study Center Outdoor Play Environment, $85,000 in Grants Awarded for the Design, Development, and Construction of the Outdoor Learning Environment for preschool students aged 3-5, 2000-2004.

Special Leave, *"Toward a Phenomenological Inquiry of Place and Identity in the Hoosier Heartland*," BSU, 2003.

Chair of the ACSA Regional Conference, *"Weaving: Constructing and Construing the built environment as tapestry,"* Fall 2003. Edited and published the three volume proceedings.

***Virginia B. Ball Scholar*,** Center for Creative Inquiry, Ball State University, Fall 2001, "Crossroads of America: At Home in the Heartland."

Phi Gamma Delta Outstanding Teacher Award, December 5, 2001

***Diversity Associates Scholar*,** Ball State University, 2000-2001

***Outstanding Junior Faculty Award*,** Faculty Award Recipient, Ball State University, Fall 1998

Curriculum Development Award, *"Spatial Paradigms that Support Individuals and Families Different Stages in the Human Life-Cycle,"* Center for Gerontology, 1997.

Recognition for International Teaching Experience, *Polyark XIII Spring Semester Field Study,"* Ball State University, Center for International Programs, 1997.

Presidents Appreciation Award, Construction Specification Institute, 1996.

College of Architecture and Planning CORE Grant, *"Generative Modeling Techniques,"* 1995.

National AIA Architectural Photography Competition, Second Place, Spring 1995.

Recognition for Teaching Excellence, by graduating seniors in the Calhoun College Honors Program, Clemson University, 1994.

***Teaching Excellence Award*,** Calhoun College Honors Program, Clemson University, 1994

McClure Endowment Teaching Innovation Award with John Mumford, 1993

***Graduate Honors Thesis Award*,** with William Tabberson, University of Minnesota, 1989

***American Institute of Architects Scholastic Award*,** 1986

University of Minnesota Graduate Fellowship, 1985-1987

***Rotary International Graduate Scholar*,** International Graduate School, University of Stockholm, Sweden, 1984-85

***Alumni Association Award*,** University of Wisconsin-Milwaukee, 1981.

Waupaca Foundry Scholarship, given to an outstanding graduating senior, 1977.

PROFESSIONAL HONORS

Indiana Concrete Association (ICA) Best Home Award, Jacobs Residence, Bloomington, IN, 2011.

Harwood + Tabberson Architects, Professional Work Exhibited at the *Indianapolis Home and Garden Show*, February 2014. Asked to design and build the *Dream Showcase Post and Beam Garden Pavilion* and a *Tree House Retreat*

Lucas Estate (Hilbert Estate originally), Indianapolis, IN, Selected architecture firm for extensive landscape and architectural renovation of 38-acre grounds, 20,000 square foot residence, and a new timber frame events pavilion.

Indianapolis Monthly Home, Spring 2007, pgs. 62-69 and 70-77. Two built works by Harwood + Tabberson Architects published in this quarterly journal in February 2007. "The Chiu Residence," a contemporary, Asian-influenced home in Kokomo, IN and "The Colby Residence" renovation of the historic 1906 Huesmann Estate in Indianapolis.

Addition to Jermaine O'Neal's home presented on *CRIBS* television show, highlighting innovative transformations to the residence. Also featured on ESPN in 2005.

Colby Residence, historic renovation, Indiana Landmarks Award, 2005 and honored on *Historic Homes Tour*, Indianapolis, Summer 2006.

Faculty Design Project*: Three Projects: from Ordinary to Extraordinary in under 500 square feet*, Selected for exhibition and presentation at AIA Annual Meeting, March 2005.

Residential Design Work: The Coleman Residence, Selected for publication in book *Classic America: The Ranch House*, ed. M. Caren Connolly and Louis Wasserman, 2003.

Faculty Design Projects: "Knitting Textures: Monday's Addition," and "Weaving a Spatial Fabric: The Hassenin Residence," Selected for exhibition and presentation at ACSA Regional Conference, October 2003.

Residential Design Work: Santoro Residence, Submitted for *AIA Indiana Awards*, 2000.

Faculty Design Project: "Constructions in the Margins," Presented at ACSA National Annual Meeting, March 1995.

Best New Home Award, Parade of Homes, Muncie, IN, 1998.

Residential Design Work: Harwood-Tabberson Residence, Submitted for *AIA Indiana Awards*, 1996 and short-listed for Annual Issue on Homes, *Fine Homebuilding*, 1996.

Design Work Selected for AIA Young Architects Forum, "Designing Through Building: This Profession Can Be Saved," Atlanta, Georgia, May 1995.

Honorable Mention Design Award, with R. Paredes, R. Neal, P. Bullock, W. Tabberson, "*Mobile County City Municipal Building*," National Design Competition, 1990.

Third Place Design Award, " *Innovations in Vernacular Housing*," 1988.

SELECTED EXHIBITIONS AND CONFERENCE PUBLICATIONS

Building Better Communities Showcase DVD and Brochure, *Nature Play: A Handcrafted Design Build Exploration of Nature-Based Play*, Fall 2014. Poster, project drawings, models, research report/book, and videos presented in Student Center December 2014. http://vimeo.com/65306791 and http://vimeo.com/84224383

"Nature Based Play: Into the Woods with Design Thinking," Environmental Design Research Association (EDRA) National Conference*, EDRA46LosAngeles*, May 27-30, 2015, Los Angeles, CA.

"Education ReDESIGNED: Linking Pedagogy and Space to Promote Student Engagement," 33rd Annual International Lilly Conference on College and University Teaching and Learning, Newport Beach, CA, February 20-23, 2014.

"Timber Framing in the Digital Age," Building Chicago: *Greening the Heartland* Conference in Chicago, IL, September 29-October 1, 2014.

"Design Plus Children: An Approach to User-Centered Design and Constructionism in the Design/Build of the Muncie Children's Museum Tot Spot," Environmental Design Research Association National Conference, *EDRA44: Healthy and Healing Places*, Providence, RI, May 29-June 1, 2013.

"Nature Based Play: An Exploration of the Landscape We Live in and Learn in for Preschool Children at Head Start, Muncie IN," Environmental Design Research Association National Conference, *EDRA44: Healthy and Healing Places,* Providence, RI, May 29-June 1, 2013.

Charter School Patterns of Innovation: *A New Architecture for a New Education*, Pam Harwood, editor, Ball State University, 2012. A guidebook on educational facility design and planning, linking curricular content and spatial design.

CAP down under, Ball State University Center for International Programs, Australia Centre: Spring Semester 2010, Ball State University, May 2011. Design projects, sustainability service projects, and coursework from semester abroad study.

Architreks ARCH 429: Undergraduate Field Trip Building Post Occupancy Evaluation, Pam Harwood and Antone Agro, editors, Ball State University, 2011.

"Design Patterns for the Adaptive Reuse of Underutilized Buildings as Charter Schools," Environmental Design Research Association National Conference EDRA42: *Make No Little Plans*, Chicago, IL, May 25-28, 2011.

"Design Build of the Tot Spot: From Conceptualization Through Construction," Environmental Design Research Association National Conference EDRA42: *Make No Little Plans,* Chicago, IL, May 25-28, 2011.

"Design Patterns Used in Developing New and Renovating Charter School Facilities," National Association of Charter School Authorizers (NACSA) Leadership Conference, Indianapolis, IN, October 24-27, 2011.

"More than Child's Play," in *Ball Bearings*, Article on Tot Spot, November 22, 2011. *Growing up by Thinking Little*, by Kaitlan Mitchell in Ball Bearings online http://ballbearingsonline.com/story.php?id=1326

"Big Hands Building for Little Hands," a website developed by TCOMM students on the Tot Spot project http://mcmarchitectproject.weebly.com/explore.html produced Spring 2011.

Making a Difference: Tot Spot Metamorphosis, a special interest spotlight by Ball State University on the Muncie Children's Museum's makeover and the work by immersive learning students in the College of Architecture and Planning.

"Museum Gets A Facelift," Seth Slabaugh, *The Star Press,* Sunday, March 27, 2011, page 1A-2A. Article was picked up by Associated Press and appeared in numerous papers across the nation including *The Chicago Tribune.*

"Muncie Children's Museum Opens New Place to Play: Architecture students from BSU renovated the age-5-and-younger area at the museum," John Carlson, *The Star Press,* Friday, November 11, 2011, page 1C, 5C.

DVD *Middletown Movies* produced with Teleplex on social-cultural, interpretive, historical, short video documentaries on "Muncie as Middletown" developed by students as a part of ARCH 429, December 2011.

"Spatial and Educational Patterns of Innovation for Charter Schools," Open House International: Shaping the Future of Learning Environments, edited by Dr. Ashraf M. Salama, vol. 34, no. 1, pgs. 55-67.

"Charter School Patterns of Innovation: A New Architecture for a New Education," paper presented for session on pedagogy for design research in the studio, *The Value of Design,* ACSA National Conference, Portland, Oregon, March 2009.

"Archival and Interpretive Research Strategies for Understanding the Industrial Landscape of a Small City," Small Cities Conference, Minnetrista Cultural Center, April 2009.

"Innovations in the Facility Design and Planning of Urban Charter Schools in the United States," European Teachers Education Network (ETEN) Annual Conference *Bridging Cultures Through Education*, Izmir, Turkey, April 2009.

"Developing Charter Schools: *Precedents, Patterns, Performance,"* Environmental Design Research Association (EDRA) Paper presented, Washington DC, June 2010.

High Performance Schools Workshop, Indianapolis Center as part of the Center for School Innovation (CSI).

"Examining line as a heuristic device in the design ethos of Alvar Aalto," *ECO-Architecture: Harmonization between Architecture and Nature,* G. Broadbent and C. A. Brebbia, editors, WIT Press, United Kingdom, 2006, pgs. 103-113.

Alvar Aalto: The Light, the Land, the Life, CAP Gallery, November 3-25, 2005.

"The Common, Ordinary, and Everyday: Cultural Landscapes of the Hoosier Heartland," *Architecture and Regionalism*, Fourth Savannah Symposium, College of Art and Design, Savannah, Georgia, 2005.

"Bathroom Trends: Spare the Clutter," and "As Clear as Mudrooms," *house trends*, Spring 2005.

Indiana Curiosities: *Cultural Landscapes of East Central Indiana,* DVD of 5 stories, produced by Pam Harwood and students in ARCH 498: fabrications: making things and telling stories, 2005.

"'50s ranch experiences a rebirth," and "Way with Wood," *The Star Press*, Homes section, Sunday, September 14, 2003, and Sunday, July 3, 2005.

"Haverway Farm Renovation: a labor of love," *Indianapolis Business Journal, Home Quarterly*, October 25, 2004, pgs. 8-11

Lost River Interpretive Center Design Proposals, Exhibited at Orleans Town Hall, September 2004.

W e a v i n g: constructing and construing the material world as tapestry, 3 volumes, Pam Harwood, editor, Ball State University, Muncie, Indiana, 2004.

Cultural Landscapes of the Indiana Gas Boom, DVD 1 of 3, produced by Pam Harwood and Nils Jaeger, Teleplex, Ball State University, Muncie, Indiana, 2004

"Knitting Textures: Monday's Addition*,"* and "Weaving a Spatial Fabric: The Hassenin Residence," *weaving: constructing and construing the built environment as tapestry,* Central Regional ACSA Conference Proceedings, Ball State University, Muncie, Indiana, 2004.

Academic Endeavors: Linking Student and Faculty Productivity, Teaching and Learning Conference, Ball State University, March 18, 2005, Opening Dialogue Panel Participant.

"Cultural Landscapes: The Gas Boom in Indiana," Friends of Bracken Library, Ball State University, October 2004.

"Toward a Phenomenological Inquiry of Place and Identity in the Hoosier Heartland," *Recalibrating Centers and Margins*, ACSA National Conference, University of Kentucky, Louisville, Kentucky, 2003.

"Discovering Indiana: Our Search for Place," *Humanities Landscapes / Human Rhythms*, National Association for Humanities Education, The Ferris State University, San Antonio, Texas, 2003.

Coleman Residence, Muncie, Indiana and Nelson Residence, Indianapolis, Indiana, *Classic America: The Ranch House*, edited by M. Caren Connolly and Louis Wasserman, The Taunton Press, 2003.

Finding Indiana: our search for place, Virginia B. Ball National Showcase, The Indiana State Museum, November 17, 2004 and Minnetrista, December 15-February 1, 2002.

"Kids' Stuff*," Indianapolis at Home,* Fall 2002.

"Collaboration: Promises and Pitfalls," *Morbidity and Mortality: Why Projects Unexpectedly Die,* Southwest Regional ACSA Conference Proceedings, Louisiana Tech University, Dallas, Texas, 1999.

"Outdoor Learning and Play Environments: Design and Safety Considerations," *Focus on the Future*, Early Childhood Education Conference, Ball State University, Muncie, Indiana, 1999.

"House in My Head," *Memory and Architecture*, West Central Regional ACSA Conference Proceedings, Miami University, St. Louis, Missouri, 1998.

"Beyond Inspiration: The Role of Three Women Clients in 20th Century Dwelling," *Forgotten Allies*, East Central Regional ACSA Conference Proceedings, University of Kentucky, Lexington, Kentucky, 1998.

"Making Space for Children," *Reflections*, Early Childhood Education Conference, Ball State University, Muncie, 1998.

"Toward a Collaborative Dialogue of Interaction," Counterbalance, West Central Regional ACSA Conference Proceedings, The University of Manitoba, Winnipeg, Canada, 1997.

"Bearing Walls and Bearing Children," *Architecture, the City, and Community*, East Central Regional ACSA Conference, The University of Notre Dame, South Bend, Indiana, 1997.

"Complicating Categories: Women, Gender and Difference," Paper presented at the Berlin Connection Conference on Diversity and Education, Ball State University, February 1996.