ALUMNI SYMPOSIUM
October 25, 2013

College of Architecture and Planning
Architecture | Landscape Architecture | Urban Planning
Historic Preservation | Urban Design
A Welcome from the Dean

Significant Encounters

Next year at this time, our college will be celebrating its 50th anniversary. We will be remembering 50 years of significant encounters that have enriched our lives and the lives of many around us. We can all remember such encounters. Some were casual, others formal. Some were short, others were long. Some were happy, and some can still bring tears to our eyes. Our personal history is populated by encounters that somehow become memorable and make us part of the CAP family.

Maybe yours started with a visit to campus and an encounter with a staff member that showed real interest in helping you with the difficult decision of where to attend college. Perhaps a faculty member stopped for a moment to shake your hand and welcome you to the CAP. Maybe a student working on a model showed you how excited he was about his project, and shared insight on the joyful act of design. Short and simple encounters that were significant in your life.

Later as a CAP student, maybe you met that one professor who could read your mind. He or she was able to answer your questions before you could voice them. Or maybe it was in the studio at two in the morning when you just needed a smile granting the understanding that you were moving in the right direction. Possibly it was in a classroom when an instructor connected the dots and suddenly everything made sense to you.

Perhaps it was during a review when you realized that other students were excited by your ideas. Maybe it was in the shop where all your classmates came to help you because you were not going to finish your model in time.

Was it at the career fair when a recruiter spent an unusual amount of time looking at your portfolio? Maybe it was at a guest lecture when you realized that a professional with many years of experience was as excited about learning from you as you were eager to learn from him or her.

And maybe today it will happen again when you come back to your college to participate in our Alumni Symposium. Perhaps you will find a reflection of yourself sitting in the third row of AB100 looking back at you and making that connection, creating that encounter; which will be significant for both of you.

In the proceedings of our 2013 Alumni Symposium you will find some of the significant encounters we have in store for you. Welcome back home.

Guillermo Vasquez de Velasco
Dean

Contents

A Welcome from the Dean 1
Schedule of Events 2
Previous Award Winners 4
Alumni Society Board of Directors 5
Distinguished Alumni 6
Outstanding Achievement 10
Department of Urban Planning Distinguished Alumnus Award 13
Parallel Sessions 14
Workshops 21

Alumni Symposium
October 25, 2013

Symposium booklet also available at http://printing.bsu.edu/servicecenter/cap_ondemand.html

Editor
Lori Pence

Design and Layout
Chris Helms
Schedule of Events

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Exhibition Gallery - Breakfast</td>
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<td>8:30 a.m.</td>
<td>Auditorium - Distinguished Alumni Award Recipient - Paul Strohm</td>
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<td>Healthcare Architecture: Inspired Engagement</td>
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<td>9:30 a.m.</td>
<td>Auditorium - Distinguished Alumni Award Recipient - Timothy Liddy</td>
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<td>Golf Architecture in America</td>
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<td>Exhibition Gallery - Break with Refreshments</td>
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<td><strong>AIA Continuing Education credits available</strong></td>
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<td>Providing Food Security for Hoosiers in Central Indiana</td>
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<td>The Demographic Imperative. How an Aging Population Will Reshape How We Plan For and</td>
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<td>The Galveston Experience</td>
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<td>Bridging Art &amp; Science to Realize Our Potential</td>
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<td>Saving Fort Knox’s Quoins</td>
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<td>Rob Wertman</td>
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<td>Applying the New Transportation Planning Paradigm</td>
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<td>Chris Reinhart</td>
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<td>Microhouse 1.0: Open Source, DIY, Architecture</td>
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<td>Life, Liberty and the Pursuit of Good Design</td>
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<td>Shane Burkhardt</td>
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<td>Reinvestment in Indiana’s First-Ring Burbs</td>
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<td>12:00 noon</td>
<td>South Entrance - Group Photo</td>
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<td>12:15 p.m.</td>
<td>Atrium - Lunch</td>
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<td>Auditorium - Outstanding Achievement Award Recipient - Kevin Osburn</td>
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<td>The Indianapolis Cultural Trail: A Model for 21st Century</td>
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<td>Sustainable Transportation and Infrastructure Design</td>
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<td>Auditorium - Outstanding Achievement Award Recipient - Isaac Bracher</td>
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<td>Beyond the Field of Dreams: Iowa Case Studies</td>
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<td>Before the Master Plan: The Benefit of a Framework Plan</td>
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<td><strong>Workshops</strong></td>
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<td>Brian Staresnick</td>
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<td>Digital Tools, Hacks, and Graphics for Landscape Architects</td>
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<td>Paul Laseau</td>
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<td>Urban Sketching</td>
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2013 Alumni Symposium
The Distinguished Alumnus Award is given to selected alumni with 15 years or more of professional experience who have achieved positions of influence and national or international reputations in their fields.

Awards of Outstanding Achievement are made to selected alumni who are making outstanding contributions to their profession and to society.

A formal call for nominations occurs at the beginning of each calendar year via email to alumni of the College of Architecture and Planning.

To nominate a fellow alumus, provide us with their name and a few words of information about the candidate.

The 2012 Alumni Award recipients are featured in the photo below.

Please update your contact information to receive action emails by contacting Lori Pence, Assistant to the Dean, at lpence@bsu.edu or (765) 285-5879.

Distinguished Alumnus Award

1998 Craig Hartman, BArch 73
1999 Laura Monk, BArch 79
1999 Bruce Race, BArch 80
2000 Linda Nelson Keane, BArch 78
2001 Michael J. Holtz, BArch 71
2001 Kerry Harding, BLA 82
2002 Dennis Gordon, URS 75
2002 Craig Mullins, BArch 71
2003 Carol J. H. Yetken, B.S. 78
2004 Greg Jacoby, BArch 82
2005 Roger Neuman, BArch 73
2006 Yang Ho Chang, B.S. 83
2007 Doug Reddington, BArch 78
2008 Karl Sonnenberg, BArch 75
2010 Gary L. Vance, BArch 77
2011 Brad Barkley, BArch 81
2012 Robert Miller, BArch 88
2013 Timothy Liddy, BLA 81
2013 Paul Strohm, BArch 80

Award of Outstanding Achievement

1998 Mark Chadister, B.S. 77
1998 Sheila Snider, BArch 74
1998 Rod Underwood, BArch 71
1999 Eric Ernstberger, BLA 78
2000 Alicia Goehring, MURP 92
2000 Kurt Oler, BArch 83
2000 Ron Taylor, BLA 93
2001 Wayne Estopinal, BArch 79
2001 Teresa Jeter-Neuburn, MURP 95
2001 Roger Neuman, BArch 73
2002 Paul Harding, BArch 75
2002 Jeff Kingsbury, BUPD 91
2002 Ronald Menze, BArch 79
2003 Nolan Bingham, BArch 76
2003 Thomas Doolittle, BLA 83
2003 Kevin Russell, BArch 97
2003 Jennifer Seal, BArch 94
2004 Mark Fishor, BArch 83
2004 Allan McGuire, BArch 83
2004 Todd Rottmann, BArch 92
2005 Deborah Burkart, BArch 80
2005 Ronald Fisher, BArch 79
2005 Thomas Kerwin, BArch 86
2005 Gregory Torchia, BArch 80
2006 William M. Brown, BArch 93
2006 Debra S. Kunc, BArch 93
2006 Leslie H. Smith, MLA 85
2007 Alan Reed, BArch 86
2007 Jamele Strayer Smugala, BArch 88
2008 Diana Brenner, BArch 92
2008 Donald Powell, Jr., BArch 76
2009 John Hawkins, BArch 82
2009 Rachel Minnery, BArch 98
2009 Mark Williams, BArch 89
2010 Craig D. Farnsworth, BLA 86
2010 Larry A. Roan, BLA 77
2010 Philip T. Stinson, BArch 91
2011 Jeff Bone, BArch 87
2011 Cynthia Brown, BUPD 96
2011 Richard Fetz, BArch 79
2011 Richard Moske, BArch 72
2012 Zach Benedict, MArch 05
2012 Glenn Harper, MSHP 87
2012 Spero Valavanis, BArch 75
2013 Isaac Bracher, BArch 80
2013 Rodney Collier, BArch 96
2013 Zach Benedict, MArch 05
2013 Kevin Osburn, BLA 90
2013 Bonnie Roy, BLA 03

The goal of the CAP Alumni Board is to support the programs of the College and to stimulate interest in the educational, professional, and social activities of the College’s alumni. The Board of Directors hold meetings four times a year and can teleconference with alumni from out of state who would like to participate.

CAP Alumni who are interested in serving on the Board of Directors should contact John Marron, President at jfmarron@gmail.com.

The constitution, bylaws and meeting minutes for the board can be located online at http://tinyurl.com/kosccg8 or by scanning the QR code with your smart phone below.

Alumni Society Board of Directors

The Alumni Society Board of Directors is the policy-making group of the CAP Alumni Society that serves as the liaison between the alumni and the College of Architecture and Planning.

The goal of the CAP Alumni Board is to support the programs of the College and to stimulate interest in the educational, professional, and social activities of the College’s alumni. The Board of Directors hold meetings four times a year and can teleconference with alumni from out of state who would like to participate.

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Healthcare architecture is a rare building type that combines: design, medical science, complex problem solving, and broad engagement with people — all with the ultimate mission of healing and wellness. When successful, it is inspired, speaks to your emotion, enhances healing and can be transformative from building to art.

Healthcare architecture encompasses a broad spectrum of related buildings: hospitals, medical and specialty centers, ambulatory care facilities, medical schools, translational research centers, and medical cities. Healthcare buildings present unique design challenges: most operate around the clock, accommodate a rapid pace of evolution, are used by thousands of patients, families, and caregivers on a daily basis, and require high energy use that elicits a mandate for sustainability. They have overall high project costs, life expectancies that range beyond 50 years, and are most frequently owned by not-for-profit entities that answer to multiple, complex constituents. Hundreds of people are involved in the design process.

Recent projects will be shared that explain how these principles have been realized: The Ohio State University, Wexner Medical Center Expansion, Columbus, OH; The Eskenazi Medical Center, Indianapolis, IN; the State of Oregon Psychiatric Program, Salem and Junction City, OR; and Kaiserslautern Medical Center, Germany.

Healthcare architecture offers the opportunity for personal engagement with clients, patients and their families, caregivers, and colleagues who are seeking to change the world and create buildings and places that speak to people’s spirit - inspiring the individuals who work within them and sustaining and strengthening the patients and families who seek healing within their walls.

**Paul Strohm**
Healthcare Architecture: Inspired Engagement

Paul Strohm, AIA, ACHA, LEED AP BD+C, is the Senior Vice President and Director of global healthcare design practice at HOK in St. Louis. He has served as principal-in-charge on several projects that have influenced the delivery of healthcare services in the United States. Strohm is a founding member of the American College of Healthcare architects.
Timothy Liddy, BLA 81

Timothy Liddy, ASGCA is owner of Timothy Liddy / Associates, Inc. which formed in 1993. It is a small select firm providing quality golf course design services. In the firm’s brief history it has won many awards and created unique golf courses of enduring quality.

Liddy is one of a few American golf course architects to have worked in Scotland. He has worked on 10 of the top 100 golf courses in the United States providing a unique understanding of these iconic golf courses throughout America. He has been mentioned, and collaborated with Pete Dye for over 20 years. Liddy was the project architect on the remodeling of the Caesarea Golf Course, the only 18 hole course in Israel.

Liddy is a member of the American Society of Golf Course Architects. Formed in 1946, the ASGCA was the first professional organization of golf course designers in America. Members of the ASGCA are, by virtue of their knowledge of the game, training, experience, vision and inherent ability, able to design and prepare specifications for a course of functional and aesthetic excellence.

Golf Architecture
in America
Kevin Osburn, BLA 90

A principal at Rundell Ernstberger Associates LLC, Kevin Osburn is a registered landscape architect and urban designer with over 20 years of experience in the planning and design of urban spaces, parks, pedestrian and bicycle transportation projects, and sustainable sites. Mr. Osburn is the manager of REA’s Indianapolis office and has served as lead designer for the Indianapolis Cultural Trail, an innovative, 8-mile urban greenway project throughout the streets of downtown Indianapolis that links the City’s cultural districts and serves as a downtown hub for the regional bikeway and greenway system. The project serves as the downtown hub for the community’s bikeway and greenway system, significantly improving neighborhood, city and regional connectivity.

- Utilizing an innovative “complete street” approach, the 8-mile project was constructed along existing city streets by narrowing the street or reducing traffic lanes to allow for an expanded sidewalk zone that includes protected bicycle and pedestrian pathways, greenspace, traffic calming measures and pedestrian plazas.
- By providing an elegant, high quality and engaging design, the project enhances walkability in downtown Indianapolis and encourages commuters, visitors and residents to enjoy transportation alternatives and reduce automobile use.

The Indianapolis Cultural Trail: A Model for 21st Century Sustainable Transportation and Infrastructure Design

The Indianapolis Cultural Trail is a world-class urban bike and pedestrian path. Linking neighborhoods and cultural destinations throughout downtown Indianapolis, the project serves as a pedestrian and bicycle transportation corridor, a linear park, an art gallery and a destination in and of itself. This privately funded, landmark 21st Century urban design project is widely recognized as a new icon for the City of Indianapolis and a new prototype for urban transportation corridors that integrates green infrastructure, clean transportation, community revitalization, economic development, and sustainable design.

The project is a significant addition to the City of Indianapolis and has been recognized for its contribution to the environmental, physical, economic, and social health of the community. Specifically:

- The project serves as the downtown hub for the community’s bikeway and greenway system, significantly improving neighborhood, city and regional connectivity.

Beyond the Field of Dreams: Iowa Case Studies

The 1989 motion picture, Field of Dreams, solidified the stereotype of Iowa as a land of cornfields and farmhouses – but what most people don’t know is that Iowa has a long tradition of cultivating fields of good design as well. Here, in this unassuming state on the prairie, there is a rich history of Iowa design firms receiving recognition for the quality design that is produced in the state.

Isaac Bracher, BArch 04

Isaac Bracher began his professional career in 2002 as a college intern at the 2001 AIA Firm of the Year, Herbert Lewis Kruse Blunck Architecture in Des Moines, Iowa. Since graduating from Ball State University in 2004, he has spent much of his career practicing in Iowa and is currently a project architect with OPN Architects in Des Moines. In his nearly ten years of practice, Isaac has assembled a diverse portfolio of award-winning projects, ranging from small, custom furniture pieces to large, contemporary office buildings.

His projects have primarily focused on elegant craft and attention to detail. In many cases, working within a modest budget has resulted in the work garnering design award recognition at both the state and regional level. These smaller budgets are approached as design opportunities – chances for exploitation of material, structure and light. He also brings to each of his projects extensive experience in furniture design and construction. This knowledge has enhanced his sensitivity for detailing on a small scale, which he applies to larger and more complex projects.

Peace Walk by REA on the Indianapolis Cultural Trail

Background image: Indianapolis Cultural Trail

Buffet table highlighting craftsmanship and design

Weigel Residence, Copper Mountain, Colorado

Background image: Bright-Grandview Clubhouse

College of Architecture and Planning 2013 Alumni Symposium
Adam Thies, AICP, BUUPD 00

Annually, alumni and faculty of urban planning consider nominations for the Department’s distinguished alumnus of the year award. This award is given to urban planning alumni who are making an impact in the profession of planning and who maintain a relationship with the department.

This year’s recipient, Adam Thies, AICP, is gaining considerable recognition in the private and public sector of planning in the City of Indianapolis, where he is the director of the Department of Metropolitan Development.

In this role, Mr. Thies oversees and administers the Divisions of Planning and Zoning, Community Economic Development, Historic Preservation and the Metropolitan Planning Organization.

Additionally, Mr. Thies serves as a strategic planning advisor to the Mayor of Indianapolis on long term redevelopment and economic development initiatives.

In 2009, he was named one of “40 under 40” by the Indianapolis Business Journal and in 2009-2010 completed the Stanley K. Lacy Executive Leadership Series, Indianapolis’ highly regarded executive leadership program. In 2007, he was named the Graduate of the Last Decade by Ball State University.

Bonnie Roy, BLA 03

Bonnie has 10 years of experience working with SWT Design and was promoted to Principal in 2011. Her focus is on a collaboration of landscape architecture, architecture and infrastructure in the metropolitan landscape. Bonnie’s project experience covers a full range of design responsibilities including healthcare, parks and recreation, childhood development, campus planning, streetscape design, urban revitalization, civic centers and institutions. She provides design leadership, project management, and strengthens the diversity of the team with her dual degrees in landscape architecture and urban design. Bonnie received her Masters of Urban Design from Washington University – St. Louis in 2006. In the fall semester 2012, Bonnie extended her passion for design as an Associate Faculty/Lecturer for Washington University-St. Louis’ Sam Fox School of Design instructing the entry level design studio for students pursuing a Masters in Urban Design.

Before the Master Plan: The Benefit of a Framework Plan

In October 2012 the Saint Louis Zoo Association purchased the 13.5 acre Forest Park Hospital site located south of the existing Zoo property in the City of St. Louis. Both the Saint Louis Zoo and its recently purchased property are bifurcated by Interstate 64, making future access to the expansion site challenging. For many years the Zoo has been land-locked, making the acquisition of this land crucial to the Zoo’s future expansion.

The expansion not only offers the Saint Louis Zoo a once-in-a-lifetime opportunity, but will also benefit the surrounding communities, the City of St. Louis and the metropolitan region. Bonnie Roy was the project manager as her firm, SWT Design, led the Saint Louis Zoo and a diverse team of consultants through a six-month planning process creating a 20 to 30 year vision for future growth. Given the historic significance of this project and the future economic impact it will have, the Zoo’s Expansion Framework Plan, provides the Zoo with a set of guidelines for development and tools for making smarter, more insightful short-term decisions.

Bonnie will elaborate on the benefits of developing a framework plan prior to undergoing an overall comprehensive master plan for development. The focus will be on the process, the function and purpose of a framework plan, managing a diverse team of professionals, and those lessons learned by Zoo leadership and planners.

Adam Thies, AICP, BUUPD 00

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In 2009, he was named one of “40 under 40” by the Indianapolis Business Journal and in 2009-2010 completed the Stanley K. Lacy Executive Leadership Series, Indianapolis’ highly regarded executive leadership program. In 2007, he was named the Graduate of the Last Decade by Ball State University. Mr. Thies has had the significant honor of serving on the American Planning Association (APA) National Board of Directors from 2008-2001, and was named the National Young Leader of the Year in 2000 by the APA. He has accepted invitations to attend international design and planning workshops in Australia, New Zealand and the People’s Republic of China.

His presentation is titled “Indianapolis in 2020 - Our Bicentennial Year.”
Parallel Sessions

The Galveston Experience

In the fall of 2002, Marsh Davis, then Executive Director of the Galveston Historical Foundation, suggested to Dr. James Glass, then Director of the Graduate Program in Historic Preservation at Ball State University, that Ball State’s Master in Science in Historic Preservation program consider holding a field school in Galveston, Texas. Marsh had observed in his years as a preservation professional, and as an adjunct faculty member at Ball State, that preservation students greatly benefited from immersing themselves in a historic community and undertaking a special study on, or for, historic resources. The objective was to provide a group of preservation students with a special educational and professional experience in one of the most historic communities in the country to expose them to the work of the foundation, one of the nation’s top local non-profit organizations. Following a pilot project in 2004, the syllabus for a semester-long course entitled “Preservation Field Experience” was developed. Since then, the class has focused on current and relevant preservation issues facing not only Galveston but the nation as a whole. Past course objectives have included developing infill construction design guidelines, identifying cultural heritage tourism opportunities, preparing disaster management plans and applying sustainable design practices.

The Demographic Imperative: How an Aging Population will Reshape How We Plan For and Design Communities

The senior population in Indiana is expected to nearly double over the next 35 years. By 2050, more than one out of every five people is expected to be over the age of 65. Design professionals, policymakers, and the market must respond to this demographic imperative to position individual communities and the state as a whole for future economic and social success. This presentation will examine the changing demographics of Indiana communities and examine how the design professions can interact with policymakers and the market to promote more livable communities for people of all ages.

Providing Food Security for Hoosiers in Central Indiana

Rising fuel costs, a global economic recession, and the increased use of pesticides in conventional farming has made it more difficult to find reasonably priced, fresh and healthy foods in Indiana. As obesity and diabetes rates and costs continue to grow in central Indiana and with over 80,000 kids in Marion County alone going to bed hungry every night, designers must consider how best to plan for healthier communities and individuals. While farmers’ markets, CSA’s and other farm-to-table programs are gaining traction, there are those for whom these programs are still out of reach. Indy Urban Acres, an 8-acre organic farm in Indianapolis located on city land and zoned as a park, seeks to help those most in need by providing fresh produce to food pantries in the Indianapolis area, as well as teaching youth and adults how to grow their own. This presentation will discuss the challenges of creating a more localized food system in Indianapolis, as well as the intricacies of a public-private partnership which includes Gleaner’s Food Bank, Indianapolis Parks Foundation, IU Health, and the market to promote more livable communities for people of all ages.
Mike McKay, BArch 87

Mike McKay is an Architect and Master Builder at Redman in Madison, Wisconsin. His expertise is in healthcare planning and design of environments that support the process of aging, acute care, inpatient and outpatient healthcare environments, healthcare facilities master planning and sustainable design.

He has presented at the Environments for the Aging Conference in Boston, at the Indiana Sustainability Summit and at the Alumni Symposium here at Ball State. In addition, he has been featured on WGL – AM 1250 with the Indiana Policy Review and WBYR – FM 98.9 and WFWI – FM 92.3 radio programs.

McKay has received an AIA Excellence in Design Award, the Edward D. Pierce Award & Service Award from AIA Indiana/Indiana Society of Architects, and the Alpha Rho Chi Medal from the College of Architecture and Planning at Ball State University.

He is the past president of AIA Fort Wayne and Indiana Society of Architects/AIA Indiana Chapters and is a LEED Accredited Professional of the U.S. Green Building Council.

Bridging Art & Science to Realize Our Potential

Architectural education, professional societies—and most architects—are stuck on design (the Art of our profession) while clients want performance and accountability (the Science). This gap in education, training and practice is expanding, leaving architects unemployed and under-employed as our contribution to a building project is marginalized.

We talk about re-asserting our profession to lead the industry, but we default to debate centered on design while removing ourselves from the very act of building. We act as if design is central to the entire profession, when in fact it is only one of many tools—an architect must master if we ever want to raise our value and reward.

Design must be based on a technological and technical ability of building inhabitable spaces. When it is separated from such, our value is reduced to a debate on style and aesthetic, which limits our profession’s contribution and value to the process. We need to take control and own the entire process of designing and building if we want to reach the true potential of this profession.

Clients demand accountability and the industry is moving toward integrated project delivery. Architects must lead and own the process if we want to be successful and grow this profession. Anything less and we simply continue the style and fashion show, getting paid less because the value of what we produce and are responsible for is less.

Fort Knox Building 1120

Fort Knox is home to over 185 of these historic structures. Most of these buildings were designed in a Georgian Colonial Revival style and are primarily constructed from standardized plans created by the Army Quartermaster Corps prior to the Second World War. Located within and outside a historic district, these buildings are an architectural testament to important military history and craftsmanship. How do modern uses and technologies affect these buildings? As federally owned buildings, the Army is obligated to comply with laws set forth in the National Historic Preservation Act of 1966. The Cultural Resources Office at Fort Knox provides advisory and technical service for the installation to meet this compliance. Fort Knox is recognized for their successful utilization of geothermal technology and other energy-efficient technologies as a means of cost savings from energy consumption used in historic and non-historic buildings. The installation has demonstrated how these technologies can be used for historic structures without compromising their integrity and allowing them to remain viable resources.

Fort Knox has also demonstrated how unique, but functionally obsolete, historic buildings can be adaptively reused for modern missions. Established in 1918, Fort Knox has a rich history that workers, residents, and visitors can admire and interact with today. This discussion will provide a glimpse of my profession as a historic preservation specialist at the federal level.

Fort Knox Building 1002

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Saving Fort Knox’s Quoins

The Department of Defense is steward of the nation’s largest inventory of federally owned or managed historic properties. In Kentucky’s sixth largest urban community, the Army installation...
Robert is the Transportation Systems Supervisor for the Madison County Council of Governments, the Anderson, IN Metropolitan Planning Organization. In Spring 2013, he earned his Masters of Urban and Regional Planning from Ball State University, and completed two Bachelors of Science in Urban and Regional Planning and Sociology from Michigan State University in 2011. He currently supervises the transportation systems department, coordinating and conducting multiple transportation studies, which includes transportation safety plans, corridor studies, non-motorized transportation plans and systems planning studies. He serves as the agency’s chief modeler, and is responsible for the development and advancement of the Polaris Integrated Modeling System. Professional affiliations: American Planning Association (APA), Institute of Transportation Engineers (ITE).

**Applying the New Transportation Planning Paradigm**

The transportation planning profession has rapidly experienced a paradigm shift which has forced practitioners to reevaluate and reexamine their most basic assumptions and analysis methods. The new paradigm has changed how transportation planners define problems, how we evaluate the transportation system, how we determine the objectives of transportation plans, and how solutions and their impacts are considered when solving transportation problems.

The Anderson Metropolitan Planning Organization (Madison County Council of Governments) was a classic case where analysis methods were stuck in the old paradigm. An agency wide shift starting with the development of the Polaris Integrated Modeling System has launched the agency into the new paradigm, fostering the more comprehensive and multimodal realities of a 21st century transportation system and capturing the interconnectedness between land-use and transportation.

This presentation will discuss the different elements of the agency transition into the new transportation planning paradigm and how the agency is abandoning the old paradigm’s reliance on evaluation based on speed, convenience, and affordability, which placed greater emphasis on accessibility, and has prioritized the automobile.

**Microhouse in progress**

Microhouse in progress is an open source project, meaning that all the plans, the materials lists, and the budgets are available to anyone to use for free. Just as with OSE’s machines like the tractor, the brick press, and others, collaborators from around the world will take this first iteration further and modify and refine it to suit their own needs. As of this writing, the first Microhouse is three days into construction and is expected to reach substantial completion in another three. Although it is just coming into life, the outpouring of response from individuals near and far has been voluminous, positive, and enthusiastic. Like any good open source project, it will soon have a life of its own.

**Microhouse 1.0: Open Source, DIY, Architecture**

Open Source Ecology’s Microhouse is an inexpensive, DIY, dwelling unit for a couple. The modular design is able to grow with the family’s needs and means. Built of compressed earth blocks made using OSE’s brick press, LifTrac tractor, and soil pulverizer, it can be built inexpensively using the earth beneath one’s feet. The other components of the Microhouse like the roof, loft, and plumbing and electrical systems can be pre-fabricated at the same time that the brick walls and floor are being constructed, and it can be assembled rapidly with a team of almost entirely inexperienced builders.

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**The Polaris Integrated Modeling System.**

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Life, Liberty, and the Pursuit of Good Design

Over the past several years I have been trying to rediscover landscape architecture. After a tumultuous 2009, many designers were forced to examine professional landscape architecture and decide: is this really what I’m passionate about doing? Designing parking lots for healthcare and higher education facilities with the vague hope that they will include a healing garden, green roof, or really any of my expertly crafted healthy landscapes advice was draining. Shrubbing it up, founding planting to foundation planting, was not exactly what I had in mind when I graduated with my Bachelors of Landscape Architecture, dreaming of Michael Van Valkenburgh and Martha Schwartz. With all of this, I felt like I was practicing landscape architecture Annual Meeting to Annual Meeting; waiting for opportunities to engage (and commiserate with) other professionals who spoke the same language as me. It was at this time that I came to understand that my pursuit of “good design” would not only reinvigorate my career, it would really give me the opportunity to practice with intention.

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Workshops

Digital Tools, Hacks, and Graphics for Landscape Architects

This session is a primer to digital tools, hacks and graphic techniques relevant to landscape architects: Photoshop, Illustrator, InDesign, AutoCAD, Rhino, SketchUp, Open Street Maps, Google Maps, and more. Used in tandem these tools allow landscape architects to create, modify, and enhance convincing presentation graphics. The session will utilize a real world work-flow example to provide context for how best to compose professional quality graphics.

The goal of this session is to teach landscape architects the basics of digital tools to create compelling presentation graphics, which includes:

- Understanding vector and raster files
- Part I: Analysis graphics
  - Illustrator tools and patterns
  - SketchUp 3D analysis graphics
  - Large format Google maps
- Part II: Digital rendering
  - Importing 2D AutoCAD files via PDF
  - AutoCAD “Flatshot” and Rhino “Make 2D” techniques
  - “Quick and dirty” SketchUp renderings in Photoshop
- Part III: Publishing
  - Publishing documents with InDesign

Reinvestment in Indiana’s First-Ring Burbs

The first ring suburbs were the places that city dwellers first sought refuge from the overcrowding and unsanitary conditions of the city. Eventually as suburbanization turned into disinvestment of the urban core, even these first-ring suburbs fell victims to the flight of people out of the urban areas. Today many of these first-ring communities have aging infrastructure and an obsolete housing stock. This session takes a look at two first-ring suburbs in Indiana – the City of Whiting along the shore of Lake Michigan adjacent to the City of Chicago and the Town of Speedway, now essentially surrounded by the City of Indianapolis. Both communities are beginning to see a rebirth brought on by ambitious redevelopment plans and new investment in infrastructure, public spaces and a focus on economic development.

Digital Tools, Hacks, and Graphics for Landscape Architects

Brian Sterenick, BLA 08, MUD 12

Brian attended undergraduate school at Ball State University where he earned a Bachelor of Landscape Architecture. Upon completion of his BLA, he followed his passion for urban spaces to New York City where he worked with Thomas Balsley Associates. He recently completed the Master of Urban Design program at Ball State University and currently works with RATIO Architects as a landscape architectural graduate and urban designer.

As an INDYCOG board member, an Indy-based bicycle advocacy and education 501(c)3, he serves as project manager of the INDY RIDE GUIDE – Indy’s most comprehensive bike map.

Reinvestment in Indiana’s First-Ring Burbs

Shane Burkhardt, AICP, BUPD 98

Shane Burkhardt is a Principal Planner in CHA’s Indianapolis office. CHA is a worldwide engineering, planning and architecture firm. Shane is a versatile and experienced certified urban planner with a broad range of experience and specific expertise in urban economics, economic development and urban redevelopment. Shane has held numerous leadership positions during his career. He was the Associate Director of the Center for Economic and Community Development at Ball State University (now Building Better Communities). During his tenure at BSU he also directed the Indiana Economic Development Basic Course and also was an adjunct instructor of urban planning. Shane also served at the Hudson Institute as a Research Fellow and Regional Economist focusing on applied economic and workforce development research. As a private sector planner, Shane has led many successful national award winning redevelopment projects including the redevelopment of the area around the Indianapolis Motor Speedway and the redevelopment of City of Whiting’s Lake Michigan waterfront. Shane earned his planning degree in 1998 from Ball State University as well as a B.S. in Political Science and Environmental Design. Shane is currently the president of the Indiana Chapter of the American Planning Association.
Paul Laseau

Paul Laseau is a Professor Emeritus of Architecture at Ball State University with a wide-ranging career in teaching and research with an emphasis in design communications including traditional and digital media. His work was recognized by the awarding of the prestigious Lilly Faculty Fellowship for the Study of Computer Applications in Architecture. He is one of a handful of nationally recognized authors in the field of design communications with nine published books that are course texts for students of architecture, landscape architecture, interior design, and industrial design in the Americas, Europe, and the Far East. One or more of his books have been republished in Japanese, Chinese, Korean, Malaysian, Indonesian and Spanish languages. Currently he is an architect, author, artist, and Illustrator residing in Muncie, Indiana. He divides his time between painting, workshops, and illustrations—commissioned or for his own publications. He has recently completed a second edition of Visual Notes.

Urban Sketching

Urban Sketchers is an online, nonprofit organization dedicated to promoting “the artistic, storytelling and educational value of location drawing”. In just a few years it has become a vibrant worldwide movement attracting sketchers from a variety of backgrounds and levels of skill. Urban Sketchers should be of interest to environmental designers and planners who care about cities.

Paul is offering a short workshop to rekindle interest in on-site sketching as a means to observation and dialogue about people and their environments. Please bring your pen, pencil, or fine line marker and join us.
Ball State University
College of Architecture and Planning
Charles M. Sappenfield Guest Lecture Series
presents
Daniel Libeskind
The Language of Places

November 4, 2013, 7 p.m.
Pruis Hall
Free and open to the public
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