

## PETER B. MacKEITH

Dean and Professor of Architecture  
Fay Jones School of Architecture + Design  
University of Arkansas | Fayetteville, Arkansas, USA

### Selected Recognition

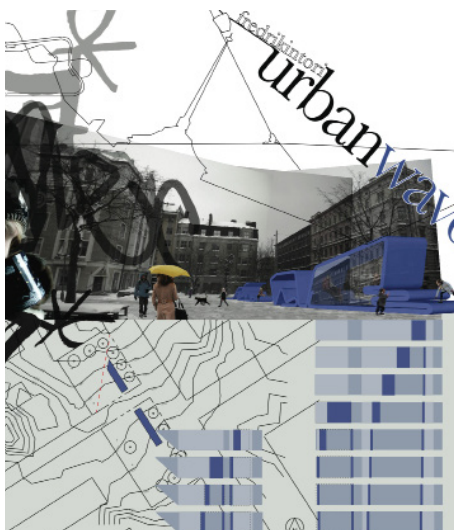
- 2021 AIA Arkansas Award of Merit
- 2020 Senior Fellow, Design Futures Council
- 2017-2018, 2019-2020 "Design Educator of the Year (30 listed)," Design Intelligence Journal
- 2014 Knight First Class, Order of the Lion, Finland
- 2014 ACSA National Award Creative Achievement In Design Education
- 2008 ACSA National Award Creative Achievement In Design Education

## ACSA Distinguished Professor Portfolio

This work presented in this portfolio is organized according to three intersecting sets of coordinates, each set itself a triad:

- a larger agenda of contemporary design education: the international, the sustainable, and the place-based;
- a specific emphasis of my academic and professional work: on the design cultures of Finland and the Nordic region, on the design potentials of forests, timber and wood products, and on the design essentials of place, purpose and phenomena;
- an expression of those emphases in the academic assessments of teaching, creative practice and research, and service to the discipline and the public.

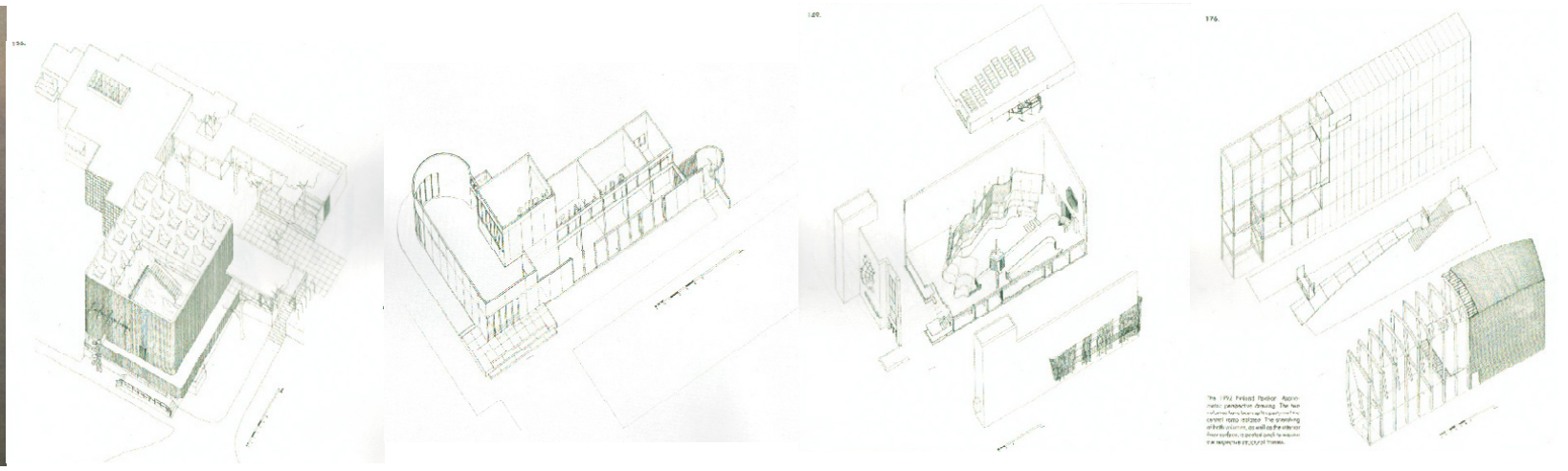
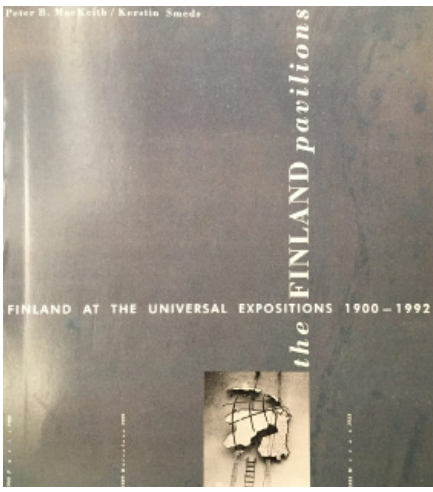
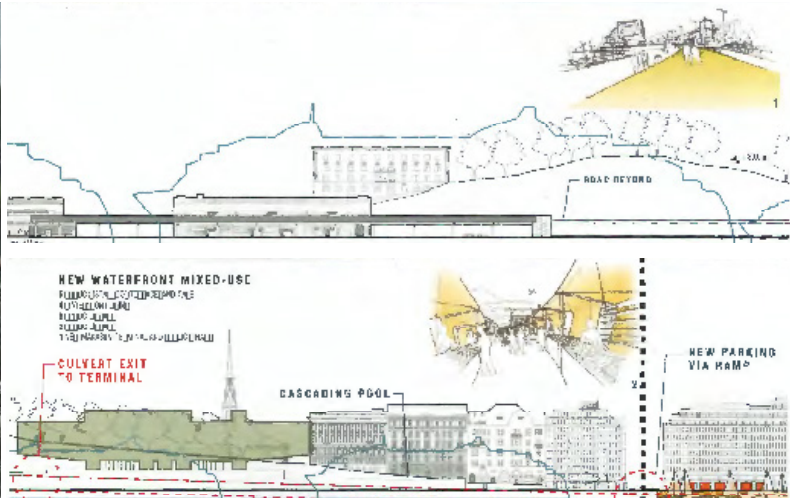
Each slide after this introductory collage is identified by a combination of these coordinates. However, the labeling is not absolute or categorical. The inter-relationships and overlaps between all projects shown and the range of coordinates are best understood as a composite laminate of ambitions and outcomes.



**THE HELSINKI STUDIOS 1995-2014**

Washington University in St. Louis  
St. Louis, Missouri

Over a twenty year period, in faculty appointments across two schools of architecture, I instructed or co-instructed a succession of design studios with the city of Helsinki as a central focus and the cultural context of Finland as a general framework. These studios occurred in fall, spring and summer semesters, making climate and light demonstrable issues of design concern, and emphasized further the necessity for responsive and responsible design in material, constructional and cultural terms. Studio methodologies always structured collaborative and inter-disciplinary approaches, and a holistic understanding of design, "from the spoon to the city," to quote Eiel Saarinen. A consistent thread was that of architecture's capacity for intensification of place, and for representation of identity - whether personal, municipal or national. Studio outcomes ranged from the conventional drawn and rendered projections of architectural design to full-scale material constructions in the streets, marketplaces and shorelines of the city. Over the course of those twenty years, over the course of at least thirty studios, approximately 300 students participated in these Helsinki/Finland design studios.



**FINLAND AT THE UNIVERSAL EXPOSITIONS 1900-1992**

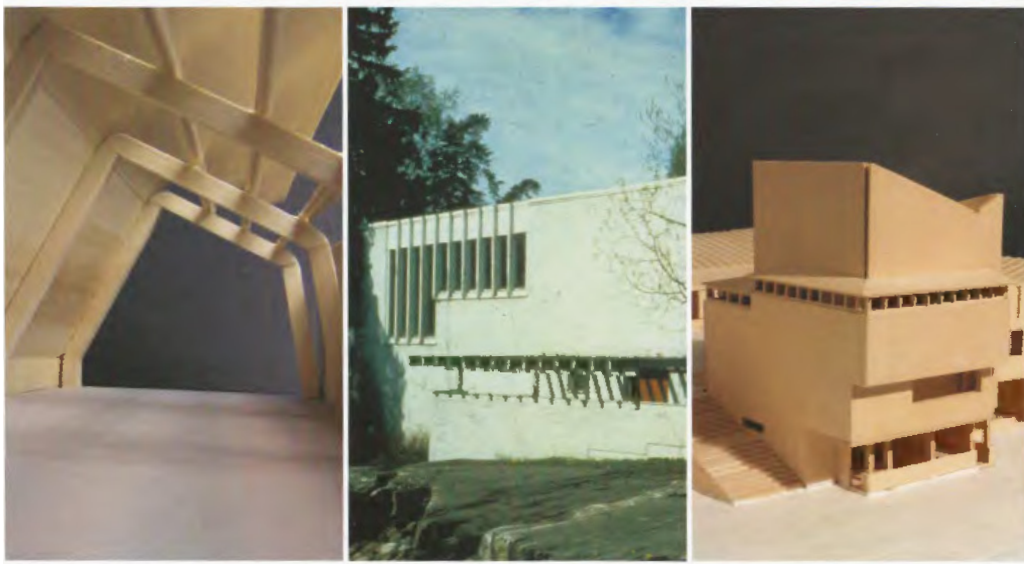
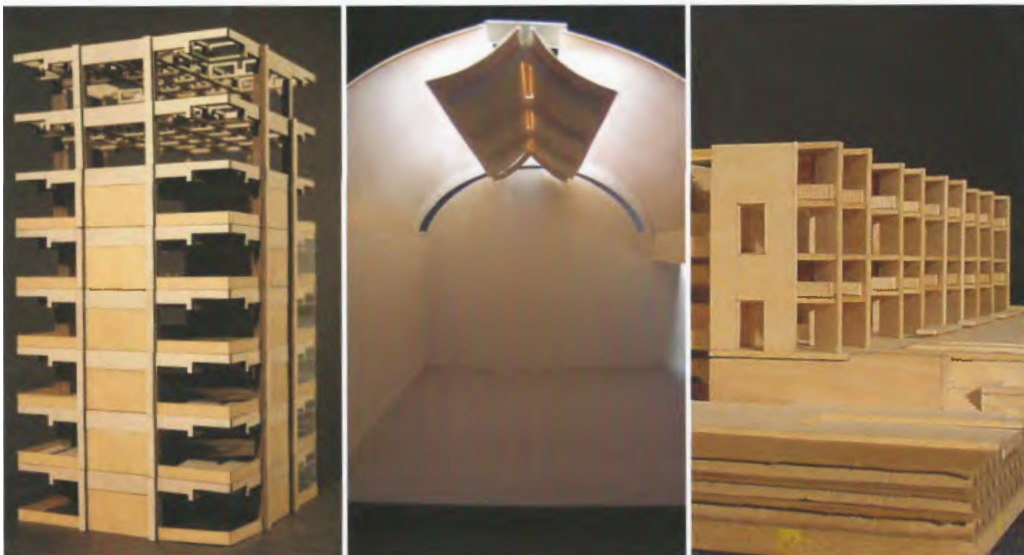
Finnish architecture and design are twin hallmarks of Finnish culture and the image of Finland to the larger world. The Finnish world exhibition pavilions and their internal displays have been essential elements in the making of this image, both in their design and in their reflections of Finnish culture at specific historical points in this century. The Finland Pavilions examines this literal construction of Finland's image, by documenting the pavilions Finnish architects and designers have created in the twentieth century for a succession of Universal Expositions. Historian Kerstin Smeds examines Finland's participation in the world exhibitions and provides background for each one's organization. The pavilion design may be seen as periodic indications of the directions of Finnish culture and the quality of life in the country. The forcefully stated themes of Aalto's 1939 pavilion, honoring the land, the people and their work, can be seen in the light of the coming World War. Each pavilion since 1930 has attempted to express the theme of "the brave new Finn", a self-image created in response to the needs of an emerging modern nation in the 20th century. Ultimately, this encompassed scientific and cultural achievements as well as traditional values of simplicity, faith and endurance, resulting in the myth "Creative Finland". Each Finnish exhibition and pavilion has sought to portray the strong national culture in concert with the demand of an increasingly internationalized world. The Finland Pavilion for the 1900 Paris Exposition, designed by Eliel Saarinen, Hermann Gesellius and Armas Lindgren, secured this status for the Finnish pavilions by using the National Romantic architecture to demonstrate Finland's cultural autonomy from Russia. Subsequent Finnish pavilions, employing the finest architects of the time, have left behind further memorable architectural images. Indeed, it may be claimed that Alvar Aalto's pavilion for the 1939 World's Fair in New York placed both him and Finnish culture in the forefront of architectural attention. Such attention has continued, from Reima Pietila's '95 ...pavilion to the design of the Finnish pavilion at Expo '92 in Seville. An essay and researcher Peter B. MacKeith documents these architectural works and their architectural context.

**ARCHIPELAGO: Helsinki's South Harbor**

**Competition, Summer-Fall, 2011**

Studio FINN:  
 Derek Hoeflerin, co-lead designer; Peter MacKeith, co-lead designer  
 Bennett Gale; John Kleinschmidt; Allison Mendez; Jonathan Stitelman; Brendan Wittstruck

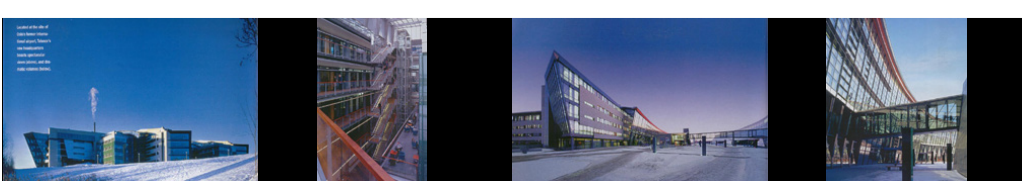
Helsinki is a city of many layers, personas, characters and qualities. Many are visible, tangible, palpable, sensual. Many are invisible, below the surface, shaped and hidden by time, water, geology and construction. The city's geography balances its land form with its water form; it is a peninsula that has emerged from an archipelago of islands. The city's urban structure positions a series of civic squares and parks throughout its interior gridded street patterns, and a skein of civic harbors along its irregular coastal shoreline. This pair of civic "archipelagos" - Helsinki's squares and Helsinki's harbors - intrinsically complements each other. The city's immediacy, graciousness and intimacy is sustained by these linked public spaces. Helsinki's South Harbor embodies this essential character: it is both civic harbor and civic square. This character must be reinvigorated, however, through the provision of a condensed "archipelago" of experiences, spaces and constructions.



**ALVAR AALTO / LOUIS KAHN: Critical Studies**

2000 - Present/ Washington University in St. Louis, University of Arkansas Seminar Course

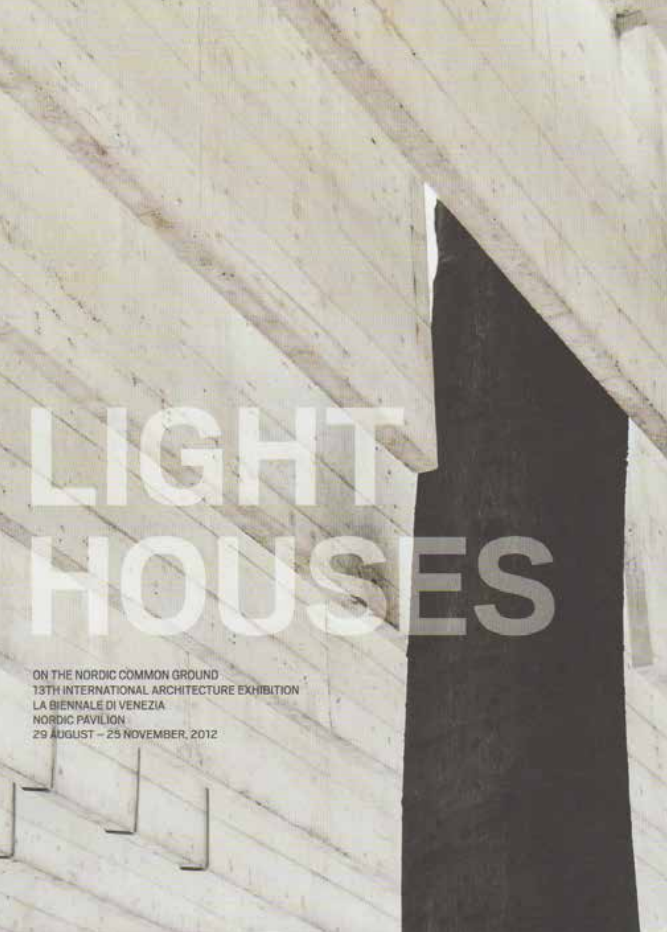
This seminar examines the two signal architects of the late 20th century, through focused examinations of their biographies, written statements and significant buildings: the Salk Institute and the British Art Center, among others, by Kahn and the Saynatsalo Town Hall and the Villa Mairea, among others, by Aalto. The course structure will intertwine the progress of each architect's career and production with the other's, and place them both as well in their historical and theoretical contexts. Thematic issues of site, tectonics, purposes, and formal principles will be addressed, and the subsequent critical interpretations of the built works will be reviewed. Selected works will be the subject of analysis through surveys of archival drawings and constructed models. An overview of the legacy of Kahn and Aalto as represented in contemporary architectural culture will conclude the seminar. Field trips to selected buildings of Kahn in the United States are planned; an optional field trip to Finland for the experience of Aalto's works is also envisioned.



**CONTEMPORARY NORDIC ARCHITECTURE**

2001 - Present/ Washington University in St. Louis, University of Arkansas Seminar Course

This seminar examines the current vigor of architecture practice in the Nordic countries - Finland, Sweden, Norway, Denmark and Iceland - through focused studies on significant and emerging architects, built and projected works, and historical and theoretical frameworks. Beginning with overviews of the significant 20th century architects and works that conventionally characterize the Nordic architectural reputation - Aalto and Pietila in Finland, Asplund and Lewerentz in Sweden, Jacobson and Utzon in Denmark, Korsmo and Fehn in Norway, among others - the seminar will address the late 20th century legacy of these architects, and move rapidly to survey and assess the succeeding generation before turning directly to the architects and works of the last 20 years. Studio Granda in Iceland - , Snohetta, Jarmund/Vigsnaes, and Jensen/Skodvin in Norway; BIG, Lundberg & Tradgaard, and Gehl Urban Design in Denmark; Johan Celsing, Gert Windgardh, and Tham & Videgard in Sweden; and Lahdelma/Mahalmaki, JKMM, and K2S, among many practices, will be assessed. Issues of regionalism, urban and housing design, tectonics and materials, environmental design and sustainability, social responsibility and national representation will all serve as thematic filters for discussion and evaluation.



# LIGHT HOUSES

ON THE NORDIC COMMON GROUND  
13TH INTERNATIONAL ARCHITECTURE EXHIBITION  
LA BIENNALE DI VENEZIA  
NORDIC PAVILION  
29 AUGUST – 25 NOVEMBER, 2012



## LIGHT HOUSES

*On The Nordic Common Ground*  
The Nordic Pavilion  
13th Biennale of Architecture, Venice, Italy  
August - November 2012  
Helsinki, Summer 2013 / Stockholm, Fall 2013  
Curator/Designer: Peter MacKeith  
Assistant Curator/Designer: Philip Tidwell  
Pedestal Design: Juhani Pallasmaa

I directly curated and designed the LIGHT HOUSES exhibition at the Nordic Pavilion for the 13th Biennale of Architecture in Venice (August – November, 2012), working at the invitation and appointment of the Museum of Finnish Architecture, the 2012 commissioner of the Pavilion. LIGHT HOUSES is an international travelling exhibition now on view at the Museum of Finnish Architecture in Helsinki and due to be on view at the Center for Swedish Architecture and Design at the Moderna Museet, Stockholm, in the fall, 2013. At the Biennale, this exhibition was viewed by 150,000 visitors.

The exhibition celebrates the jubilee of the Nordic Pavilion designed fifty years ago by the Pritzker Prize winning architect Sverre Fehn. Thirty-three architects born after 1962, the year the pavilion was designed – eleven each from Finland, Sweden and Norway – have been invited to create a model of a conceptual “house” that reflects their personal philosophy of architecture. The exhibition also highlights topical social and environmental themes, looking at the sobering economic constraints and diminishing environmental resources that challenge architects of all nations in their efforts to achieve maximum quality in their designs. Contemporary Nordic architectural culture offers both exemplary approaches and significant constructed works addressing these most challenging circumstances of our time. The classic hallmarks of Nordic architecture – simplified form, frugal use of materials and sensitive treatment of daylight and the natural setting – embody the basic principles of responsible, sustainable architecture.

The Nordic Pavilion at the Venice Biennale is Sverre Fehn’s distilled, elegant version of a Nordic “house” – a design evoking sensations of light, material, structure, space, nature and atmosphere. It embodies what might be called a metaphysical “house of the North”, one of specific primary architectural images, elements and details. The Nordic Pavilion is a physical and metaphorical “common ground” for Finland, Sweden and Norway.

Visitors will encounter an exhibition that can be viewed nowhere else, and in no other format. The works have been commissioned specifically for the Venice venue from Nordic architects new and established, urban and rural, less-renowned and widely celebrated. The exhibits are displayed as installations, forming a “chorus” of contemporary Nordic architecture in polyphonic dialogue with Fehn’s iconic pavilion. The exhibits are mounted on pedestals designed by Professor Juhani Pallasmaa, Fehn’s colleague and personal friend. The show is curated by Professor Peter MacKeith and organised by the Museum of Finnish Architecture in collaboration with The Swedish Museum of Architecture and The National Museum of Art, Architecture and Design (Norway).



## EERO SAARINEN: SHAPING THE FUTURE

Mildred Lane Kemper Art Museum  
January 30 - April 27, 2009

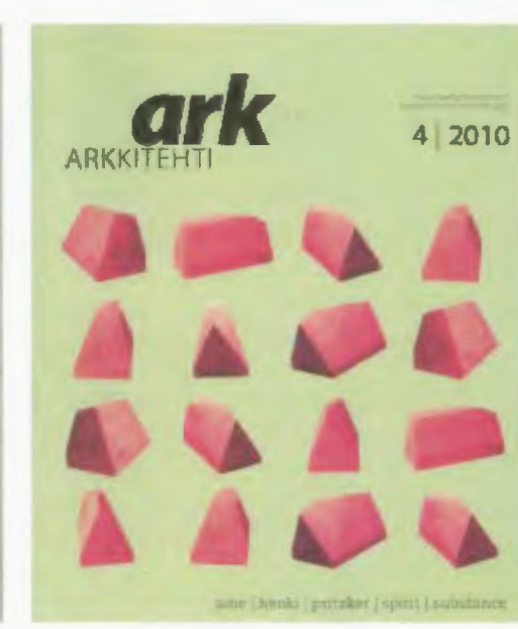
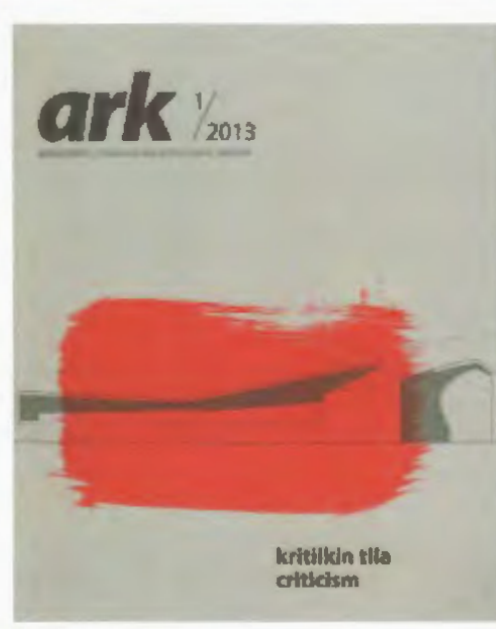
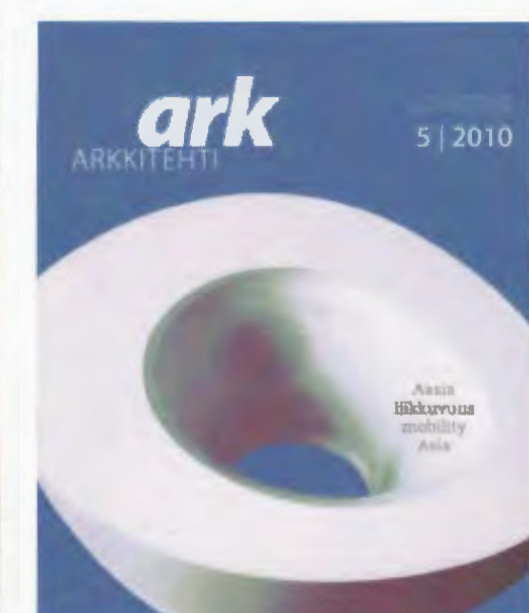
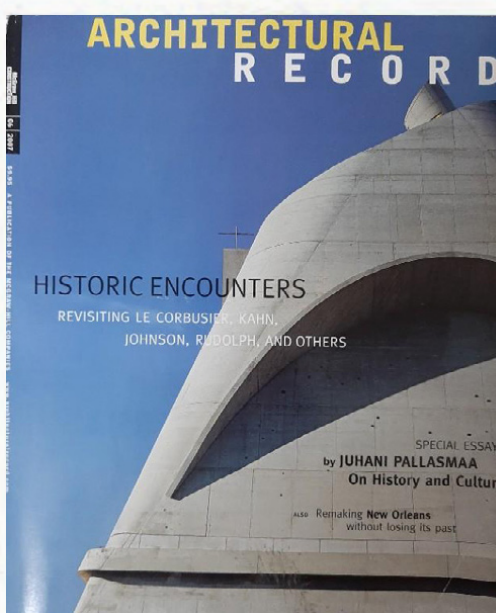
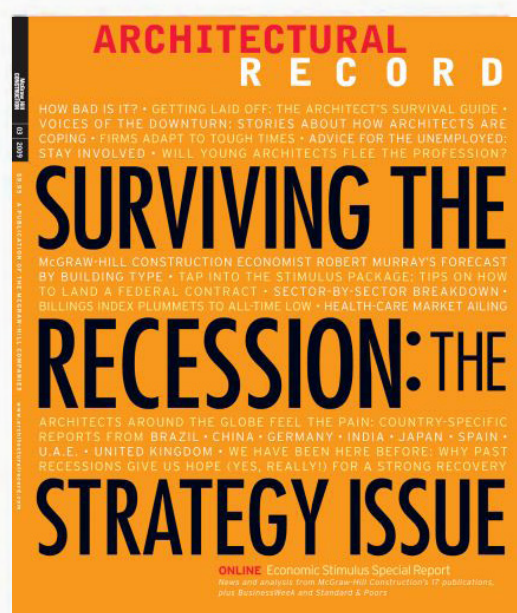
## ON THE RIVERFRONT

*St. Louis and the Gateway Arch*  
Steinberg Hall Gallery  
January 30 - April 27, 2009

I initiated and produced, working with the Kemper Museum staff, the St. Louis/Washington University installation of the Finnish Cultural Institute's Eero Saarinen: Shaping the Future, an international travelling exhibition shown in Helsinki, Oslo, Brussels, Cranbrook Academy, the Walker Art Center, the City Museum of New York, and the Yale School of Architecture. In alliance with the Eero Saarinen: Shaping the Future exhibition, in 2008-09 I worked with Professor Eric Mumford and Senior Lecturer Don Koster, and a team of graduate students, to initiate, conceive, research, fund-raise, design and install a parallel exhibition of immediate St. Louis relevance, entitled *On the Riverfront: St. Louis and the Gateway Arch*. This exhibition, installed in Steinberg Hall's 2,000 square foot gallery, surveyed the urban history and design of St. Louis up until the 1947 Jefferson National Expansion Memorial Competition, and then presented the Competition to the public for the first time since 1947 in a comprehensive and comprehensible way through a researched selection of competition entries and jury assessments. Eero Saarinen's entry boards for the Competition were presented as part of this exhibition, making it an important adjunct to the presentation of the St. Louis Arch in the concurrent larger exhibition.

Eero Saarinen: Shaping the Future is organized by the Finnish Cultural Institute in New York; the Museum of Finnish Architecture, Helsinki; and the National Building Museum, Washington D.C. with the support of the Yale University School of Architecture. The exhibition is curated by Donald Albrecht in conjunction with an international consortium of Finnish and American scholars.

Funding Source: The Graham Foundation for Advanced Studies in the Visual Arts.  
Exhibition team: Peter MacKeith, Associate Professor/Eric Mumford, Professor, Co-Curators; Mary Brunstrom, PhD. Candidate, Research; Don Koster, Senior Lecturer, Research and Exhibition Design and Installation



**PROFILES IN NORDIC ARCHITECTURE, 1991 - ongoing**

- "Henning Larsen, an obituary," and "Helsinki Central Library Competition," Architectural Record, August, 2013.
- "An Alternative Performance: Helsinki Music Centre," Arkkitehti-lehti, the Finnish Architectural Review, no. 5, 2011.
- "The Educational Moment," Global Danish Architecture #5, 2010.
- "Finland Pavilion, Expo 2010 Shanghai," Arkkitehti-lehti, the Finnish Architectural Review, no. 5, 2010.
- "Body-building: Steven Hall's Knut Hamsun Center (Norway)," Arkitektur N, February, 2010.
- "Oslo International School, Oslo, Norway," Architectural Record, July, 2009.
- "The Petter Dass Museum," Architectural Record, April, 2009.
- "The National Opera House, Oslo, Norway," Architectural Record, August, 2008.

Beginning in 1991 - within a year of my first arrival in Finland - I began reporting on contemporary buildings and events in architectural culture there; my first article profiled Finland's presence at the 1991 Venice Biennale for architecture. Since 1991, I have written over 40 such specific building profiles. The initial focus on contemporary Finnish architecture has expanded to include profiles of contemporary buildings in Iceland and Norway (while I have identified buildings of quality in Sweden and Denmark, sadly these have not been commissioned as articles). These building profiles have appeared in significant professional journals in the United States, Great Britain, Italy, the Nordic countries, Estonia, and the former Soviet Union. The profiles average between 1,500 and 3,000 words in length, and include building description, building assessment and formal criticism. The building types range from exhibitions to houses to civic and religious structures, and include urban sites and open landscape sites. The architects included in this ongoing survey are the most prominent now working in the Nordic countries; each profile is accomplished on the basis of an on-site visit over two or more days with the architect, an interview, and a review of the design and construction documents. The ongoing series constitutes a survey of the best of Nordic architecture in the last twenty years. Excerpts from two such recent profiles are included here.

encounters  
Juhani Pallasmaa • Architectural Essays

SOM  
journal

encounters 2  
Juhani Pallasmaa • Architectural Essays

PERSPECTA 24

Peter B. MacKeith / Kerstin Smeds  
the FINLAND pavilions  
FINLAND AT THE UNIVERSAL EXPOSITIONS

Peter MacKeith, editor

7  
SOM  
journal  
8

Peter MacKeith, editor

RAKENNUSTIETO

EVA RAPORTTI

THE  
DISSOLVING  
CORPORATION

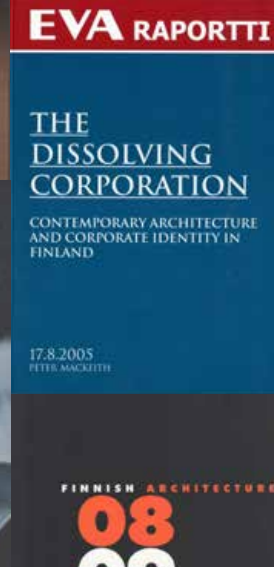
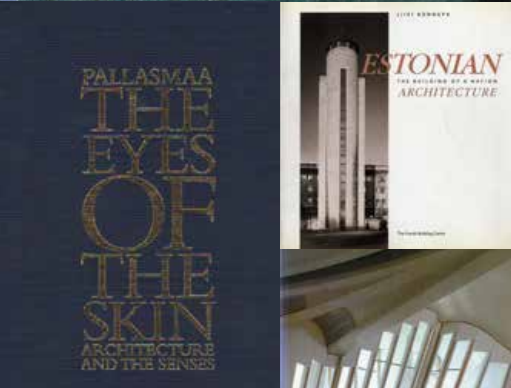
CONTEMPORARY ARCHITECTURE  
AND CORPORATE IDENTITY IN  
FINLAND

17.8.2005  
PETER MACKEITH

FINNISH ARCHITECTURE  
08

Peter MacKeith, editor

Marion Blackwell  
Kenneth Frampton  
Kristian Gullichsen  
Karsten Harries  
John Hejduk  
Mikko Heikkinen  
Dan Hoffman  
Steven Holt  
Markko Kinnanen  
Esa Laakkonen  
Daniel Libeskind  
Robert McCarter  
Alberto Pérez-Gómez  
Nina Stritzler Levine  
Philip Tidwell  
Billie Tsien  
Leslie Van Duzer  
Ban Wawa  
Cynthia Weese  
Tud Williams



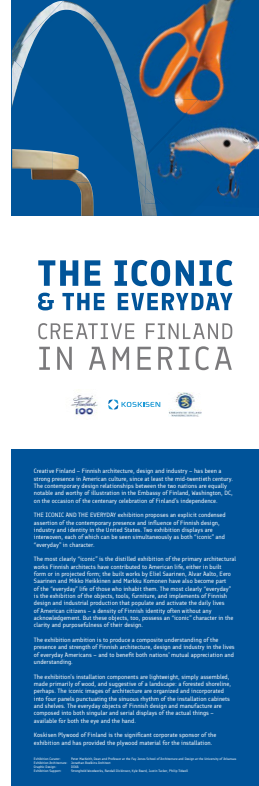
### BOOKS AND CRITICAL ESSAYS

2010 - 2014 The SOM Journal, numbers 8 (published 2013), 9 (for 2014), 10 (for 2015) / Editor  
Editorial board: R. Duffy, K. Frampton, L. F. Galliano, J. Ockman, J. Pallasmaa / Hatje Cantz  
Publishers  
2012 - 2015 Artek and the Aalto: Design, Domesticity and the Public Sphere (Commissioned  
introductory essay) (in conjunction with 2014-15 exhibition as noted below)  
Yale University Press / Bard Graduate Center joint publication  
2012 Encounters II: Architectural Essays (by Juhani Pallasmaa)  
Editor / 400 pages, 400 illustrations.  
Helsinki, 2012: Rakennustiето, Building Information Ltd. (October 2012 publication)  
2012 LIGHT HOUSES: The 2012 Nordic Pavilion Exhibition at the Venice Biennale  
Author, Editor, and Curator  
Helsinki, 2012: The Museum of Finnish Architecture (September 2012 publication)  
2011 - (2014) Material Art: The Architecture of Lahdelma - Mahlamäki Architects  
Editor and Author  
Helsinki: Rakennustiето, Building Information Ltd. (pending spring, 2014 publication)  
2006 Archipelago: Essays on Architecture  
Editor and Author / 232 pages, 100 illustrations.  
Helsinki, 2006: Rakennustiето: Building Information, Ltd.

2005 The Dissolving Corporation: Contemporary Architecture, Corporate Identity in Finland  
Author / 75 pages, 25 illustrations  
Helsinki, 2005: EVA: The Finnish Institute on Business and Economic Policy  
2005 Encounters: Architectural Essays (by Juhani Pallasmaa)  
Editor / 400 pages, 400 illustrations.  
Helsinki, 2005: Rakennustiето, Building Information Ltd.  
FINALIST, RIBA BOOKSHOPS INTERNATIONAL BOOK OF THE YEAR 2005-2006  
2004 Investigations in Collective Form  
Fumihiko Maki, author / Peter MacKeith, editor (2nd edition) / 68 pages, 25 images.  
St. Louis, 2004: School of Architecture, Washington University in St. Louis  
2002 Primary Architectural Images: Seminar Documents 1  
Editor and introduction, with Juhani Pallasmaa, Jouni Kaipia / 48 pages, 50 images.  
St. Louis, 2002: School of Architecture, Washington University in St. Louis  
1998 Alvar Aalto: Between Humanism and Materialism  
Peter Reed, editor  
New York, 1998: The Museum of Modern Art.  
Contributor: Six researched analytical drawings of Alvar Aalto's works.

1994 Estonian Architecture: The Story of a Nation  
Liivi Kunnappu, author / Peter MacKeith, editor  
Helsinki, 1994: Rakennustiето, Building Information Ltd.  
1993 THE FINLAND PAVILIONS: Finland at the Universal Expositions 1900 - 1992  
Co-author Kerstin Smeds, 184 pages, 191 photographs.  
Helsinki, 1993: City Kustannus Publishers Ltd.  
1988 PERSPECTA 24: The Yale Architectural Journal / On Materiality  
Co-editor David Thompson. 176 pages.  
New York, 1988: Rizzoli International Publications.  
Publications: Articles and Essays  
1991 - ongoing Articles on contemporary Finnish and Nordic  
architecture and design published in:  
ARCHITECTURE, ARCHITECTURAL RECORD, ARKKITEHTI-LEHT  
(The Finnish Architect's Review), THE ARCHITECTURAL REVIEW,  
CASABELLA, COMPETITIONS, FORM FUNCTION FINLAND,  
KOREAN ARCHITECTURE REVIEW, MONUMENT,  
PROGRESSIVE ARCHITECTURE, SPAZIO e SOCIETA, WORLD ARCHITECTURE





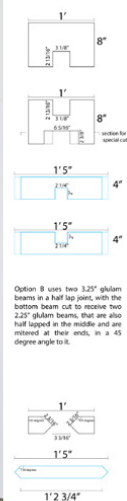
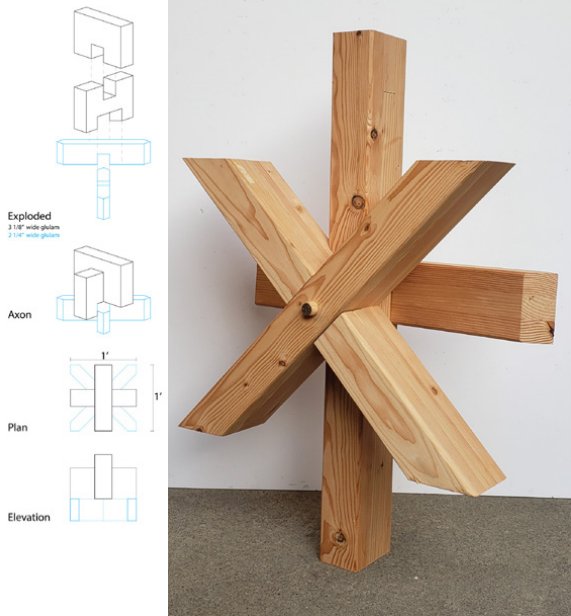
## THE ICONIC AND THE EVERYDAY

### Creative Finland in America

Embassy of Finland  
Washington, D.C., USA  
May - August 2017

Exhibition Curator: Peter MacKeith, Dean and Professor at the Fay Jones School of Architecture and Design at the University of Arkansas  
Exhibition Architecture: Jonathan Boelkins Architect  
Graphic Design: DOXA  
Exhibition Support: Stronghold Woodworks, Randall Dickinson, Kyle Beard, Justin Tucker, Philip Tidwell

Having lived, taught and practiced architecture and design in Finland and in the United States at length, I conceived an exhibition to coincide with the 100 Year anniversary of Finnish independence to celebrate the strong presence of Creative Finland – Finnish architecture, design and industry – in American culture, since at least the mid-twentieth century. The contemporary design relationships between the two nations are equally notable and worthy of illustration in the Embassy of Finland, Washington, DC, on the occasion of the centenary celebration of Finland's independence. The exhibition, titled 'THE ICONIC AND THE EVERYDAY,' proposes an explicit condensed assertion of the contemporary presence and influence of Finnish design, industry and identity in the United States. Two exhibition displays are interwoven, each of which can be seen simultaneously as both "iconic" and "everyday" in character. The most clearly "iconic" is the distilled exhibition of the primary architectural works Finnish architects have contributed to American life, either in built form or in projected form; the built works by Eliel Saarinen, Alvar Aalto, Eero Saarinen and Mikko Heikkinen and Markku Komonen have also become part of the "everyday" life of those who inhabit them. The most clearly "everyday" is the exhibition of the objects, tools, furniture, and implements of Finnish design and industrial production that populate and activate the daily lives of American citizens – a density of Finnish identity often without any acknowledgement. But these objects, too, possess an "iconic" character in the clarity and purposefulness of their design. The exhibition ambition is to produce a composite understanding of the presence and strength of Finnish architecture, design and industry in the lives of everyday Americans – and to benefit both nations' mutual appreciation and understanding. The exhibition's installation components are lightweight, simply assembled, made primarily of wood, and suggestive of a landscape: a forested shoreline, perhaps. The iconic images of architecture are organized and incorporated into four panels punctuating the sinuous rhythm of the installation cabinets and shelves. The everyday objects of Finnish design and manufacture are composed into both singular and serial displays of the actual things – available for both the eye and the hand.



LAMINATE 12

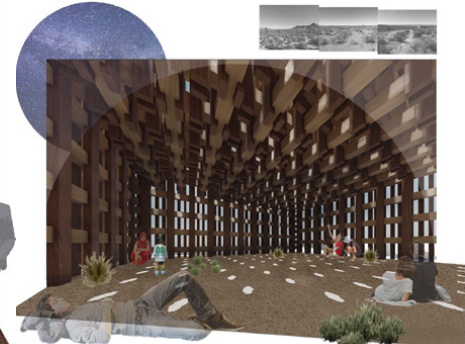
- Ponderosa Pine
- Douglas Fir
- White Oak



LAMINATE 13



LAMINATE 14

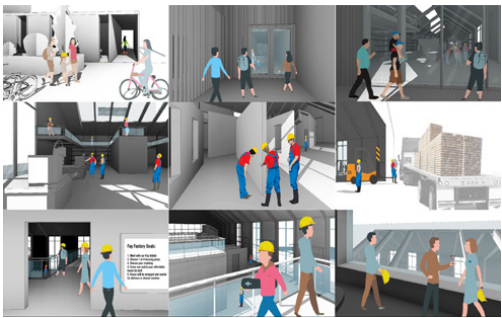
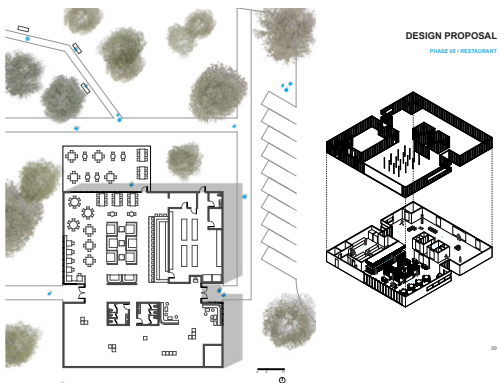


## LAMINATE

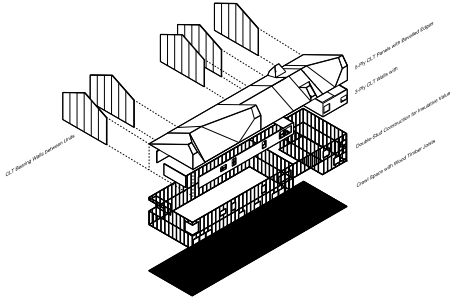
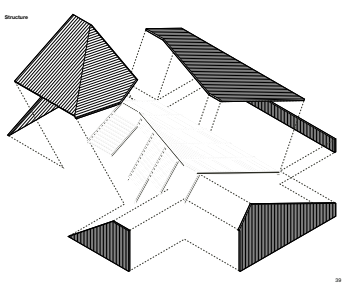
### Design, Innovation, & Identity in Timber & Wood

Fay Jones School of Architecture + Design  
 University of Arkansas  
 Fayetteville, Arkansas, USA  
 Fay Jones School Distinguished Practice in Timber and Wood Innovation:  
 LEVER Architecture / Portland, Oregon  
 Thomas Robinson, Doug Sheets, Chandra Robinson  
 Fay Jones School Professor of Architecture and Dean: Peter MacKeith  
 Fay Jones School Wood Fabrication Specialist: Justin Tucker  
 Consulting Engineers and Fabricators: Fast & Epps Engineers / StructureLam Manufacturing / CutMyTimber Fabrication / Transsolar

This advanced undergraduate design studio, intended for students in all disciplines, will examine and articulate the inter-related issues of personal identity and public engagement, working in design through the transformative material medium of wood. The studio will consist of a series of researched visual and verbal investigations, scaled material constructions, and tectonic architectural designs. The individual identity and voice of each student and the diverse and inclusive identity of the national community will be drawn out over the course of the semester: the proposition of the studio is that the material laminations of timber and wood products can be analogues for the layered identity of an individual and the layered character of the United States. The studio will be committed to the reality of material and the reality of contemporary life: a constant emphasis, based upon the current mode of design education under pandemic conditions, will be the mediation between "the virtual" and "the real" in design and construction, between the mind and hands of the designer and the mind and hands of those fabricating and constructing, between the means of representation and the means of material realization, between the means of constructing and the constructed meaning. The studio is to be understood as a "design-build" studio, in that as much as possible a 1 to 1 scalar emphasis in design and construction will be the prevailing mode of design development and realization. All projects assigned during the semester will possess a three-dimensional, constructed quality, across a range of time-frames, sizes, techniques, and materials. These projects will be achievable in any mode of teaching and learning. Project time-frames will range from one day research exercises to a six-week detailed design to semester-long assignments.



- 1. Truck Delivery / Pick-up
- 2. Assembly Zone
- 3. Small Kitchens / Dining
- 4. Classroom
- 5. Viewing Porch
- 6. Circulation Tower
- 7. Lobby / Reception for Learning Center
- 8. Offices / Meeting Spaces
- 9. Storage Deck
- 10. Classrooms (w/ CLT Rotating Panels)
- 11. Trail and Pedestrian Access
- 12. Viewing Deck (2nd Floor)
- 13. City Deck



**LAMINATE**  
*Social Justice, Climate Justice, Design Futures in Timber and Wood Innovation*

Fay Jones School of Architecture + Design  
 University of Arkansas  
 Fayetteville, Arkansas, USA

Fay Jones School Distinguished Professor in Timber and Wood Innovation:  
 Waugh Thistleton / London, England: Andrew Waugh, Dave Lomax and Rebecca Sawcer  
 Fay Jones School Professor of Architecture and Dean: Peter MacKeith  
 Fay Jones School Visiting Professor: Bradford Payne

This advanced undergraduate design studio, intended for students in all disciplines, will examine and articulate the inter-related issues of personal identity and public engagement, working in design through the transformative material medium of wood. The studio will consist of a series of researched visual and verbal investigations, scaled material constructions, and tectonic architectural designs. The individual identity and voice of each student and the diverse and inclusive identity of the national community will be drawn out over the course of the semester: the proposition of the studio is that the material laminations of timber and wood products can be analogues for the layered identity of an individual and the layered character of the United States. The studio will be committed to the reality of material and the reality of contemporary life: a constant emphasis, based upon the current mode of design education under pandemic conditions, will be the mediation between "the virtual" and "the real" in design and construction, between the mind and hands of the designer and the mind and hands of those fabricating and constructing, between the means of representation and the means of material realization, between the means of constructing and the constructed meaning. The studio is to be understood as a "design-build" studio, in that as much as possible a 1 to 1 scalar emphasis in design and construction will be the prevailing mode of design development and realization. All projects assigned during the semester will possess a three-dimensional, constructed quality, across a range of time-frames, sizes, techniques, and materials. These projects will be achievable in any mode of teaching and learning. Project time-frames will range from one day research exercises to a six-week detailed design to semester-long assignments.



**Peter MacKeith**  
 Dean and Professor of Architecture  
 Fay Jones School of Architecture + Design  
 University of Arkansas

The Anthony Timberlands Center for Design and Materials Innovation is a major building initiative undertaken by the Fay Jones School of Architecture and Design at the University of Arkansas, as well as an existing element in its program towards design and construction. Bringing a wealth of knowledge, technical resources and to be a new wood product research and development.

The project, made possible by a generous lead gift from John G. and Susan Arberry, leading Arkansas citizens in its timber industry and its creative culture, with matching funds from the University of Arkansas and its Chancellor, Dr. Joseph B. Cantelero, and subsequently the Arkansas Building from Governor Asa Hutchinson and the Office of the Governor of Arkansas, will be a center for research and product research and development, with particular focus on Arkansas wood and timber and wood in the greater good of the Arkansas environment and economy. School of Art and University student.

The new applied research center will serve as the epicenter for the Fay Jones School's multiple timber and wood design initiatives, house the school's existing and expanding design-build program and fabrication technologies laboratories, and serve as the new home to the school's emerging graduate program in timber and wood design.

The six finalists - culled from 69 submissions from 10 countries - were selected based on the design excellence of the individual architect or practice at the national and even international level, as well as demonstrated achievements in innovation with materials and construction. All six finalists are accomplished in both professional practice and architecture education.

The design competition is funded in large part by a grant from the U.S. Forest Service and the U.S. Endowment for Forestry and Communities.

Following the competition deadline of January 31, an internationally recognized panel of qualified reviewers provided the final reviews mandated by the procurement process. The six practices were selected, encouraged conceptual research and develop an appropriate Arkansas architecture practice partner to accompany their submission and to work toward such as a team, should their candidate be recommended to the University of Arkansas Board of Trustees for approval.

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The project goals upon the rapid and productive completion of the Fay Jones School and the University of Arkansas is to encourage innovative timber economy - in the manufacturing, as well as, of a high-contrast culture that generally - is achieved through the existing research and service areas of the School's faculty and students, and the demonstration of exemplary leadership in a range design and construction approach and new building.

The Request for Qualifications for the project, released in October, 2019, in accordance with university procurement guidelines, generated an extraordinary list of submissions from architecture design practices from across the globe, the nation and the world, including those of the world's leading practices. The intent of these submissions is to demonstrate the best practices to be considered for the competition.

On the basis of initial funding provided by the U.S. Endowment for Forestry and Communities and a matching grant from the U.S. Forest Service, the University of Arkansas is pleased to announce the identification of a support of innovative timber design and construction.

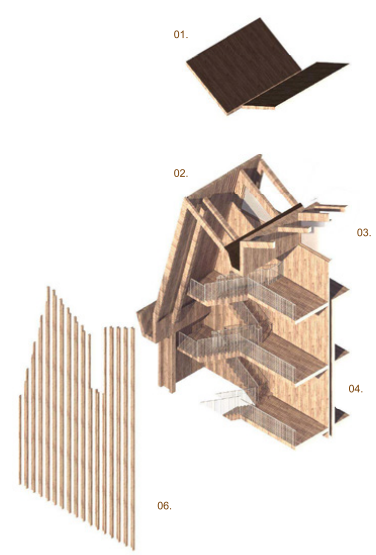


## ANTHONY TIMBERLANDS CENTER FOR DESIGN + MATERIALS INNOVATION

*Design Competition and Exhibition*  
 Fay Jones School of Architecture + Design  
 University of Arkansas  
 Fayetteville, Arkansas, USA

After envisioning a new design and materials innovation center for the Fay Jones School, I secured an initial private donation of \$7.5 million and matching funds from the University of Arkansas which allowed the project, no known as the Anthony Timberlands Center for Design and Materials Innovation, to begin in earnest. With Project Representative Jonathan Boelkins, a faculty member in Architecture, I wrote the Request for Qualifications which received four times as many responses from architects around the world (69 firms from 11 countries) and resulted in six finalists being selected for a Design Competition. This innovative process was fully public, with each finalist presenting their design proposals not only to our students and faculty, but were open to the broader community and published online. Ultimately, the Pritzker Prize winning firm of Grafton Architects of Dublin, Ireland, were selected as the winner.

The Anthony Timberlands Center will serve several purposes: It will serve as home to the Fay Jones School's graduate program in timber and wood design and serve as the epicenter for the school's multiple timber and wood initiatives. It will also house the school's existing design-build program and digital fabrication laboratory, as well as a new applied research center. Given the State of Arkansas's role as one of the nation's leading producers of timber and forest products, the focus of the applied design research center will, in large part, be in wood design and innovation, although other material types will be included. The Anthony Timberlands Center represents a remarkable opportunity to embrace the high ideals and ambitions of the university and the principles of the Fay Jones School by directly illustrating a vision for the future of the school and the 21st-century university in its form and character, rather than nostalgia for the past. The inherently contemporary nature of this project demands both an intensely speculative design process and engagement of best practices in design and construction. Taken together, the Anthony Center will be both of its time and looking ahead to a world designed to be humane, beautiful, and enduring, by being interdisciplinary, diverse, and collaborative.



**ANTHONY TIMBERLANDS CENTER FOR DESIGN  
+ MATERIALS INNOVATION**

*Building Commission (ongoing)*  
Executive Sponsor  
Fay Jones School of Architecture + Design  
University of Arkansas  
Fayetteville, Arkansas, USA

As the Executive Sponsor of the ongoing Anthony Timberlands Center for Design and Materials Innovation, I direct the overall design process (currently in Design Development,) facilitate interaction of the Design Team with students, staff, faculty, and other administrators, and continue to raise funds for the project. Conceived from the beginning as an important didactic opportunity, members of the Design Team have regularly interacted with students in my courses and in those of other faculty. For example, during the LAMINATE studio I taught with Andrew Waugh of Waugh Thistleton of London (one of the finalists in the Design Competition for the Anthony Center) we invited Kelly Harrison, an engineer with Whitby Wood, also from London, the structural engineers for the Anthony Timberlands Center. In this way, our students are already benefiting from the innovative design of the building, before construction has even begun.

# LAMINATE

Conference on Timber and Wood Design Education  
Pedagogy, Research and Construction

December 5, 2020

Laminate: transitive verb:

- to make something by uniting superposed layers of one or more materials;
- to unite (layers of material) by an adhesive or other means

Laminate: noun: a product made by laminating

09:00 – 10:30 am CDT

## Session 1

**Organizer / Welcome and Statement of Purpose:** Peter MacKeith, University of Arkansas  
**Moderator /** Michael Goergen, US Endowment for Forests and Communities

### Speakers:

**Anna Lisa Meyboom /** University of British Columbia  
**Susan Jones /** University of Washington  
**Jacob Gines /** Mississippi State University  
**Donald Stone /** University of Wisconsin  
**Jennifer Bonner, Hanif Kara /** Harvard  
**Russell Gentry /** Georgia Tech  
**P. Heikkinen, P. Tidwell /** Aalto University

HOST:



SPONSORS:



11:00 – 12:30 pm CDT

## Session 2

**Organizer / Welcome and Statement of Purpose:** Peter MacKeith, University of Arkansas  
**Moderator /** Jennifer Cover, WoodWorks

### Speakers:

**Judith Sheine, Iain MacDonald /** University of Oregon, Oregon State  
**Ryan Smith /** Washington State University  
**Brian Via, David Kennedy /** Auburn  
**Peter MacKeith, Jonathan Boelkins /** University of Arkansas  
**Chris Meyer /** University of Miami  
**Dustin Albright, Pat Layton /** Clemson  
**Robert Hairstans /** Edinburgh Napier  
**Ted Kesik, Anne Koven /** University of Toronto

13:00 – 14:30 pm CDT

## Session 3

**Organizer / Welcome and Statement of Purpose:** Peter MacKeith, University of Arkansas  
**Moderator /** Lori Koch, American Wood Council

### Speakers:

**Guido Wimmer /** University of Northern British Columbia  
**Christine Theodoropoulos, John Lawson /** California Polytechnic San Luis Obispo  
**Ulrich Dangel /** University of Texas  
**Kiel Moe /** McGill  
**Alan Organschi /** Yale  
**William Davids /** University of Maine  
**Zachary Mollica /** Architectural Association

## LAMINATE

**Conference on Timber and Wood Design Education**

December 2020

Fay Jones School of Architecture + Design (and online)

University of Arkansas

Fayetteville, Arkansas, USA

The Fay Jones School of Architecture and Design, University of Arkansas, and the US Endowment for Forestry and Communities, together with the American Wood Council, the Softwood Lumber Board, and WoodWorks, have long envisioned an academic design research conference to gather, align and unify the growing number of schools doing important work in timber and wood focused design teaching and design research. The ambition of this academic conference would be to focus on the construction of successful architecture, design, and engineering curricula, and to empower and expand design research efforts in timber and wood.

As a step towards forward progress, even in these constrained conditions, we have worked together to frame this consortium conference as a virtual conference to be held still within this current year. We write now to invite your participation as a panelist and presenter on behalf of your school or program's design and education research in timber and wood. For this first step towards an ongoing discussion and collaboration, we have a simple goal: for each of us to bring our work to a common table in collegial discussion, so as to understand the current state of timber and wood design education and research in North America.

To this end, we have envisioned a series of focus group panel discussions, all occurring across the same day: Saturday, December 5th, 2020. The format of the day, and the format of these presentations, is intended to be low-key, informative and productive, and does not require much advance preparation. Participants are being invited from all regions of North America and selected programs in Europe.

**INNOVATE ARKANSAS** TIMBER AND WOOD CONFERENCE

the Fay Jones School of Architecture + Design  
at the University of Arkansas  
with  
the School of Forestry and Natural Resources,  
University of Arkansas at Monticello  
and  
the Arkansas Forest Resources Center,  
University of Arkansas System Division of Agriculture

Invite your participation in a  
one-day conference

**Innovate Arkansas**  
Timber and Wood  
Design, Construction, Production

**Friday, August 19, 2016**  
9 a.m. to 5 p.m.  
University of Arkansas System Offices  
2404 N. University Ave.  
Little Rock, Arkansas

RSVP to: las@uark.edu  
Further information and conference program forthcoming on July 15  
Photo Courtesy Arkansas Department of Parks and Tourism



The Fay Jones School of Architecture + Design  
University of Arkansas

**70th Anniversary Symposium**  
"New Languages of Wood"  
August 26-27, 2016

**Friday, August 26**  
5-6:30 p.m.  
Faulkner Performing Arts Center  
"The Beauty and Mystery of the 2 x 4"  
Billie Faircloth / architect / Kieran Timberlake, Philadelphia  
"Case Study Design Building"  
Andrea Leers / Leers Weinzapfel Associates / Boston  
"Frank Lloyd Wright: An Architecture of Wood"  
Robert McCarter / architect, educator / Washington University in St Louis

**Saturday, August 27**  
9 a.m. to 1 p.m.  
Shollmier Hall, Vol Walker Hall

**Projects**  
Thomas Robinson / LEVER Architecture / Portland  
Amir Shahrokhi / SHoP / New York  
Jesus Vassallo / Rice University / Houston

**Research**  
Ulrich Dangel / University of Texas at Austin / "Turning Point in Timber Construction"  
Joseph Mayo / University of Washington at Seattle / "Solid Wood"  
Alan Organschi / Yale University / "Timber City"  
Benton Johnston / SOM Research Group, Chicago / "The Tall Timber Building"

**Education**  
Nancy Chang / University of Oregon  
Kate Schwennsen / Clemson University  
Pekka Heikkinen / Aalto University  
Zac Mollica / Architectural Association

Registration is free. For information, visit fayjones.uark.edu.  
Deltic Timber is the lead sponsor of the "New Languages of Wood" Symposium.

**MASS TIMBER** PROFESSIONAL EDUCATION SEMINAR  
**Design, Construction & Production**  
December 15, 2017 8:30 am - 5:30 pm  
Shollmier Auditorium, Vol Walker Hall

8:30 am	Coffee / Check-in		
9:00 am	Opening remarks	Peter MacKeith	Dean FJSOA+D
9:15 am	University of Arkansas Mass Timber Projects	Chris Baribeau, AIA Roger Boskus, AIA	Principal Modus Studio Principal Miller, Boskus, Lack
10:00 am	Production & Distribution Current Projects	Helmut Spiehs Antonio Guariento	Managing Director Biederholz GmbH Principal HolzPAK LLC
11:00 am	UA Projects Panel Discussion		
11:30 am	Lunch & Networking		
12:15 pm	Opening remarks	Peter MacKeith	Dean
12:30 pm	FJSOA+D Teaching and Research	Tahar Messadi, PhD Kim Furlong Jonathan Boelkins, AIA	Faculty Faculty Faculty
1:00 pm	Development & Construction: Case Studies	Jeff Morrow	Program Manager LendLease
2:00 pm	Coffee		
2:15 pm	Mass Timber Construction Products, Performance & Design	Mark Bartlett, PE	Regional Director WoodWorks
4:15 pm	Review & Discussion		
4:30 pm	Reception	Smith Gallery, Vol Walker Hall	

Free registration / limited seating / parking reservation upon registration.  
For further information and to register, email: las@uark.edu  
AIA HSW continuing education credits available.

**TIMBER!**  
SYMPOSIUM:  
DESIGN  
EXCELLENCE  
IN TIMBER  
AND WOOD

**OCTOBER 4-6, 2019**  
TIMBERDESIGNEXCELLENCE.ORG



**PUBLIC EDUCATION**

- Innovate Arkansas: Timber and Wood Design, Construction, Production**  
August 2016
- 70th Anniversary Symposium "New Languages of Wood"**  
August, 2016
- Design Construction & Production: A Professional Education Seminar**  
December 2017
- Timber! Symposium: Design Excellence in Timber and Wood**  
October 2019

The New Languages of Wood symposium focused on "new languages of wood" in contemporary architecture and engineering design. The symposium intends to educate, demonstrate and inspire an audience of students, professionals, timber and wood industrialists, state and federal agencies, and the larger public.

The Fay Jones School of Architecture and Design hosted a professional education seminar, "Mass Timber: Design, Construction and Production," in the Ken and Linda Sue Shollmier Hall inside Vol Walker Hall on the University of Arkansas campus on Dec. 15. The seminar featured professionals from all aspects of the timber industry discussing the rapidly expanding field of mass timber design and construction. More than 100 architects, engineers, contractors and developers from the region attended the daylong seminar.

The University of Arkansas Fay Jones School of Architecture and Design and the U.S. Forest Service hosted a symposium and workshop October 4-6, 2019, bringing together an international cohort of architects and engineers whose work specifically in wood demonstrates excellence in design and innovation. This three-day summit will feature 15 internationally recognized architects and engineers whose designs in wood best illustrate the beauty and potential of wood in general and of mass timber specifically. By gathering these prominent designers and focusing their expertise and experience, the symposium seeks to elevate the perception of mass timber and wood innovation in the design community and advance its use overall.



**LIGHTHOUSES**  
*Adventures on the Mississippi*  
 Washington University in St. Louis  
 St. Louis, Missouri  
 Spring 2007

This advanced undergraduate design studio examines and articulates the many-layered material identity of the lower Mississippi River - from the Cahkoia Mounds to the Delta - through a series of researched visual investigations scaled material constructions, and tectonic architectural designs located at significant river transects and urban sites along this nearly 1,000 mile length of flowing river water. The centrality of the River to the identity of the larger regional and national contexts (historical, geographical, and cultural) as well as to the individual identity of each student, is drawn out over the course of the semester.

**2007-2008 ACSA AWARD FOR CREATIVE ACHIEVEMENT IN DESIGN EDUCATION**

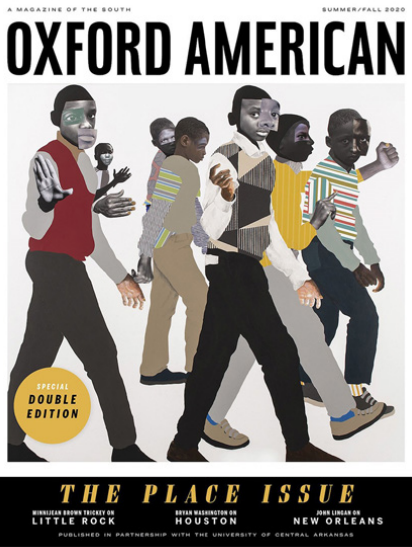


**LIGHTHOUSES**  
*Furnishing Ljubljana*  
 University of Ljubljana  
 Ljubljana, Slovenia  
 Fall 1998

As Visiting Professor at the Faculty of Architecture at the University of Ljubljana, Slovenia, for the second time, I had an opportunity to provide 15 students with a combination of teaching in design studio and an architectural theory seminar. Given Slovenia's then recent independence from the former Yugoslavia, my own lack of knowledge about Slovenia and its capital city, Ljubljana, and my reflections of cultural identity, architecture, urban design and design-build teaching, I determined to ask the students to design and construct a series of "identifiers" for themselves, their school, and the city.







**A SOUTH FORTY**

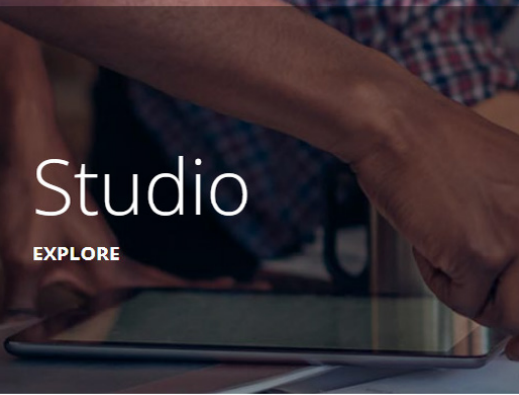
**Contemporary Architecture and Design in the American South**

European Cultural Centre  
 Venice, Italy  
 May - November, 2021  
 Exhibition Curator: Peter MacKeith, Dean and Professor at the Fay Jones School of Architecture and Design at the University of Arkansas  
 Exhibition Architecture: Jonathan Boelkins Architect  
 Graphic Design: DOXA Vantage

Based on my essay originally published in OXFORD AMERICAN, and now featured in an exhibition as part of the "TIME SPACE EXISTENCE" exhibition for the 2021 Venice Architecture Biennale at the European Cultural Center, 'A South Forty: Contemporary Architecture and Design in the American South' tells a contemporary "story," centered on the development of architecture and design in the American South over the last generation (from 1990 forward) as the region undergoes rapid economic and population growth, withstands and recovers from multiple natural disasters, and discovers a more complex and diverse identity amidst the historical societal traditions and conventions. Such a mapping of the American South in these terms opens new and essential territories for work in architecture – more positive, empowering, engaged, sensitive and aware work altogether. Geographically, A SOUTH FORTY is organized along the armature of US Highway 40, running west from the North Carolina Atlantic seacoast through the southeastern states to an inflection point in Oklahoma. Approximately forty participating practices in the exhibition are drawn from the larger southeastern region along this latitude.

The "story" of A SOUTH FORTY is also one of place-based design, attentive to the necessities of climate, materials, labor, and purpose, but also attentive to overlooked or undervalued typologies, constituencies, and locales. While there is the surge of new urban centers and suburban peripheries as conditions to address in the region, there also is a new appreciation for the smaller communities and rural or even wilderness landscapes as productive sites for distinctive work. As well, while design excellence has been achieved by many practices at the residential scale, the greater emphasis in the exhibition is to be seen at the public scale, in the civic realm, through the accomplishment of buildings and projects of strength, durability and value for the communities in which they are situated.





# Studio

EXPLORE



# Symposium

INFORM



# Competition

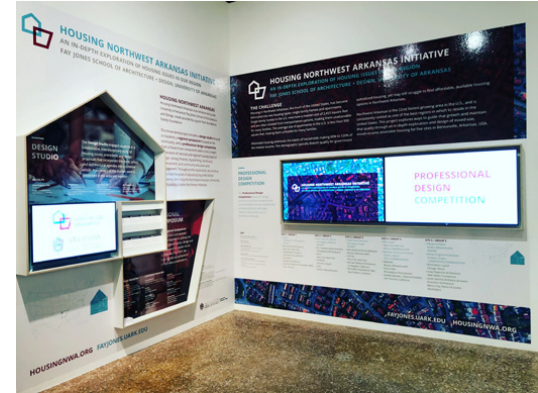
ADVANCE



The **Design Studio** will engage students in the study of housing issues and precedents that incorporate the social, urban, and architectural agendas into a cohesive whole. Student work will be uploaded here throughout the semester.

The **Regional Symposium** will bring local and national experts together to address the current state of policy, design and development in a public forum.

The **Professional Design Competition** will invite design professionals to present mixed-income and attainable housing solutions that embrace the local challenges, culture, values, and vision of Northwest Arkansas. Entries will be uploaded to the website at the end of the competition.



## HOUSING NORTHWEST ARKANSAS

*An In-Depth Exploration Of Housing Issues In Our Region*

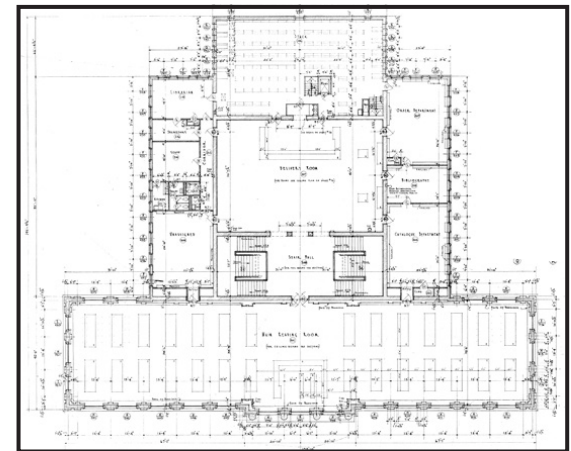
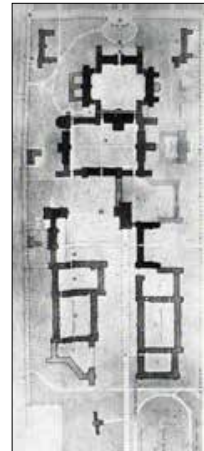
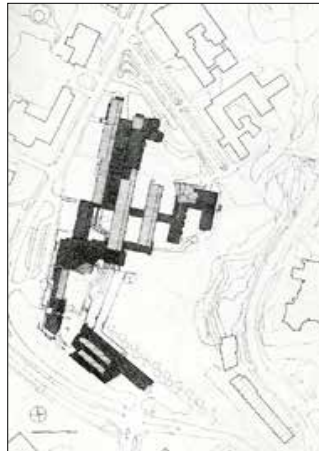
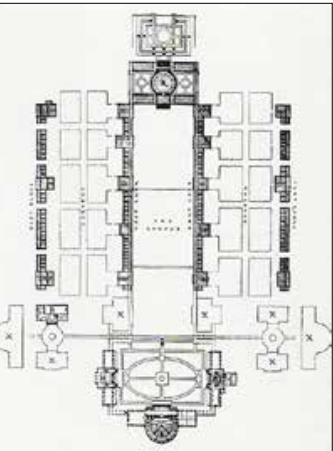


The Housing Northwest Arkansas Initiative is a three-tiered project consisting of an advanced design studio focused on education, a regional symposium focused on the community, and a national design competition for professionals focused on advancing the ideas of the studio and the discussions of the symposium into actual development. Each of these three components adds to the in-depth exploration of national and regional housing issues of design, zoning, finance, city planning, community development, and community education and engagement. Throughout this exploration, we continue to pursue the goals of educating Fay Jones School students, informing the Northwest Arkansas community, and building a better Northwest Arkansas.

### THE CHALLENGE

Housing in Northwest Arkansas, like much of the United States, has become bifurcated into two housing types: single-family homes and apartments. Single-family homes in the U.S. now have a median size of 2,453 square feet and are often isolated from transportation options, making them unattainable for many families. The average size of apartments in the U.S. is less than 900 square feet, making them unlivable for many families.

Attainable housing addresses the needs of households making 60% to 120% of the median income. This demographic typically doesn't qualify for government subsidized housing, yet may still struggle to find affordable, available housing options in Northwest Arkansas.



## ARCHITECTURE and IDENTITY

Since entering higher education in 1977, I have spent much of my learning, teaching and working life in five academic institutions, each of them notable for their campus plans and architectural quality: the University of Virginia, Yale University, the Helsinki University of Technology, and Washington University in St. Louis, and the University of Arkansas. Despite their apparent differences in appearance, and distinctions in historical and geographical terms, the common ground of these designed universities is their clear intention to provide an architectural form consonant with educational ideals. The universities physically embody their ambitions and identities, through form, material, detail and landscape.

Education is a process of self-identification, and architectural education is perhaps even more intense in this process. To work in architectural education within these significant institutional settings has been a privilege, but it has also been an ongoing education in the nature of education itself, in the teaching and learning mission of both students and faculty, and in achieving a deeper understanding of my own identity as a design educator.