

Wyly Goodman Brown AIA, NCARB, ByAK (Bavarian Architecture Guild)

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Founding Partner
Leupold Brown Goldbach Architects s
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Education:

2001-2006	Harvard University Graduate School of Design , Master of Architecture
1996-1999	University of Massachusetts Amherst , Bachelor of Arts in Anthropology <i>Summa cum Laude</i> / Commonwealth Scholar / Interdepartmental Honors
1997 - 1998	University of Lapland , Arctic Center, Rovaniemi, Finland, Arctic Studies Certificate

Professional Licensure:

2018-	Licensure, USA: NCARB Certified, American Architecture Institute (AIA)
2012-	Licensure, Germany : Bavarian Architecture Guild (ByAK)

Academic / Teaching / Research Appointments:

2019- Present	Washington University in St Louis , School of Architecture, St Louis, USA Assistant Professor of Architecture (Tenure-Track)
2018-2019	Massachusetts College of Art , Department of Architecture, Boston, USA Adjunct Professor
2010-2016	Technical University Munich , Chair of Architectural Informatics, Munich, Germany Adjunct Professor
2007-2008	University of Stuttgart , Institute of Lightweight Structures (ILEK), Germany Research Assistant / Lecturer
2006-2007	German Chancellor Fellow , Alexander von Humboldt Foundation, Bonn, Germany Research Fellowship to Germany
1999	Phi Beta Kappa (Academic Honors Society)

Design Lead & Use- Inspired Research Projects:

2024-	Multi-story Community Educational Platform of Structural Bamboo Poles A design-build project combining traditional Balinese bamboo construction methods to explore multi-story construction possibilities to build a community classroom in southern Nicaragua
2023-	Indigenous & innovative Bamboo Construction in Indonesia: A design-build workshop U in Bali, Indonesia in collaboration with the indigenous bamboo experts and Bamboo to explore a variety of traditional and innovative bamboo construction techniques. In addition, we designed, constructed, and field-tested a 10-meter bamboo truss.
2023	“Weatherbreak: Assembling History In 1950 “Weatherbreak” was built becoming the first large-span self- supporting geodesic dome. In collaboration with Catholic University of America and the Smithsonian Institute, we re-assembled the original “Weatherbreak” at the National Museum of American History
2022-	Bamboo as an Innovative Sustainable Structural Material: In collaboration with department of Forest Engineering at the Tecnológico de Costa Rica, as well as Costa Rican experts in bamboo construction this is investigation into the structural potential of using bamboo to build a series of

- structural domes and trusses as a carbon negative structural alternative to steel and aluminum
- 2022- **Materials of Memory: A Pavilion for Peace Park:**
In collaboration with Green City Coalition, the Urban League, McCarthy Construction, and the College Hill community, the design and construction of a gateway pavilion translating indigenous bamboo construction techniques into an innovative community-based construction experience to students and local residents
- 2022-2023 **Bamboo Dome**
A design build project combining the structural efficiency of the geodesic dome with indigenous bamboo construction techniques to build an outdoor learning platform in the cloud forest of Costa Rica
- 2020- **St Louis Bamboo: Urban forestry of timber bamboo to produce fast growing, carbon positive, and renewable architectural materials**
The creation of a visual exhibition and presentation that explores the ecological, social, and economic benefits of planting and commercially harvesting timber bamboo on vacant brownfield lots in the City of St Louis.
- 2019-present **Revisiting the Geodesic:**
A contemporary design exploration of R. Buckminster Fuller’s investigation of the geodesic geometry considering material use, digital fabrication, parametric design tools, delivery methods, and environmental impact.
- 2018-2019 **Greenhouse on Hope Garden:**
In collaboration with Boston Food Forest Organization and Youthbuild, this is a “Design as Research” project to construct a community greenhouse on a vacant lot in the City of Boston as a community-based construction opportunity for architecture students and local residents.

Professional Architecture Experience / Service Appointments:

2018-present **National Council of Architectural Registration Boards (NCARB)**

selected member of Futures Collaborative Committee	2021- 2025
participated in organization of NCARBs Future’s Symposium	2023
selected member of Program Continuum Advisory Committee	2020-2021
selected member of the Experience Committee	2019-2021
selected member of the “Re-Think Tank”	2018-2019

2012-present **Leupold Brown Goldbach Architekten (LBGO), Munich & Stuttgart, Germany & St Louis, MO, USA www.lbgo.de**

Principal & Founding Partner

By the numbers:

- 3 Founding Partners
- 22 Employees
- 239 Commissioned Projects
- 107 Architectural Competitions

Regions:

- 25 in North America
- 297 In Europe
- 1 in Africa
- 4 in Asia

Typologies:

103 Commercial / Mixed-use projects
 67 Multi-family Housing projects
 57 Single Family
 26 Restaurants / Dining
 28 Educational institutions
 17 Cultural Institutions
 13 Sports facilities

Selected Projects participated in as Principal at LBGO:

Completed 2023

26 Unit Multi-family Affordable Housing – 30,000sqft - Norwell, MA USA
Single Family Renovation- 5,000sqft, Arlington, MA US
Mixed-Use Urban development – 1,200,000sqft, Rosenheim, Germany

Completed 2021

Energy Positive Affordable Housing- 6,000sqft, LEED Platinum, Boston, USA
5 Unit Affordable Multi- Family Renovation- 7,000sqft, Brookline, MA, USA
Energy Positive Two-Family Renovation- 5,000sqft, Brookline, MA, USA
Single Family Renovation- 4,500sqft, Brookline, MA, USA

Completed 2020

10 unit Affordable Multifamily Renovation- 12,000sqft, Mattapan, MA, USA
Modular Elementary School- 15,000sqft, Moosach Germany
Timber Kindergarten & Elementary School - 28,000sqft, Senden, Germany
18 Restaurants /Dining at the Munich Expo- 36,000sqft, Munich, Germany
Low Energy Supermarket- 19,000sqft, Weyarn, Germany
65 Unit Affordable Townhouses- 90,000sqft, Weyarn, Germany

Completed 2019

Restaurant / Dining Interior and Patio- 3,000sqft, Mattapan, MA USA
Artist Live/Work- 4500sqft, New York City, NY, USA
Adaptive Reuse of School- 35,000sqft, Housatonic, MA USA

Completed 2018

Portable Parklet in Urban Center- 500sqft, Mattapan, MA, USA
Mixed- Used Adaptive Reuse- 3500sqft, Plymouth, MA, USA
60 Unit Multi-Generation Homes -70,000sqft, Weyarn, Germany

Completed 2017

Urban Design near Historic downtown- 350,000sqft, Salem, MA, USA
Mixed-use Development- 60,000sqft, Salem, MA, USA
Adaptive Reuse of historic Mill building- 275,000sqft, North Andover, MA, USA
Mixed-use adaptive reuse of historic houses- 55,000sqft, Danvers, MA, USA
Office interior Design- 10,000sqft, Lexington, MA, USA
Low-Energy Single Family Renovation- 1,200sfqt, Brewster, MA, USA
7 Unit Energy Positive Multi Family- 12,000sqft, Munich, Germany
Repeatable Model Home Design – 8,000sqft, Addis Abeba, Ethiopia

Completed 2016

Deep-energy retrofit of multi-family- 50,000sqft, Munich, Germany
Interior design of Media Studio- 3,000sqft, Doha, Qatar
Hotel & Adaptive Reuse of historic Mill Building– 20,000sqft, Kolbermoor,

Germany

Office Design for Toy Company- 4,000sqft, Munich, Germany

Selected Juried Design Competitions participated in as Principal at LBGO:

2021	Public Pool - 25,000sqft Leinfelden-Echterdingen, Germany	1st place
	Deep-Energy Residential Retrofit - 8,000sqft- Boston, MA, USA	2nd place
	Mixed Use Development – Urban design - Munch, Germany	2nd place
2020	Public Childcare Center – 40,000sqft- B. Warthausen, Germany	1st place
	Mixed-Use Urban Development Plan - 200,000sqft- Puchheim, Germany	3rd place
2018	Pre-school / Kindergarten - 28,000sqft Senden, Germany	1st place
	Pre-school / Kindergarten - 18,000sqft, Warthausen, Germany	1st place
2017	Energy Positive Affordable Housing - 6,000sqft, Boston, MA, USA	1st place
	Mixed Use Urban Renewal - 120,000sqft, Rosenheim, Germany	2nd place
	Low Energy Adaptive Reuse Gallery - 4000sqft, Kaiserslautern, Germany	2nd place
2016	Low Energy Affordable Housing - 60,000sfqt Augsburg, German	4th Place
	Low Energy Pre-School - 15,000sfqt, Kempton, Germany	1st place
	Elementary school + Gymnasium - 35,000sqft Neuhausen, Germany	3rd place
	Mixed Use Urban Development Design - Erlangen, Germany	3rd place
2015	Exposition stand for Expo , 5,000sqft, Munich, Germany	1st place
	Youth Center - 5,000sqft, Meppen, Germany	1st place
	Supermarket - 20,000sfqt, Bad Heilbrunn, Germany	2nd place
2014	Sports Center - 50,000sqft, Lahr, Germany,	3rd place

2008-2012 **Behnisch Architekten**, Stuttgart, Germany

www.behnisch.com

Senior Project Architect

Selected Projects Participated in as Senior Project Architect at Behnsich

Secondary School- 80,000sqft, Ergolding, Germany

Max-Aicher Speed Skating Arena- 250,000sqft, Inzell, Germany

Lightweight Cable-net Event Space- 30,000sqft, Kolbermoor, Germany

Selected Juried Design Competitions Participated In at Behnisch

Commercial Banking Complex, 120,000sqft, Nurnberg, Germany

4th place

Secondary School- 80,000sqft, Ergolding, Germany

1st place

Outdoor Swimming Center- 40,000sqft, Kassel, Germany

2nd place

2005-2006 **Kennedy & Violich Architecture**, Boston, MA, USA

www.kvarch.net

Architectural Intern

International/ National Awards for Designs

2024 **William H Danforth St Louis Confluence Award – Here and Next**

Nominated- Regional Award, St Louis, USA

2023 **William H Danforth St Louis Confluence Award – Here and Next**

Top 10 Nominees- Regional Award, St Louis, USA

2021 **Boston Society of Architects Sustainability Design Awards**

Citation for “36-38 Colonial Avenue”

Regional Award, Massachusetts, USA

Jurors Include:Tamar Warburg of **Sasaki**

Gadawski of **HMFH Architects**

Nereyda Rodriguez of **Miller Dyer Spears Architects**
Miller Dyer Spears Architects of **The Green Engineer**

Dwell Magazine Andersen Windows “Bright Ideas” Award

Nominated in category - Multifamily Houses

“36-38 Colonial Avenue” Boston, Massachusetts

National Award, USA

Jurors include: Ravi Raj of **RARARA**

Lisa Iwamoto of **IwamotoScott**

E.B. min of **Min Design**

Rebecca Rudolph of **Design, Bitches**

Kevin Kudo-King of **Olson Kundig**

2020

Rosenheim Wood Construction Prize:

Nomination for “Timber Lattice Barn” project Aubenhausen, Germany

Nomination for “Edeka Supermarket” Weyarn, Germany

Regional award - Rosenheim, Germany

German Design Award: 1st place in Category: “Multifamily Residence”

“Multi-Generation Homes” Weyarn, Germany

National award- Germany

Polis Award: 3rd place in Category – Social Quartier Development

“Weyarn Town Common” residences Weyarn, Germany

National award, Germany

2018

Design Prize for Building Culture: Honorable Mention

German Federal Foundation of Building Culture

“Village Common” Weyarn, Germany

National Award, Germany

2016

Color in Architecture Award: 1st place - Building for the Community

Bund Deutscher Architekten - “Secondary School” Ergolding, Germany

Prize won as Senior Project Architect at Behnisch Architects

National Award, Germany

2011

World’s Best Sports Complex 1st place - Sports Complex

World Architecture Festival

“Max Aicher Soeed Skating Arena” Inzell, Germany

Prize won as Senior Project Architect at Behnisch Architects

International Award

2006

Building Excellence Award - Structural Insulated Panel Association (SIPA)

1st place - Creative use of Technology

“Trillium Studios: Photography Studio”

Invited Professional / Academic Presentations:

2024

Latin America Symposium of Bamboo- National University of Costa Rica

Selected presenter

<https://www.simposiobambu.una.ac.cr>

Designing and Testing Structural Bamboo Trusses – Bamboo U, Indonesia

Invited instructor

<https://bamboou.com/designing-and-testing-structural-bamboo-trusses/>

2023

Carbon Positive Solutions Showcase - Missouri Gateway Chapter of USGBC

Invited Presenter

2022

“St Louis Bamboo: Urban forestry of timber bamboo to produce fast growing, carbon positive, and renewable architectural materials” - Invited Presenter

- Washington University in St Louis – Living Earth Collaborative Lecture Series
“Does the Building Industry Need a Paradigm Shift?”- Invited Presenter
 US Green Building Council, Missouri Gateway Chapter - Coffee Break Series
“Designing Housing to Adapt to the Changing Needs of Families Neighborhoods, Cities, and our Natural Environment“ - Invited Presenter
 US Green Building Council, Missouri Gateway Chapter - Evening Program
- 2021 **“Timber- Past, Present & Future”** - Invited ONLINE Presenter
 Catholic University of America – Notre Dame Truss Construction Studio
- 2019 **“Net-Energy-Positive Mixed Income Housing”** - Invited ONLINE Presenter
 US Green Building Council, Missouri Gateway Chapter -Coffee Break
- 2017 **“Decoy and Depictions Images of the Digital”** - Invited Interrogator
 Washington University in St Louis – Sam Fox School for Design & Visual Arts
- 2015 **“Informing Form: Learning from Outside Architecture”** - Invited Presenter
 Tuesday Talks, Massachusetts College of Art, USA
- 2015 **Washington University in St. Louis-** Architour Travel Coordinator
 Semester Abroad Architecture Program in Berlin
 Coordinated architectural tour of Germany for students on semester abroad
- 2007 **“Flat to Form: Use of Grid Shells for Disaster Relief Shelters”**
 Jury Selected Academic Lecture
 Structural Membranes 2007: Barcelona, Spain
- 2004 **“Rapidly-Deployable Disaster Relief”** - Jury Selected Academic Lecture
 Innovative Sheltering, Eindhoven University of Technology, Netherlands
- 2004 **“Portable Light”** -Jury Selected Exhibitor
 Wired Magazine’s “NextFest”, San Francisco, USA

Grants / Research Awards:

- 2023 **Faculty Creative Activities Research Grant** - Sam Fox School \$6,000
 “Reconstructing Weatherbreak“
- 2022 **COVID Faculty Support Grant-** Office of the Vice Provost \$50,000
Global Incubator Seed Grant - McDonnell International Scholars Academy \$25,000
 “Bamboo poles as a sustainable structural material alternative for contemporary innovative mid-span design“
- 2021 **Faculty Teaching Development Awards-** Sam Fox School \$2,500
 “Environmental Systems 2 - Course development “
Faculty Creative Activities Research Grant - Sam Fox School \$6,000
 “St Louis Bamboo“
- 2020 **Divided City Grant** – Urban Humanities Initiative - \$5,000
 “Aerial Perspectives“

Student Awards for Students in Courses Taught

- 2024 **Student Development Award-** Construction Specifications Institute- St. Louis
 First Prize
 'Stations and Skylines' - Mathieu Letendre
- 2020 **The Student Annual Architectural Models + Artifacts (SAAMA) 2020**
 Student work from ARCH 312/412 Option Studio
<https://thesaama.wixsite.com/mysite/2020-s-a-a-m-a-magazine-1>

PUBLISHED REVIEWS List reviews of your work by other authors/critics.

- 2023 **Smithsonian Magazine**

CURRICULUM VITAE (selected)

Wyly Brown

- 2020 “The Architectural Genius of the Geodesic Dome and the Challenge of Putting It All Back Together”
<https://www.smithsonianmag.com/smithsonian-institution/the-architectural-genius-of-the-geodesic-dome-and-the-challenge-of-putting-it-all-back-together-180982492/>
- 2021 **ArchDaily Online:**
“Timber Framed Barn Residence & Meeting Space / Leupold Brown Goldbach Architekten”
<https://www.archdaily.com/936639/timber-framed-barn-residence-and-meeting-space-leupold-brown-goldbach-architekten>
- 2021 **Builder and Architect Magazine- January 2021**
<https://viewer.e-digitaledition.com/i/1330417-january-2021/0>