

## *Curriculum Vitae*

### **Jörg Rügemer, Dipl.-Ing. M.Arch., Associate Professor, Architect AKBW, Assoc. AIA.**

Associate Professor, tenured, School of Architecture, University of Utah  
Founding Director, Design+Build Salt Lake City Program, School of Architecture, University of Utah.  
Founder, Principal, Atelier Jörg Rügemer  
Co-Founder, Head of Architecture, the Aster Eco-Village  
Registered Architect, Chamber of Architects Baden-Württemberg, AKBW, Germany  
EU - License 133502  
Associate Member, American Institute of Architecture AIA

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## **Professional Development**

### **Education**

1995: **Master's Degree of Architecture**  
Southern California Institute of Architecture, Los Angeles, CA

1993: **Diplom-Ingenieur Architekt**  
Department of Architecture, University of Applied Sciences, Cologne, Germany

1985 - 1986: **Study of Meteorology** (no degree)  
Department of Meteorology, University of Cologne, Germany

1984: **Abitur** (High School Degree)  
Gymnasium Erftstadt, Germany

### **Positions Held**

2006 to present: **Associate Professor**, tenured since 2013 (2006-2013 Assistant Professor). College of Architecture + Planning, University of Utah, Salt Lake City, UT.

2001 to present: **Founder, Principal, AJR Atelier Jörg Rügemer**. Architectural firm. Berlin (2001 to 2007); Salt Lake City/Park City (since 2007).

2016 to 2020: **Founding Director**, Design+Build Salt Lake Program. College of Architecture + Planning, University of Utah, Salt Lake City, UT.

2019 to present: **Co-Founder, Head of Architecture**, the Aster Eco-Village, Križevci, Croatia. Entrepreneurial Start-Up for an ecological and carbon-negative village with Farming-to-Table component. [www.astervillage.com](http://www.astervillage.com).

10/2014 - 08/2015: **Visiting Professor**, Building Lifecycle Management BLM at the Karlsruhe Institute for Technology, which is the University of the State of Baden-Württemberg and National Research Center of the Helmholtz Association.

2009 - 2015: **Co-Founder, Associate Director**, Integrated Technology in Architecture Center ITAC. Exploration of the intersection between practice and research in sustainable design to examine the importance of well-designed and highly performing buildings. School of Architecture, University of Utah, Salt Lake City, UT.

2005 - 2006: **Director**, Digital Design; **Assistant Professor**, tenure track. School of Architecture, Florida International University, Miami, FL.

2004 - 2008: **Principal, Director, Co-Founder, KoopX Architects**. Interdisciplinary architectural firm and network for project commissions in China. Berlin, Shanghai.

2004 - 2005: **Visiting Professor**, School of Architecture, University of Applied Sciences, Bremen, Germany.

1999 - 2002: **Visiting Professor** and Chair for CAD and Architectural Design, School of Architecture, Brandenburg University of Technology, Cottbus, Germany.

1997 - 1999: **Assistant Professor**, Institute for the Industrial Production of Buildings, Prof. Dr. Niklaus Kohler. School of Architecture, Karlsruhe University of Technology, Karlsruhe, Germany.

1996 - 1997: **Project Architect**, Bothe Richter Teherani (BRT) Architekten, Hamburg, Germany.

1995 - 1996: **Junior Architect**, Frank O. Gehry and Associates, Santa Monica, CA.

1995: **Freelance collaboration**, Franklin D. Israel, Hak Sik Son Architects. Los Angeles, CA.

1994 - 1996: **Teaching Assistant**, Exploring film/video/computers. Environmental Building Systems. Southern California Institute of Architecture. Los Angeles, CA.

1993 - 1994: **Freelance collaboration**, Baucoop, DT-8 Planungsgruppe, Cologne, Germany.

1991 - 1992: **Junior Designer**, Anshen + Allen Architects, San Francisco, CA.

## Professional Credentials

1997 - 2014: **Registered Architect**, Architektenkammer Nordrhein-Westfalen AKNW. License AKNW 30315. Eligible to practice in all member states of the European Union.

2014 to present: **Registered Architect**, Architektenkammer Baden-Württemberg AKBW. License AKBW 133502. Eligible to practice in all member states of the European Union.

2012 - 2016: **Certified Passive House Consultant CPHC**, Passive House Institute U.S.

## Affiliations

2000 - 2015: **Member of the Board** for Applicants of Scholarships Abroad, German Academic Exchange Service DAAD, Bonn, Germany.

2005 to 2020: **Associate AIA**, The American Institute of Architects.

2020 to present: **International Associate AIA**, The American Institute of Architects.

2008 - 2014: **Member of the Board of Directors**, United States Green Building Council Utah Chapter. Salt Lake City, UT:

- 2011 - 2013: Chapter Secretary
- 2010 - 2011: Chapter Treasurer

2014 to present: **Member**, BTES – The Building Technology Educators Society.

2011 - 2014: **Member**, SBSE – Society of Building Science Educators.

2005 - 2009: **Member**, CAADRIA - Computer Aided Architectural Design Research in Asia.

2001 - 2006: **Member**, ECAADE - Education and research in Computer Aided Architectural Design in Europe.

## Honors and Awards

### Fellow- and Scholarships

2014 - 2015: **Research Fellowship** of the German Academic Exchange Service DAAD, Bonn, Germany, and the Federal Ministry of Education and Research, BMBF Berlin, Germany. Financially supported through a \$60,000 Research Grant.

1993 - 1995: **Full time Graduate Scholarship**: Master program, Southern California Institute of Architecture. German Academic Exchange Service, DAAD, Bonn, Germany.

1992: **Scholarship**: Institut Savoisien d'Etudes Francaises, Annecy, France. Academic Exchange Service, DAAD, Bonn, Germany.

1991 - 1992: **Internship Scholarship**: Anshen + Allen Architects, San Francisco. Carl Duisberg Society (CDG), Cologne, Germany.

## Research and Art Awards, Invention Disclosures

2018: **Alta Sustainability Leadership Award**, Sustainability Community Partnership: The Field of Dreams Eco-Community. University of Utah, Salt Lake City, UT.

2017: **Nominated**, Utah Energy Champion of the year 2018 in the Public Sector Higher Ed with the American Association of Energy Engineers AEE.

05/2017: **Invention Disclosure: Automated Engineering of HVAC & Mechanical Systems**, University of Utah Technology Venture Commercialization, Salt Lake City, UT. U-6070.

12/2017: **Invention Disclosure: Active Building Compact Core**. University of Utah Technology Venture Commercialization, Salt Lake City, UT. U-6070. U-6366.

2014: **Utah Division of Arts & Museums Award: "What is Your Re?"** In collaboration with Charlotte Greub. Salt Lake City, UT.

2013: **Kennecott Copper/Rio Tinto Utah Research Award: „Utah Lab House.“** Salt Lake City, UT.

2009: **American Institute of Architects AIA Upjohn Award: "Energy Efficiency Benchmarks for Housing."** In collaboration with Ryan Smith.

1996: **SCI-Arc Book Research Award: "Lost Las Vegas - Vanishing Relics of a Transient Past."** Southern California Institute of Architecture, Los Angeles, CA.

## Teaching Awards

2015: **Second Prize, VDI-Competition: Integrated Planning: "Energy-Efficient High-rise,"** Verein Deutscher Ingenieure e.V. Karlsruhe Institute of Technology, School of Architecture, Fall Studio: Slim Tower.

2013 - 2014 **ACSA Diversity Achievement Award. „Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah.“** Association of Collegiate Schools of Architecture. In collaboration with Erin Carraher.

2010 - 2011 **ACSA Creative Achievement Award: "Integrated Technology in Architecture Program (ITAP)."** In collaboration with Ryan Smith.

2009: **Professor of the Year Award.** College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2001: **Distinguished Teaching Award, First Prize.** School of Architecture, Brandenburg University of Technology, Cottbus, Germany.

## **Research and Creative Work**

Jörg Rügemer's scholarly field of inquiry is the creative scholarship to application, in which a holistic approach to architecture leads to carefully designed, highly energy-efficient, resilient, and cost-effective architecture, where design is informed and high performance is achieved through research-based process. Within this process, he focuses on the integrated passive energy design of buildings, their construction, Post-Occupancy monitoring and energy/cost analysis, which leads to cost-effective buildings that perform near to or at net-zero, operating as independent from fossil forms of energy as possible. Jörg analyzed design and construction processes in the professional field of architecture, where he observed a lack of communication and understanding between architects, engineers, contractors, and other players involved in these processes. The avoidance of this conceptual split, which also occurs when applying a solely creative or purely scholarly approach to design and construction, allows him to fully apply his research findings towards well-designed, high performance buildings, which then, in return, inform his future research and teaching activities.

### **Funded Research on Sustainable Architecture and Integrated Design**

2018 – 2020: **The Kunga ADU**, first Design+Build Salt Lake project realized. Founding Director, Principal Investigator, instructor. Industry support and in-kind donations **\$35,000** (period 05-10/2019). Additional program support through the College of Architecture and Planning, **\$35,000** (period 08-2019 – 04/2020).

2016 - 2020: **Design+Build Salt Lake City**. Principal Investigator. Salt Lake City Housing Corporation, Housing and Neighborhood development funded, **\$18,260** (period 08-12/2016). College of Architecture and Planning Funded, **\$10,000** (period 01-12/2018).

The program is a newly formed program and immersive experience where students develop, design and construct affordable, energy efficient residential buildings – from the first sketch to the final construction – along local neighborhoods. Design+Build Salt Lake is invested in supporting the communities along the Wasatch Front through engagement, co-design activities and building affordable and energy efficient high-performance housing, teaching students about physical design and construction, and test research questions about affordability, buildability, and energy efficiency performance. At the same time, the program will pursue community-engaged activities that allow neighborhood residents to connect with students and the University of Utah on their terms, strongly focusing on those communities and its commitment to making a significant impact on housing performance and thus affordability within the Salt Lake Valley.

2017 - ongoing: **Post Occupancy Energy Monitoring Field of Dreams Units 9&10**. Principal Investigator. Salt Lake Valley Habitat for Humanity funded, **\$11,880** (period 09/2017-05/2018).

This funded project aims at a comprehensive Post-Occupancy monitoring of the first two Field of Dreams affordable, high-performance units that were completed in mid-July 2018. The research includes the design and assembly of a State of the Art energy monitoring system, as well as an Owner's Manual and an educational session for future homeowners of the Field of Dreams and other units.

2014 – 2019: **Field of Dreams Eco-Community**. Principal Investigator. Habitat for Humanity Salt Lake City funded, **\$38,000**. The Habitat for Humanity Superefficient Case Study project will demonstrate that highly energy-efficient and passive buildings can be built at affordable cost. Aiming at full market-transferability, it is expected that the project will have a considerable impact on residential design processes and the future housing along the Wasatch Front and beyond. In ongoing outreach activities, the project and its research results are presented to professional as well as academic communities, which include peer-reviewed publications, lectures, presentations, building tours and open houses, and academic classes at the School of Architecture. Students play a major role in the on-site application of these ideas –

Field of Dreams is a part of the local Design Build learning environment similar to the School of Architecture's remote Design Build Bluff program.

2014 – 2016: **The Active Building Compact Core - ABCC**. Principal Investigator. URC Faculty Research and Creative Grant, **\$12,000**. Invention Disclosure 12/2017.

This grant application is to design and develop a prototypical, modular system for an ABCC (Active Building Compact Core). ABCC is a prefabricated, technologically optimized and spatially minimized modular space-conditioning HVAC core for Passive Houses of sizes between 1,000 to 4,000 square feet (and possibly beyond). Most high-efficiency houses in the U.S. are constructed within these size perimeters, with the numbers of such buildings growing due to an increased interest in these highly energy-efficient, yet cost-effective buildings. Technologically, high-efficiency houses present one common challenge: their HVAC and control systems are usually a more or less complex accumulation of different and highly customized systems that are designed as individual prototypes for each distinct building. This grant project is about the product development of an ABCC - to develop, assemble, test and evaluate a simple, yet flexible modular system that is solely based on market-ready products, to be installed and maintained by standard trades within standard building processes. This system shall be easily understood and used by the end consumer. The core is utilized and tested in various configurations in the units of the Field of Dreams Eco-Community project.

2012 - 2014: **Project:ARCHITECTURE - Girls Scout Trefoil Ranch Cabins**, Utah, is an award-winning project in which, similar to the 125 Haus process described further below, research guided the design process. The project's goal – to develop a relationship between the School of Architecture and Girl Scouts to make girls aware of architecture as a career trajectory – was achieved through the research, design and construction of three, 700 SF cabins on the Girl Scout's Trefoil Ranch land, a process in which the Girl Scouts and student volunteers from the School of Architecture were involved. Utilizing beetle-kill ICLT (Interlocking Cross Laminated Timber) prefab construction, the cabins were designed to high sustainable material standards. The first project phase - three cabins - were funded with **\$150,000** through Girls Scouts of Utah. The cabins were completed in July 2014. Jörg Rügemer and Erin Carraher collaborated on this project, with Rügemer leading the cabin's design and construction process, and Carraher leading the community and Girl Scout educational outreach. An additional **\$24,000** donation from Oldcastle B.E. further supported this project.

2012 - 2013: **University of Utah Demonstration Lab House - The Denver Superefficient Housing Challenge**. Principal Investigator. Rio Tinto Kennecott Utah Copper Grant, **\$30,000**. This project represented a collaborative effort between the Rocky Mountain Institute's Denver Pilot Superefficient Housing Challenge, DOE's Home Innovation Research Lab, Rio Tinto Kennecott Utah Copper, and Habitat for Humanity. Demonstration Lab House's long-term project goal is to create affordable, cost-effective high-performance passive homes. These will be used as best practice examples for the building industry, to teach and educate students, building professionals, architects, developers, owners and clients, to broadly implement those strategies and 'lessons learned' in the future housing market in Utah and beyond. Through inclusion of students at the School of Architecture, University of Utah, the project provided deep inside and profound knowledge for the next generation of young architects, to implement that knowledge into our future build environment.

The initial project in Denver included research and design of one row-house unit, and lead to the design, development, construction and Post-Occupancy monitoring of the Field of Dreams with 20, 1,500 SF Demonstration Lab Houses for Habitat for Humanity in Salt Lake City.

2011 - 2014: **125 Haus**. Energy-efficient and cost-effective residential building design in the northern Utah cold climate zone. Principal Investigator, project designer, team leader. Integrated team: AJR Atelier Jörg Rügemer (lead); Garbett Homes (Contractor); Heliocentric Energy Engineering (3<sup>rd</sup> party EnergyPlus energy simulation); Provident Energy (3<sup>rd</sup> party HERS and Energy Star-rating); LR Nelson Structural Consulting; ITAC/UofU. Post-Occupancy monitoring funded through a **\$28,000** University of Utah Research

and Creative Grant. 2009 - 2011 (development and construction) and 2011 – 2013 (POM Post-Occupancy monitoring).

Award-winning 125 Haus became Jörg's core research project in 2011/12, in which his findings and experiences from several years of work in Utah culminate in a highly energy-efficient, yet extremely cost-effective building. 125 Haus is an interdisciplinary and integral project to design, develop, and build a high performance residential case study at market rate cost for the northern Utah cold climate zone, to evaluate and document the energy saving potential and return on investment ROI of the building. Its process relies on the understanding and conduct of design as research and vice versa. 125 Haus delivers a successful, context-based and regionally rooted architecture at market rate or \$117,75/SF in direct construction cost. It is about 80% more efficient than the built-to code benchmark house, strictly following a passive design strategy with lean technology application. With an emphasis on cost-effectiveness and market-transferability through application of regional construction methods, materials, components and work forces, it is anticipated that this case study research project will help to move the residential market in the Intermountain West and beyond towards high performance energy-efficient buildings. Construction was completed in October 2011, followed by a subsequent 27-months POM data collection.

2009 - 2011: **Energy and Construction Simulation and Monitoring**. Co-PI. Collaboration with Kent Udell, UofU Mechanical Engineering (PI), Ryan Smith, UofU Architecture (Co-PI). Department of Energy Building America Program DOE BA, Building Industry Research Alliance BIRA, Consol. \$350,000 for 3 years (**\$175,000** for ITAC).

Snow Creek was designed by the Elliot Workgroup in Park City, and is a planned affordable housing project located on a site adjacent to Park City's Snow Creek at an average altitude of 6,800 ft. The project consists of thirteen, energy-efficient, two- to three-story single-family detached workforce buildings that are available on the affordable housing market. The research project's aim was to accomplish a comprehensive building simulation, analysis, and documentation of those energy-efficient buildings by documenting, monitoring and analyzing two of the 13 units. Rügemer's responsibilities included the design and construction documentation and analysis, component analysis, energy modeling, ROI, and cost analysis. Snow Creek's research findings provided an important foundation to approach the 125 Haus project in a diametrically different Passive House strategy, which was described in detail in various journal and peer-reviewed articles.

2012 - 2013: **Leadership in Collaborative Architectural Practice** LCAP. Co-PI. Collaboration with Ryan Smith (PI), Erin Carraher (Co-PI). American Institute of Architecture. **\$80,000** for ITAC for a project duration of 18 months.

Key to the success of projects such as 125 Haus and many others that Rügemer worked on is the application of integrated design process. For his expertise in the area, he was asked to join LCAP. The core research group in ITAC was supported by the AIA Center for Integrated Practice Leadership Group, Peter DeLisle as consultant, the local AIA Utah chapter, as well as several research assistants. Task of this project was the research and development of a continuing education course for professional architects, with the outcome constituting a set of online lessons, supporting videos, accompanying materials and exercises, to educate AIA members with the social, behavioral and cultural understanding and knowledge to lead project teams and constituents in the integrated delivery of buildings.

2011 - 2013: **Honors Housing Green Innovation Initiative**. Project Advisor to Jessica Batty, PE (Project Executive). Sustainable Campus Initiative Fund (SCIF) 2011, **\$75,000**.

The objective of the Honors Housing Green Innovation Initiative was directly based on experiences from the Snow Creek project and 125 Haus Post-Occupancy Monitoring efforts. This project was to establish an exhibition piece for sustainable campus living in the new Honors Housing project that was completed in 2012 on the UofU campus at the base of the Legacy Bridge. Components addressed included water and energy use reduction and monitoring, application of healthy interior finishes, and use of sustainable and healthy furniture. The project goal was to generate awareness and to educate occupants (students) and visitors about the impact of user behavior in responsible energy use and reduction. The value of this project

exists within its power to establish a qualitative understanding of the impact of user lifestyle and behavior on the actual levels of energy and water usage, which is communicated to the occupants and visitors via electronic media and in real time.

2010 - 2012: **IDL - Integrated Design Lab**. Principal Investigator. UofU Research and Creative Grant, **\$6,000**.

The research examined the concept and feasibility of a regional daylight resource and design center for the Salt Lake City metropolitan area. The results of the research showed that such a lab would be feasible and well received by the professional and academic community. Based on the research results, a comprehensive proposal was finalized and presented to Rocky Mountain Power as one of the major providers for utilities in Utah. If funded, the goal would have been to install IDL within ITAC at the School of Architecture. Besides leading the team, Rügemer's responsibilities included: grant writing, establishing contacts and preparing visits of the PNW labs; interviews and visits of daylighting research related labs in San Francisco, Davis, Seattle, Boise; development of a Salt Lake City professional community questionnaire and conducting interviews through questionnaire; data and information analysis; cost and budget estimate; finalizing proposal to utilities, communicating idea and concept to utilities.

2009 - 2012: **Energy Efficiency Benchmarks for Housing**. Principal Investigator. American Institute of Architects 2010 Upjohn Research Award, **\$30,000**.

This research study compared different green building rating systems for their capacity and culpability to achieve net-zero energy housing. Units from the Snow Creek project and 125 Haus were tested and the results analyzed. Rügemer's responsibilities included: analysis and evaluation of the PHPP Passive House Planning Package; analysis and evaluation of the NGBS National Green Building Standard rating system; final analysis and report (with Ryan Smith, Co-PI). Rügemer presented the research findings on the 8<sup>th</sup> International Conference on Technology, Knowledge and Society in Los Angeles in 2012 and published a comprehensive report in *The International Journal of Technology, Knowledge and Society* under the title "Energy Efficiency Benchmarks for Housing".

2010 - 2011: **Energy Modeling for Housing**. Co-PI. Boston Society of Architects (BSA) 2010 Research Grant, **\$10,000**.

This research project performed a comparative study of energy modeling software platforms for accuracy and ease of use in housing design and development. In addition to the research that was undertaken in the Energy and Construction Simulation and Monitoring - Snow Creek project, the research team simulated two Snow Creek case study units and compared the virtual software results with the actual energy performance in order to determine software accuracy and user accessibility. Rügemer's responsibilities included: overseeing Energy Plus modeling; overseeing PHPP modeling; final analysis and report (with Ryan Smith, PI). The findings are documented in the research project's final report and were published through the Boston Society of Architects in 2011.

2009 - 2011: **The College of Architecture and Planning Net-Zero Initiative**. Principal Executive for documentation, PI: Brenda Scheer, Dean of the College of Architecture and Planning.

School of Architecture, National Renewable Energy Laboratory NREL, Sustainable Campus Initiative Fund SCIF.

Interdisciplinary collaboration between different players including the School of Architecture, local architects and engineers, NREL, and more. Project goal was the site net zero energy retrofit of the 40-year old College of Architecture and Planning building to: (1) realize cost benefit; (2) generate new knowledge and awareness about renewable energy; (3) provide a living demonstration project for aging institutional facilities; (4) provide a living laboratory for students and faculty to experiment with and learn about sustainable technologies first-hand. Rügemer's responsibilities included process documentation and analysis. Partly funded through a **\$6,000** UofU Sustainable Campus Initiative Fund SCIF. The funds were used to document potential of such a retrofit within Jörg's Sustainable Design spring 2011 class. Results were displayed in fall 2011 in an exhibit at the University of Utah: <http://rethink.arch.utah.edu/>.



## Creative Work

### Exploration of Architectural Space, Sustainable Architecture and Urban Design in Professional Architectural Practice and Competitions

*The following architectural and urban design projects were developed in AJR Atelier Jörg Rügemer, of which Jörg Rügemer is the sole principal, or in KoopX, of which Rügemer was a co-founder, principal and director. The inspiration for each individual design process is found in a holistic and conceptual perception of architecture. A focus on energy-efficient, sustainable architecture is combined with experimental proceedings within the architectural activity. The intensive engagement with the genius loci – the specific location - obtains central meaning in every individual design task. All aspects of sustainability, the examination of the building program, and the interior organization is incorporated into the early work process of each project. In the dialogue between location, space and the respective task, specific solutions are developed that contain their own spatial identity.*

### Recent Creative Work in Progress

Since 2019: **Aster Eco Farm and Village**. Križevci, Croatia. **In Progress, Phase I Master Planning and Seed Funding**

Co-Founder and Head of Architecture. Masterplanning and Development of a 350-unit Eco-Smart carbon-negative Village with a self-sufficient Farming-to-Table component. Seed funding phase.

Since 2019: **127 Haus, The Colony**. Summit County, UT. **In Progress.**

Direct Commission. Development, design and construction of a 5,500 SF Passive-to Active single-family residence at 8,800' elevation. Completion anticipated for Summer 2021. Atelier Jörg Rügemer.

Since 2019: **Kayenta Desert House**. Ivins, Washington County, UT. **On Hold.**

Direct Commission. Development, design and construction of a 3,800 SF Passive-to Active Site Net Zero single-family residence. Completion anticipated for Winter 2020. Atelier Jörg Rügemer.

Since 2018: **Deer Vista Residence**. Wasatch County / Heber City, UT. **In Progress.**

Direct Commission. Development, design and construction of a 3,200 SF Passive-to Active single-family residence. Completion anticipated for Fall 2020. Atelier Jörg Rügemer.

Since 2017: **Barn House**. Holladay, UT. **Completed in 2020**

Direct Commission. Development, design and construction of a 3,800 SF Site Net Zero single-family residence. Completion October 2019. Atelier Jörg Rügemer.

Since 2016: **470 Residence**. Salt Lake City, UT. **On Hold.**

Direct Commission. Development, design and construction of a 1,500 SF superefficient housing unit for people in need for Salt Lake Valley Habitat for Humanity. The project served as a case-study pilot for the Field of Dreams Eco-Community. Atelier Jörg Rügemer. SD, DD & CD, not realized.

2014-2019: **Field of Dreams Eco-Community**. Kearns, UT. **Phase 1 Completed.**

Direct Commission. Development, design and construction of 20, 1,500 SF superefficient housing units for people in need for Salt Lake Valley Habitat for Humanity. Atelier Jörg Rügemer; Project PI on the research part of the project.

## Awarded Creative Work

2018: **Field of Dreams EcoCommunity**. Salt Lake City/Kearns, UT. **Phase 1 Completed**.

Masterplanning, development and design of a micro-neighborhood consisting of 20 innovative, highly energy-efficient and cost effective housing units for the affordable housing market. Under construction since 2017. Atelier Jörg Rügemer.

- 2019: **AIA Utah Design Merit Award**: "The Field of Dream EcoCommunity in Kearns, Utah." Salt Lake City, Utah.
- 2018: **Design Arts Utah**: "The Field of Dream EcoCommunity in Kearns, Utah." Salt Lake City, Utah.

2016: **[2017: Slim House]**. Salt Lake City, UT.

The winning scheme of the **Innovative Housing Competition** will be build as a Pilot Study during the first half of 2019. As part of the winning contract, a series of 4 additional buildings on odd lots are planned throughout 2019-2021. Atelier Jörg Rügemer.

- 2019: **Design Arts Utah**: "Slim House," Salt Lake City, Utah.
- 2017: **First Prize**: "[2017] Slim House," Salt Lake City Home Innovation Competition.

2014: **Neubebauung Rentzelstraße Hamburg**. Hamburg, Germany.

Invited international architectural competition. Client: Objekt-Entwicklungs GmbH, Hamburg. Atelier Jörg Rügemer.

- 2014: **Merit Award**: "Neubebauung Rentzelstraße Hamburg, Germany."

2013: **Sixtynine-Seventy**. Salt Lake City, UT.

International Urban Design Competition for the urban renewal of two Salt Lake City downtown blocks. 200 international participants. Atelier Jörg Rügemer in Urban Art Lab Salt Lake City. Interdisciplinary design team leader, architectural and urban design concept.

- 2014: **AIA Utah Urban Design Merit Award**: "Urban Art Lab Salt Lake City - 6970."
- 2013: **First Prize/Jury Award**: "Urban Art Lab Salt Lake City - 6970", International Urban Design Competition. Atelier Jörg Rügemer in Urban Art Lab Salt Lake City. Interdisciplinary design team leader, architectural and urban design concept.

2012 - 2014: **Project:ARCHITECTURE – Girls Scout of Utah Summer Cabins**. **Completed in 2014**.

Design and construction of three, 700SF ICLT Summer Cabins. All awards Jörg Rügemer in collaboration with Erin Carraher.

- 2016: **Timber City Finalist Award**, Private House XS Category: "Trefoil Ranch Girl Scout Cabins." National Building Museum, Washington, DC.
- 07/2016: **American-Architects Building of the Week**: "Project:ARCHITECTURE: Girl Scout of Utah Summer Cabins."  
[http://www.american-architects.com/en/projects/53960\\_Project\\_ARCHITECTURE\\_Girl\\_Scouts\\_of\\_Utah\\_Summer\\_Cabins](http://www.american-architects.com/en/projects/53960_Project_ARCHITECTURE_Girl_Scouts_of_Utah_Summer_Cabins)
- 03/2016: **Architizer A+ Award Finalist**: "The Girl Scouts Utah Summer Cabins" Typology Category: Residential Private House XS category. Architizer.

- 2015: **2015 Wood Design Regional Excellence Award**: "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Oakland, CA.
- 2015: **Celebrating Excellence in Wood Structures: 2014-15 North American Wood Design Award Winners**: "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Canadian Wood Council, Ottawa, Ontario, Canada.
- 2014: **AIA Utah Honor Design Award**: "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Salt Lake City, UT.
- 2014: **AIA Utah Distinguished Service Award**: "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Salt Lake City, UT.
- 2014: **Design Arts Utah, Juror Award Winner (\$3,000)**: "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Salt Lake City, Utah.
- 2014: **Honorable Mention Award**. "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Public Interest Design Award.
- **2013-2014 ACSA Collaborative Practice Award**. "Project:ARCHITECTURE: The Girl Scouts Cabins in Provo Canyon, Utah." Association of Collegiate Schools of Architecture.

2013: The Denver Superefficient Housing Challenge. Denver, CO.

Architectural design competition. Denver Housing Authority, US Department of Energy. Principal Investigator, design studio instructor for ARCH 6016, Fall 2013.

- 2014: **Design Arts Utah Award**: "The Denver Superefficient Housing Challenge". Salt Lake City, UT.
- 2014: **Public Choice Award**: "The Denver Superefficient Housing Challenge". Rocky Mountain Institute, Denver Housing Authority.

2011: 125 Haus. Park City, UT. **Completed in 2011.**

Integrated design and construction of a 2,400 SF 80% energy-efficient single-family residence in the northern Utah cold climate zone. **Utah's most energy-efficient and cost-effective house**. Atelier Jörg Rügemer.

- 2013: **20 Award-Winning Projects of 2013**: 125 Haus has been chosen among the 20 best award-winning green projects of 2013 the United States. Green Projects Guide, Hanley Wood. Atelier Jörg Rügemer. <http://bit.ly/125HAUS>
- 2013: **Design Arts Utah Award**: "125 Haus in Park City, UT." Utah Arts Council, Salt Lake City, UT
- 2013: **Residential Design Award**: "125 Haus in Park City, UT."
- 2012: **AIA Utah Merit Design Award**: "125 Haus in Park City, UT." Salt Lake City, UT
- 2012: **Architecture 2030: The 2030 Challenge**. 125 Haus in Park City, UT, was chosen as a case study that represents the Challenge

2009: **Director's Office**. School of Architecture, Salt Lake City, UT. **Completed in 2009**.  
Direct commission. 500 SF high-end remodel in the 1972 School of Architecture Building. Designer, design/build leader.

- 2010: **Design Arts Utah Award**: "The Director's Office, School of Architecture, University of Utah."

2008: **Shopping Center Heidelberg-Rohrbach**. Heidelberg, Germany.  
Invited competition for 13 firms. **Merit Award**. Design of a 70,000 SF Shopping Center in Heidelberg, Germany. Atelier Jörg Rügemer.

- 2008: **Merit Award**: "Shopping Center Heidelberg-Rohrbach." Invited architectural competition, City of Heidelberg, Germany.

2008: **Summit Park Treehouse**. Summit Park, UT.  
Direct Commission. Design of a Passive House single-family residence in the northern Utah cold climate zone. Atelier Jörg Rügemer. Not realized.

- 2009: **Design Arts Utah Award**: "Summit Park Treehouse, Summit Park, UT." Utah Arts Council, Salt Lake City, UT.

2007: **Cultural-Scientific Center and Library for the Department of Philosophy**. Göttingen, Germany.  
Invited European-wide competition. Atelier Jörg Rügemer.

- 2007: **Merit Award**: "Cultural-Scientific Center and Library for the Department of Philosophy." Limited European wide architectural competition, University of Göttingen, Germany.

2004 - 2006: **LIDL Superstore Mannheim**. Germany. **Completed in 2006**.  
Direct commission. Development of a new concept for a grocery discount market chain. LIDL Project Development, Speyer, Germany. Atelier Jörg Rügemer.

- 2009: **Best Architects Award for Germany, Switzerland, Austria**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany." Zinnobergruen GmbH, Germany.
- 2008: **Design Arts Utah 2008 Award**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany." Utah Arts Council, Salt Lake City, UT.
- 2007: **Merit Award for Outstanding Buildings**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany." City of Mannheim, Germany.
- 2007: **German Facade Prize Special Prize**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany." FVHF Fachverband Baustoffe und Bauteile für vorgehängte hinterlüftete Fassaden, Munich, Germany.
- 2007: **Merit Award, Sustainable Urban Renewal Prize 2000-2006**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany."
- 2007: **Nomination German Architecture Prize**: "Lidl-Superstore am Alten Meßplatz, Mannheim, Germany." Organization for the German Architecture Prize, Karl Kraemer Verlag Stuttgart, Germany.

**2005: C2C Roanoke Housing Competition.** Virginia/USA.  
International competition. Atelier Jörg Rügemer.

- 2005: **Finalist:** “Cradle to Cradle - Roanoke Housing Competition”, VA. International architectural competition, Roanoke, VA.

**2002 - 2006: Kurpfalzachse Mannheim.** Mannheim, Germany. **Completed in 2006.**

Limited international urban competition, direct commission after first prize was awarded for international competition entry in 2002. Jörg Rügemer, principal in AJJMR Metz Rügemer Architekten. In collaboration with Jens Metz. City of Mannheim, Department of Planning, Germany.

- 2002: **First Prize:** “Kurpfalzachse Mannheim, Germany.” Limited international urban competition. AJJMR Metz Rügemer Architekten, Berlin. City of Mannheim, Department of Planning, Germany.

**2004: Housing for Elderly.** Bürmoos, Austria.

Limited international competition. Design of 90 units for the elderly and handicapped. State of Austria , Bürmoos Housing Authority, Austria. Atelier Jörg Rügemer.

- 2004: **Merit Award:** “Housing for Elderly, Bürmoos, Austria.” Limited international competition. Bürmoos Housing Authority, Austria.

**2004: Community Center Vaterstetten.** Germany.

2-phase international architectural competition. Urban and architectural design of a new community center. City of Vaterstetten, Germany. Atelier Jörg Rügemer.

- 2004: **Finalist:** “Community Center Vaterstetten, Germany.” 2-phase architectural competition. City of Vaterstetten, Germany.

**2003: Generations Reside.** Bielefeld, Germany.

Limited Competition. Development and design of a housing concept for different generations. Bielefeld Housing Authority, Bielefeld Germany. Atelier Jörg Rügemer.

- 2003: **Second Prize:** “Generations Reside, Bielefeld.” Limited architectural competition. Bielefeld Housing Authority, Bielefeld, Germany.

**2003: Les Épaves - Europan 7.** Eckbolsheim - Wolfisheim, France.

Europan 7: International architectural and urban competition. Housing development in Eckbolsheim - Wolfisheim, Elsass. Atelier Jörg Rügemer.

- 2003: **Shortlisted:** “Les Épaves - Europan 7, Wolfisheim - Eckbolsheim, France.” International architectural and urban competition, France.

**2003: Grunewald Manufacturing Facilities.** Bocholt, Germany. **Completed in 2003.**

Direct commission. Masterplan and design of a 20,000 SF energy-efficient manufacturing building. Grunewald GMBH. Atelier Jörg Rügemer.

- 2010: **Design Arts Utah Award:** “Grunewald Manufacturing Facilities, Bocholt, Germany.” Utah Arts Council, Salt Lake City, UT.

**2000: ETH World.** Zürich, Switzerland.

International competition. Design of a virtual campus for the ETH Zürich. Eidgenössische Technische Hochschule ETH Zürich, 2000. Atelier Jörg Rügemer, in collaboration with AG4, Cologne, Germany.

- 2000: **Sixth Prize:** “ETH World, Zurich, Switzerland.” International competition. Eidgenössische Technische Hochschule ETH Zürich.

**1993: Exceptional Diploma Work Promotion Award.** “Architekturinstitut Köln.” Architectural Diploma (first professional degree) at the University of Applied Sciences, Cologne, Germany. Betonverlag Düsseldorf.

*The following urban design and architectural projects were exclusively invited competitions that have been created in KoopX between 2004 and 2008, of which Jörg Rügemer was a founding member, principal, and director.*

**2007: Caohejing-Pujiang High Tech Park.** Shanghai, China.

Invited international competition. Masterplan development for approximately 2,5 km<sup>2</sup> urban area. City of Caohejing / Shanghai, P.R. China. Design team leader.

- 2007: **First Prize:** “Caohejing-Pujiang High Tech Park, Shanghai.” City of Caohejing / Shanghai, P.R. China.

**2007: Hangtoug Train Station.** Shanghai, China.

Invited international competition. Masterplan development and train station in Shanghai, Hangtoug. City of Shanghai, Shanghai Train Authority, Shanghai, P.R. China. Design team leader.

- 2007: **First Prize:** “Hangtoug Train Station, Shanghai.” City of Shanghai, Shanghai Train Authority, Shanghai, P.R. China.

**2005: Putoa-Shenru Sub Center.** Shanghai, China.

Invited international competition. Masterplan for a 40,000 hectare sub center. Shanghai Planning Authority, Shanghai, P.R. China. Design team leader Berlin.

- 2005: **Second Prize:** “Putoa-Shenru Sub Center, Shanghai.” Shanghai Planning Authority, Shanghai, P.R. China.

**2005: City Extension Dongying.** Dongying, China.

Invited international competition. Masterplan for a 93 km<sup>2</sup> urban development and transportation concept. City of Dongying, Dongying Planning Authority, P.R. China. Design team leader Shanghai.

- 2005: **First Prize:** “City Extension Dongying.” City of Dongying, Dongying Planning Authority.

**2004: Shanghai Waitanyuan.** Shanghai, China.

Invited international competition. Redevelopment of the site of the former British Embassy at the Bund, 2,500 hectare. City of Shanghai, P.R. China. Design team member Berlin, Shanghai.

- 2004: **Second Prize:** “Shanghai Waitanyuan.” City of Shanghai.

## Non-awarded Projects

2015-2017: Climaco House. Park City, UT.

Direct Commission. Development, design and construction of a 3,200SF Passive House single-family residence. Atelier Jörg Rügemer. SD & DD, not realized.

2010: City Hall Crailsheim. Germany.

Invited, European-wide competition for 25 firms. Design of a new 25,000 SF city hall for Crailsheim. City of Crailsheim, Germany. Atelier Jörg Rügemer.

2010: Montessori Community School of Salt Lake City. Salt Lake City, UT.

Direct Commission. Master planning and remodel of the entrance and main circulation area of the 1950 former Jewish Community Center. Atelier Jörg Rügemer. Not realized.

2009: Housing for The Elderly. Egg, Austria.

International Competition. Design of a 58,000 SF 45 units housing for the elderly complex. City of Egg, Austria. Atelier Jörg Rügemer.

2008: Generations Reside - Portland Housing Case Study. Portland, OR.

International competition. Conceptual design for urban densification strategies on urban infill lots. Portland Housing Authority. Atelier Jörg Rügemer.

2008: Master Houses Dessau. Dessau, Germany.

International architectural competition. Concept proposal for the urban and architectural repair of the Meisterhäuser that were partly destroyed during WW II. Bauhaus Foundation, Dessau, City of Dessau, Germany. Atelier Jörg Rügemer.

2004 - 2005: Case Study House No. V. Berlin, Germany.

Project study for a vertical residence, Berlin-Pankow, Germany. Atelier Jörg Rügemer.

2005: Art Museum Kalmar. Sweden.

International competition. Design of a small Art Museum with 10,000 SF. City of Kalmar, Sweden. Atelier Jörg Rügemer.

2004: Spielbudenplatz Hamburg. Germany.

International urban competition. Redesign of the Spielbudenplatz, Sankt Pauli, Hamburg. City District of St. Pauli, Hamburg. Atelier Jörg Rügemer, in collaboration with Mauro Hagel Landscape Architecture.

2004: Döppersberg Wuppertal. Germany.

Limited architectural and urban competition. Redesign of the Döppersberg area and the Wuppertal main train station. City of Wuppertal. Atelier Jörg Rügemer.

2004: Case Study House No I-IV. Berlin, Germany.

Direct commission. Conceptual development of an affordable Housing system. Atelier Jörg Rügemer.

2003: Cultural Forum Westfalen. Münster, Germany.

International architectural competition. Design of a Symphony Hall and Art Museum. City of Münster. Atelier Jörg Rügemer.

*The following projects (competition work, 1 commissioned large-scale project) explored the implementation of sustainable and/or passive design strategies in different dense urban environments in China. As a general design philosophy, specific location and genius loci were the primary generator for architectural language and passive design concepts. Proposed energy-efficiency technology had to be adapted to Chinese market and manufacturing methods. The projects have been created in KoopX between 2004 and 2008, of which Jörg Rügemer was a founding member, principal, and director.*

**2006: Lingang New City Customs Inspection.** Lingang New City.

Invited international competition. Design of a highly energy-efficient, 160,000 SF office and inspection building. Lingang Customs Inspection and Harbor Authority, Shanghai, P.R. China. Design team leader Salt Lake City, Shanghai.

**2005 - 2007: Landsea International Housing.** Nanjing, China. **Completed in 2008.**

Direct commission. Schematic design and design development of a 856-unit 1.070.000 SF high-density energy-efficient housing project. Landsea International Development, Nanjing, P.R. China. Interdisciplinary design team member Berlin, Shanghai.

## **Employment in Larger Firms**

*Jörg Rügemer worked for several international architectural firms during his education and internship towards a professional architect. He had different roles to contribute to the success of each project within the larger project teams.*

08/1996 - 08/1997: Bothe Richter Teherani Architekten, Hamburg, Germany.

*Housing Tube Billwerder Deich.* Project study 1997. Project designer.

*Central train station Dortmund.* Invited architectural competition. **First Prize 1997.** Project designer, design team leader.

02/1995 - 07/1996: Frank O. Gehry and Associates, Santa Monica, CA.

*The Zollhof Project, Düsseldorf, Germany.* Schematic design (model maker), design development (project team).

*DG Bank, Berlin, Germany.* Invited competition, (model maker), schematic design, design development (project team).

08/1991 - 05/1992: Anshen + Allen Architects, San Francisco, CA.

*Children's Hospital Oakland, CA.*

Schematic design, design development. Model maker, junior designer.



## Publications, Conferences and Media

### Journal Articles

2018, Rügemer, J., forthcoming: **Resilient Housing Design – The Field of Dreams Eco-Community Affordable Housing Project**. The International Journal of Design Principles and Practices, Common Ground Publishing, Champaign, Illinois, USA.

2016, Rügemer, J., Carraher, E.: **Project:ARCHITECTURE**. The International Journal of Sustainability Education, Volume 12, Issue 1. Common Ground Publishing, Champaign, Illinois, USA.

2013, Rügemer, J.: **Developing Super Efficient Passive Residential Buildings – First Experiences from Building Utah’s Most Energy-Efficient and Cost Effective House**. The International Journal of Design Principles and Practices, Common Ground Publishing, Champaign, Illinois, USA. ISSN 2325-1662.

2012, Rügemer, J., Smith, R.: **Energy Efficiency Benchmarks for Housing**. The International Journal of Technology, Knowledge and Society, Common Ground Publishing, Champaign, Illinois, USA. ISSN 1832-3669.

2012, Rügemer, J.: **Design Strategies Towards High-Performance Market Rate Housing: The 125 Haus**. *Dialectic*, A Journal of the School of Architecture, University of Utah. ISBN 978-0-615-64167-6.

2011, Rügemer, J.: **Design Strategies Towards High Performance Market Rate Housing: the 125 Haus in Utah**. The International Journal of Design Principles and Practices, Volume 5, Issue 5, pp. 253-276 Common Ground Publishing, Champaign, Illinois, USA. ISSN 1833-1874.

2010, Rügemer, J.: **The Introduction of Sustainable Strategies and Technology to the U.S. Housing Building Industry - Design, Construction and Performance Analysis of Energy Efficient Residential Buildings - A Case Study**. The International Journal of Technology, Knowledge and Society, Volume 6, pp. 150-161. Common Ground Publishing, Champaign, IL. ISBN 978-1-863357-68-5. (This paper was a *Finalist for the International Award for Excellence* paper award of the scholarly Journal: Technology, Knowledge, & Society, as of December 2010).

2001, Rügemer, J.: **Die Einführung des virtuellen Entwurfsstudios als didaktische Methode im Entwurfsprozess**. *Forum der Forschung*, Wissenschaftsmagazin der Brandenburgischen Technischen Universität Cottbus, Germany. ISSN 0947-6989 2001.

### Book Chapter: “Integrated Project Delivery and Contracting for High Performance”

2018, Rügemer, J.: **Die Grundausbildung zum Dipl.-Ing. Architekten und die ersten Jahre danach**. Book chapter in *Entwerfen II*, Ralph Johannes (Ed). Junius Verlag GmbH, Hamburg 2018. ISBN 978-3-96060-500-3

2012, R. Smith and Rügemer, J.: **Integrated Project Delivery: Contracting for High Performance**. Book chapter. In: *Design and Construction of High-Performance Homes: Building Envelopes, Renewable Energies and Integrated Practice*, Franca Trubiano (ed.), Routledge, New York. ISBN 978-0-415-61528-0.

## Peer-Reviewed and Juried Conference Presentations and Publications

2020, Rügemer, J., *The 5th Residential Building Design & Construction Conference, Penn State University, University Park, Pennsylvania: The Challenges of Creating Resilient Housing at Affordable Cost – A ‘Lessons Learned’ Report on The Field of Dreams EcoCommunity.* Conference presentation and publication at the bi-annual conference March 4 & 5, 2020.

2020, Rügemer, J., Ismail, A., Weir, B., *2020 Weber State Intermountain Sustainable Summit: Design+Build and the Kunga ADU.* Accepted and scheduled conference presentation. 2020 Conference cancelled due to Covid-19.

2018, Rügemer, J., Blake, E., *Advanced Building Skins Conference, Bern, Switzerland: Funding for Home Ownership for Low-Income Demographics – the Field of Dreams EcoCommunity in Utah.* Conference presentation and publication in: Proceedings of the 2018 Advanced Building Skins Conference, pp. 549 – 558. Bern, Switzerland.

2018, Rügemer, J., *12<sup>th</sup> International Conference on Design Principles & Practices, Barcelona, Spain: Resilient Housing Design to Affordable Cost – The Field of Dreams Eco-Community.* Conference presentation.

2017, Rügemer, J., *Advanced Building Skins Conference, Bern, Switzerland: Affordable and Cost-Effective High-Performance Housing – The Field of Dreams Eco-Community.* Conference presentation and publication in: Proceedings of the 2017 Advanced Building Skins Conference, pp. 223 – 232. Bern, Switzerland.

2015, Rügemer, J., Carraher, E., *31<sup>st</sup> International PLEA Conference, Bologna, Italy: The Girl Scouts of Utah Interlocking Cross-Laminated Timber Summer Cabins.* Conference presentation and publication in: Proceedings of the 31<sup>st</sup> International PLEA Conference, Bologna, Italy.

2015, Rügemer, J., Carraher, E., *4<sup>th</sup> AIARG All Ireland Architecture Research Group Conference, Dublin, Ireland: The Girl Scouts of Utah’s Interlocking Cross Laminated Summer Cabins.* Conference presentation.

2015, Rügemer, J., Carraher, E., *11<sup>th</sup> Conference On Sustainability, Copenhagen, Denmark: Project:ARCHITECTURE.* Conference presentation. Article published in: The International Journal of Sustainability Education, Volume 12, Issue 1. Common Ground Publishing, Champaign, Illinois, USA (see above under Journal Articles).

2015, Rügemer, J., Carraher, E., *Building Technology Educators’ Society (BTES) International Conference, Salt Lake City, UT: Collaborative solid wood construction case study.* Conference presentation.

2015, Rügemer, J., Carraher, E., *Architecture Research Centers Coalition (ARCC) National Conference, Chicago, IL: Collaborative solid wood construction case study.* Conference presentation and publication in: Proceedings of the Architecture Research Centers Coalition (ARCC) National Conference, Chicago, Illinois.

2014, Rügemer, J., *18<sup>th</sup> International Passive House Conference, Aachen, Germany: The Potential for Passive House Development at Market Rate – a Field Report on the 125 Haus in Utah.* Conference presentation and publication in: Proceedings of the 18<sup>th</sup> International Passive House Conference, pp. 459-464. Aachen, Germany 2014. ISBN 978-3-00-045216-1.

2014, Rügemer, J., Carraher, E.: *Special Session Award Presentation at the Association of Collegiate Schools of Architecture 102th ACSA annual meeting, Miami Beach, FL: Project:ARCHITECTURE*. Invited presentation.

2014, Rügemer, J., *102th ACSA annual meeting. Miami Beach, FL: 125 Haus in Park City – High Performance Architecture at Market Rate Cost*. Poster presentation.

2012, Rügemer, J., *Salt Lake Sustainable Building Conference. Salt Lake City, UT: Energy-Efficient and Cost-Effective Residential Passive Design for Cold Climate Zones*. Conference presentation.

2012, Rügemer, J., *AIA Utah Design Conference. Provo, UT: 125 Haus in Park City - Utah's most Energy-Efficient and Cost-Effective House*. Conference presentation.

2012, Rügemer, J., *4<sup>th</sup> International Conference on Eco-Architecture, Kos, Greece: Challenges of Cost-Effective High-Performance Residential Buildings in the U.S. Market – First Lessons learned from building Utah's most Energy-Efficient and Cost-Effective House. Keynote Address* and publication in: Proceedings of the 2012 4<sup>th</sup> International Conference on Eco-Architecture. ISBN: 978-1-84564-614-1; ISBN: 978-1-84564-615-8.

2012, Fernandez-Gonzales, A., Kruse, R., Passe, U., Rügemer, J., *WREF World Renewable Energy Forum, Denver, CO: Simplicity and Integration: Passive Solar Design and Passive House in Integrated Practice and Education*. Conference presentation and publication in: Proceedings of the 2012 WREF World Renewable Energy Forum, Denver, Colorado.

2012, Rügemer, J., *6<sup>th</sup> International Conference on Design Principles and Practices. Los Angeles, CA: Challenges of Market-Transferability in Super-Efficient Residential Buildings: Lessons Learned from Building Utah's most Energy-Efficient and Cost-Effective House*. Conference presentation.

2012, Rügemer, J., Smith, R., *8<sup>th</sup> International Conference on Technology, Knowledge and Society. Los Angeles, CA: Energy Efficiency Benchmarks for Housing*. Conference presentation. Article published in: The International Journal of Technology, Knowledge and Society, Common Ground Publishing, Champaign, Illinois, USA. ISSN 1832-3669 (see above under Journal Articles).

2011, Rügemer, J., *6<sup>th</sup> Energy Forum on Solar Building Skins. Bressanone, Italy: Architectural Design for Energy-Efficient and Cost-Effective Buildings in Cold Climate Zones*. Conference presentation and publication in: Proceedings of the 2011 6<sup>th</sup> Energy Forum on Solar Building Skins, pp. 149-153. ISBN 978-3-981205343.

2011, Rügemer, J., *Building Enclosure Sustainability Symposium – Integrating Design and Building Practices. Pomona, CA: Energy-Efficient and Cost-Effective Residential Passive House Design in the Utah Cold Climate Zone*. Conference presentation and publication in: Proceedings of the Building Enclosure Sustainability Symposium (BESS) 2011, pp. 157-172. Pomona, CA.

2011, Rügemer, J., *Salt Lake Sustainable Building Conference, Salt Lake City, UT: Passive Energy-Efficient Design: Towards Net Zero Architecture*. Conference presentation.

2011, Rügemer, J., *5<sup>th</sup> International Conference on Design Principles and Practices, Rome, Italy: Design Strategies Towards High Performance Market Rate Housing: the 125 Haus in Utah*. Conference presentation. Article published in: The International Journal of Design Principles and Practices, Volume 5, Issue 5, pp. 253-276 Common Ground Publishing, Champaign, Illinois, USA. ISSN 1833-1874 (see above under Journal Articles).

2010, Rügemer, J., Scheer, B., *Salt Lake Sustainable Building Conference, Salt Lake City, UT: The College of Architecture and Planning Net-Zero Initiative*. Conference presentation.

2010, Rügemer, J., *98th ACSA Annual Meeting. New Orleans, LA: The Architectural and Urban Competition as an Integrated Design Training and Acquisition Tool in the Collaborative Practice – A Status Report*. Conference presentation and publication in: Proceedings of the 98th ACSA Conference and Annual Meeting, pp. 283-290. Baton Rouge, LA, 2010. ISBN 978-0-935502-75-6.

2010, Rügemer, J., *2010 Technology, Knowledge and Society Conference. Berlin, Germany: The Introduction of Sustainable Strategies and Technology to the U.S. Housing Building Industry - Design, Construction and Performance Analysis of Energy Efficient Residential Buildings - A Case Study*. Conference presentation. Article published in: The International Journal of Technology, Knowledge and Society, Volume 6, pp. 150-161. Common Ground Publishing, Champaign, IL. ISBN 978-1-863357-68-5 (see above under Journal Articles).

2010, Smith, R., Rügemer, J., *2010 ASES National Solar Conference. Phoenix, AZ: Assessing the Solar Contribution to Green Building Rating Systems*. Conference presentation and publication in: Proceedings 2010 ASES National Solar Conference. Phoenix, AZ.

2009, Rügemer, J., *Passive and Low Energy Architecture PLEA Conference. Quebec, Canada: Teaching Sustainable Strategies in Architecture and Urban Design by Learning from the Global Perspective*. Conference presentation and publication in: Proceedings of the Passive and Low Energy Architecture PLEA 2009 Conference, pp. 183-188. Quebec, Canada, 2009. ISBN 978-2-7637-8939-2.

2008, Rügemer, J., Serrato-Combe, A., *26th International Conference of eCAADe. Antwerp, Belgium: Architectural Toolkits*,” Publication in: Proceedings of the 26th International Conference of eCAADe. Antwerp, Belgium.

2008, Rügemer, J., *9th International Conference on Design & Decision Support Systems in Architecture and Urban Planning. Leende, The Netherlands: Pimp my Box – Architecture of Transformation. Interdisciplinary Collaboration and Various Media as Design Decision and Support Tools*. Conference presentation and publication in: Proceedings of the 9th International Conference on Design & Decision Support Systems in Architecture and Urban Planning. Leende, The Netherlands, 2008. ISBN 978-90-6814-173-3.

2008, Rügemer, J., *2008 Salt Lake Sustainable Building Conference. Salt Lake City, UT: Energy Saving Strategies and Tools for Sustainable Building Design*. Conference presentation.

2008, Rügemer, J., *13th CADDRIA Conference, Chiang Mai, Thailand: Form Follows Tool - How does the mere existence of a 2D laser cutter influences architectural design in education*. Conference presentation and publication in: Proceedings of the 13th CAADRIA Conference, pp. 529-535. Chiang Mai, Thailand.

2007, Rügemer, J., *Teaching in Architecture TIA Conference, Krems, Austria: Sustainable Architecture, Urban Design and Theory - Salt Lake City Scan*. Conference presentation and publication in: Proceedings of the 2007 TIA Teaching in Architecture Conference, pp. 61-62. Krems, Austria.

2007, Rügemer, J., *12th CADDRIA Conference, Nanjing, P.R. China: Various Media in the Design Process and Methodology - The Balanced Employment of Different Design Media within the Design Process*. Conference presentation and publication in: Proceedings of the 12th CAADRIA Conference, pp. 492-499. Nanjing, P.R. China.

2006, Rügemer, J., *94th ACSA annual meeting, Salt Lake City, UT: Concepts for Global Work Environments in Architectural Education and Architectural Practice - A Field Report*. Conference presentation and publication in: Proceedings of the 94th ACSA Conference and Annual Meeting, pp. 497-505. Salt Lake City, UT, 2006. ISBN 0-935502-59-9.

2006, Rügemer, J., *11th CADDRIA Conference, Kumamoto, Japan: Web Based Design and Communication Pedagogy - Group Pedagogy and the Implementation of Web-Based Technologies within the Design Process*,” Conference presentation and publication in: Proceedings of the 11th CAADRIA Conference, pp. 81-90. Kumamoto, Japan, 2006. ISBN 4-907662-01-7.

2002, Rügemer, J., *20th eCAADe Conference, Warsaw, Poland: From Digital to Real - Theoretical-Digital Architectural Concepts and the Realization of Complex Spatial Forms*. Conference presentation and publication in: Proceedings of the 20th Conference of eCAADe, pp. 194-200. Warsaw, Poland, 2002. ISBN 0 9541183 0 8.

2001, Rügemer, J., *19th eCAADe Conference, Helsinki, Finland: Computer Generated Architectural Design - 160 Custom-Made: Architectural Data Flow from Schematic Design into Computer Aided Manufacturing*. Conference presentation and publication in: Proceedings of the 19th Conference of eCAADe, pp. 288-292. Helsinki, Finland, 2001. ISBN 0 9523687 8 1.

2001, Rügemer, J.: **Konzepte der Computergestützten Entwurfsausbildung**,” in: *Baumeister Nr. 10, 2001: Zeitschrift für Architektur*, pp. 48-50. ISSN 0005-674 X.

2001, Rügemer, J.: **LCx - Netzwerk Junger Architekten**,” in: *Baumeister Nr. 09, 2001, Zeitschrift für Architektur*, p. 48. ISSN 0005-674 X.

2000, Rügemer, J., *ACADIA, Washington, DC: The Virtual Design Studio as a Didactic Method in the Architectural Design Process and Education*. Conference presentation.

2000, Forgber, U., Kohler, N., Koch, V., Rügemer, J., Russell, P., *18th eCAADe Conference, Weimar, Germany: Promise and Reality. The Impact of the Virtual Design Studio on the Design and Learning Process in the Architectural Education*. Conference presentation and publication in: Proceedings of the 18th Conference of eCAADe, pp. 41-44. Weimar, Germany, 2000. ISBN 0 9523687 6 5.

1999, Rügemer, J., Russell, P., *17th Conference of eCAADe, Liverpool, England: Interactive Representation of Architectural Design. The Virtual Design Studio as an Architectural Graphics Laboratory*. Conference presentation and publication in: Proceedings of the 17th Conference of eCAADe, Liverpool, England.

1999, Rügemer, J.: **Der Netzentwurf**,” in: *Jahrhundertwenden 1000-2000. Rückblicke in die Zukunft*, p. 353.

Katalog zur Landesausstellung im Badischen Landesmuseum, Nomos Verlagsgesellschaft Baden-Baden 1999. ISBN 3-7890-6315-0.

1996, Rügemer, J.: **Lost Las Vegas. Vanishing Relics of a Transient Past**. Public Access Press, Los Angeles, CA. History and photo documentation of historic architecture in Las Vegas between 1920 and 1995.

1996, Rügemer, J.: **Modellstudien**,” in: *AIT Zeitschrift für Architektur, Innenarchitektur und Technischer Ausbau*, Nr. X, 1996, pp. 36-37. ISSN 0173-8046.

## Published Reviews of Architectural Work

### Project:ARCHITECTURE - The Girl Scouts of Utah Summer Cabins. Provo Canyon, UT:

- 2015: *Regional Excellence. Celebrating Excellence in Wood Architecture.* Canadian Wood Council, ISBN 978-0-9916862-3-0.
- 2015: *Architect, The Magazine of the American Institute of Architects.* February Issue.
- 2013: *Architectural Education Awards,* Association of Collegiate Schools of Architecture 2013-2014. ISBN 978-0-935502-88-6.
- 2013: *AIA Utah Fall Newsletter, Project Highlight.*

### 125 Haus. Park City, UT:

- 2015: *Park City Magazine,* Winter Issue: **Style and Substance – A Summit Park abode sets a beautiful new standard for efficiency and affordability.**
- 2013: *Green Projects Guide,* Hanley Wood: **20 Award-Winning Projects of 2013:** 125 Haus has been chosen among the 20 best award-winning green projects of 2013 the United States.  
<http://bit.ly/125HAUS>
- 2013: *Residential Architect,* May/June Issue.
- 2013: *Utah Construction & Design,* January Issue.
- 2012: *Detail Magazine* January Issue, English Edition: **Energy Efficiency Export – The 125 Haus.** ISSN 1868-3843.
- 2012: *Architectural Record,* Featured Houses September Issue.  
[http://www.archrecord.construction.com/residential/featured\\_houses/2012/09/125-Haus-Jorg-Rugemer.asp](http://www.archrecord.construction.com/residential/featured_houses/2012/09/125-Haus-Jorg-Rugemer.asp)
- 2012: *Eco Kuca,* Magazine for Modern and Ecological Architecture, October-December Issue. Beograd, Serbia.
- 2012: *Green Arch,* Magazine for Energy Efficient Design, the China Architecture & Research Group. 2<sup>nd</sup> Quarter, Beijing 2012.
- 2012: *Business Travel,* Issue 64. Beijing, China.

### Utah Lab House Denver Case Study. Denver, CO:

- [X:14] *Passive House - A Proposal for the Denver Super Efficient Housing Challenge.* *Lulu.com.* ISBN 978-1-312-56580-7.

**LIDL Markt am Alten Meßplatz.** Mannheim, Germany:

- 2012: *Baunetzwoche 298: Wolf im Schafspelz: Ein Lidl in Mannheim.*  
[http://media.baunetz.de/dl/1446329/baunetzwoche\\_298\\_2012.pdf](http://media.baunetz.de/dl/1446329/baunetzwoche_298_2012.pdf)
- 2012: *Architekturführer HEIDELBERG | LUDWIGSHAFEN | MANNHEIM - NEUE ARCHITEKTUR*  
Edition Quadrat, Mannheim, September 2012. ISBN: 978-3-941001-10-7.
- 2010: *Hello and Good Buy!* Einladender Einzelhandel Praxisbeispiele + Architekturversionen  
Leibniz Universität Hannover, November 2010.
- 2007: *New Supermarket Design.* Christian Campos (Ed.). Collins Designs, New York 2007, pp. 302-315.  
ISBN-13: 978-0-06-114996-2, ISBN-10: 0-06114996-9.
- 2007: *Best Architects 08*, First Edition, pp. 86-89. Zinnobergruen, Düsseldorf, Germany, 2007.  
ISBN 978-3-9811174-1-7.
- 2008: *Beispielhaftes Bauen.* Chamber of Architects, Baden-Württemberg, Mannheim, Germany 2000-2007.
- 2008: *Mannheim und seine Bauten*, p. 10. Andreas Schenk (Ed.). Ergänzungs- und Registerband, Edition Quadrat, Mannheim, Germany. ISBN-13: 978-3-923003-97-6.
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- 2007: *10/400 - 10 Years of City Development, 400 Years City of Mannheim*, pp. D64-D80. Project Book for the City's 400th Anniversary, City of Mannheim, 2007. ISBN 978-3-927224-99-5.
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**Cultural-Scientific Center and Library for the Department of Philosophy.** Göttingen, Germany:

- 2007: *Wettbewerbe Aktuell 8*, p. 57. Project Documentation of the Competition Merit Award.

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03/09/2020, Salt Lake Tribune: **Energy efficient homes means less air pollution. But are they affordable?** by Heather May.

<https://www.sltrib.com/news/environment/2020/03/09/energy-efficient-homes/>

09/2019: **Slim House** at Design Arts Utah exhibition featured in the Salt Lake Tribune:

<https://www.sltrib.com/artsliving/2019/09/15/my-brain-just-exploded/>

10/2018: Fall 2018 Continuum - The Magazine of the UofU: **Students to Create Affordable Housing in SLC**

06/11/2018: KSL TV, Tonight at 6: **Building the 'Dollar Fifty Houses' on the 'Field of Dreams'**

<http://ksltv.com/396573/building-dollar-fifty-houses-field-dreams/>

06/02/2018: KSL.com: **Design+Build Salt Lake: Initiative to address issue of housing affordability in Salt Lake City**



05/29/2018, Deseret News:

**Initiative to address issue of housing affordability in Salt Lake City, Design+Build Salt Lake.**

<https://www.deseretnews.com/article/900019970/initiative-to-address-issue-of-housing-affordability-in-salt-lake-city.amp>

05/29: University of Utah News: **U students to design and build affordable housing: Architecture students will create homes for Salt Lake Valley affordable housing market.**

<https://unews.utah.edu/u-students-to-design-and-build-affordable-housing-in-salt-lake-city/>

05/23/2018: Fox 13 News: **Field of Dreams EcoCommunity Design+Development coverage.**

05/23/2018: KSL Salt Lake City: Field of Dreams EcoCommunity Design+Development coverage.

05/29/2018, Good4Utah: **U of U students design efficient, affordable housing.**

<http://www.good4utah.com/news/local-news/u-of-u-students-design-efficient-affordable-housing/120688202>

11/21/2017, *Fox 13 News*: **Home design competition winners hope to help alleviate SLC**

**housing crisis.** <http://fox13now.com/2017/11/21/home-design-competition-winners-hope-to-help-alleviate-slc-housing-crisis/>

11/21/2017, *Deseret News*, Salt Lake City, UT: **Salt Lake announces winning designs from its Home**

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11/20/2017, *Building Salt Lake.com*: **City selects two housing designs to address city's affordability**

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07/2016, *American-Architects Building of the Week*: **Project:ARCHITECTURE: Girl Scout of Utah Summer Cabins in Provo.**

[http://www.american-architects.com/en/projects/53960\\_Project\\_ARCHITECTURE\\_Girl\\_Scouts\\_of\\_Utah\\_Summer\\_Cabins](http://www.american-architects.com/en/projects/53960_Project_ARCHITECTURE_Girl_Scouts_of_Utah_Summer_Cabins)

03/29/2016, *Inhabitat.com*: **The Girl Scouts of Utah built impressive summer cabins without a single drop of glue.**

<http://inhabitat.com/the-girl-scouts-of-utah-built-impressive-summer-cabins-without-a-single-drop-of-glue/>

03/2016, *Celebrate U: A Showcase of Extraordinary Faculty Achievements. Project:ARCHITECTURE.*

<http://soa.cap.utah.edu/2016/03/erin-carraher-and-jorg-rugemer-recognized-at-celebrate-u/>

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09/13/2016, *Building Salt Lake.com*: **Field of Dreams Eco-Community.**

<http://www.buildingsaltlake.com/habitat-humanity-building-passive-homes-kearns/>

01/15/2016, *City Home Collective.com*: **Place of Worship – the 125 Haus.**

<http://cityhomecollective.com/place-worship-125-haus/>

04/2015, *Woodworking Network*: **WoodWorks 2015 Wood Design Awards for Wood Building Construction.**

<http://www.woodworkingnetwork.com/wood-market-trends/woodworking-industry-trends-press-releases/WoodWorks-2015-Design-Awards-for-Wood-Building-Construction-301804881.html>

2015, *AIA Utah's Newsletter*: **Project Highlight: Project:ARCHITECTURE.**

08/15/2014, *Park City Record*: **U Community Solar can help Summit residents**, article on 125 Haus and UofU photovoltaic systems.

[http://www.parkrecord.com/summit\\_county-news/ci\\_26345292/u-community-solar-can-help-summit-residents](http://www.parkrecord.com/summit_county-news/ci_26345292/u-community-solar-can-help-summit-residents)

08/14/2014, *GS Blog*: **Girl Scout Convention Host has Awesome New Camp Facilities!**

<http://blog.girlscouts.org/2014/08/girl-scout-convention-host-has-awesome.html>

08/04/2014, *Fox 13 Salt Lake City*: **Girl Scouts, University of Utah team up for sustainable cabin project.**

<http://fox13now.com/2014/08/03/girl-scouts-university-of-utah-team-up-for-sustainable-cabin-project/>

08/02/2014, *KSL.com Utah*: **Girl Scouts teams up with U. to build energy-efficient cabins.**

<http://www.ksl.com/?nid=148&sid=30938460>

08/01/2014: *The Salt Lake Tribune*: **Utah Girl Scouts design sleek, sustainable Cabins - The collaboration with the University of Utah introduced girls to architecture and sustainable building.**

<http://www.sltrib.com/sltrib/news/58246893-78/utah-scouts-girl-cabins.html.csp>

<http://www.sltrib.com/news/1394065-155/scouts-girl-utah-cabins-girls-university>

07/2014, *Good4Utah.com*: **Utah Girl Scouts build three cabins at Camp Trefoil Ranch.**

[http://www.good4utah.com/story/d/story/utah-girl-scouts-build-three-cabins-at-camp-trefoi/32988/eu9YcPEhZkqSgkJTH\\_nacw](http://www.good4utah.com/story/d/story/utah-girl-scouts-build-three-cabins-at-camp-trefoi/32988/eu9YcPEhZkqSgkJTH_nacw)

07/31/2014, *Herald Media*: **Girl Scouts unveil new cabins at Camp Trefoil Ranch.**

[http://www.heraldextra.com/news/local/girl-scouts-unveil-new-cabins-at-camp-trefoil-ranch/article\\_eb384270-2668-52c0-99c0-9c81d4d55c00.html](http://www.heraldextra.com/news/local/girl-scouts-unveil-new-cabins-at-camp-trefoil-ranch/article_eb384270-2668-52c0-99c0-9c81d4d55c00.html)

07/31/2014, *Interview on ABC Utah News*: **New Cabins for the Girl Scouts of Utah.**

[http://www.good4utah.com/story/d/story/utah-girl-scouts-build-three-cabins-at-camp-trefoi/32988/eu9YcPEhZkqSgkJTH\\_nacw](http://www.good4utah.com/story/d/story/utah-girl-scouts-build-three-cabins-at-camp-trefoi/32988/eu9YcPEhZkqSgkJTH_nacw)

07/31/2014, *The Deseret News, Utah*: **University of Utah teams up with Girl Scouts to build Energy-Efficient Cabins.**

<http://www.deseretnews.com/article/865607827/U-teams-up-with-Girl-Scouts-to-build-energy-efficient-cabins.html>

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[http://unews.utah.edu/news\\_releases/archi-chicks-build-steam-skills-and-cabins/](http://unews.utah.edu/news_releases/archi-chicks-build-steam-skills-and-cabins/)

09/2013, *Catalyst Magazine*: **Passive By Design.**

<http://www.catalystmagazine.net/this-month/item/2507-passive-by-design>

06/11/2013, *The Salt Lake Tribune*: **Architects play with Big Blocks**, article on the *Sixtynine-Seventy* Urban Design International Competition Winner.

06/2013, *sixtynineseventy.com*: **Sixtynine-Seventy**, online project documentation of the 15 finalists of the international urban design competition.

<http://www.sixtynineseventy.com/finalists>

2013, *Downtown Salt Lake City, 2012-2013 Annual Report*: **Sixtynine-Seventy Wining Scheme Documentation.**

04/17/2013, *University of Utah News Center*: **U Architecture Students and Girl Scouts Build the Future.**

[http://unews.utah.edu/news\\_releases/u-architecture-students-and-girl-scouts-build-the-future/](http://unews.utah.edu/news_releases/u-architecture-students-and-girl-scouts-build-the-future/)

09/2013, *Architecture 2030's Latest Innovation for Global Transformation*: **125 Haus becomes part of the 2030 Palette.**

[http://2030palette.org/swatches/view/vegetative-cooling/125\\_haus\\_1.jpg](http://2030palette.org/swatches/view/vegetative-cooling/125_haus_1.jpg).

2013, *AIA Utah's Fall Newsletter*: **Project Highlight: Project:ARCHITECTURE.**

08/2012, *Presenting the Arch Daily Architecture School Guide*: **University of Utah 125 Haus, ITAC and Rügemer's impact of work onto the School of Architecture.**

<http://www.archdaily.com/257831/presenting-the-ad-architecture-school-guide-university-of-utah/#more-257831>

06/25/2012, *Wattvision's Blog*: **Utah's Most Energy Efficient and Cost Effective Home on Wattvision.**

<http://blog.wattvision.com/utahs-most-energy-efficient-home-on-wattvisio>

04/17/2012, *Grassroots Modern*: **125 Haus**

<http://www.grassrootsmodern.com/2012/04/17/125-haus/>

04/16/2012, *KSL 10 pm News report by Peter Rosen*: **U. professor shows energy efficient homes can be affordable.**

<http://www.ksl.com/?nid=148&sid=20024436>

01/17/2012, *Inhabitat – Design will save the World*: **125 Haus is Utah's Most Energy Efficient and Cost Effective Single Family House.**

<http://inhabitat.com/125-haus-is-utah's-most-energy-efficient-and-cost-effective-single-family-house/>

20/11/2012, *Continuum – The Magazine of the University of Utah, Vol. 21 No. 3*: **A House for the Future – One U Professor of Architecture's Mountain Home is an Experiment in Sustainability.**

<http://continuum.utah.edu/2011/11/a-house-for-the-future/>

01/2012, *Archinect*: **125 Haus** in CONTOURS: New, Energy-Efficient Technologies, Part 1.

<http://archinect.com/features/article/33911556/contours-new-energy-efficient-technologies-part-1>

01/27/2012, *Rehau Montana Ecosmart House Technical Summit*, Bozeman, MT: 125 Haus

<http://vimeo.com/35665053>

12/19/2011, *Interview in City Views with Jennifer Napier-Pearce on KCPW (NPR Utah) Radio*: **125 Haus going solar.**

<http://kcpw.org/blog/cityviews/2011-12-19/cityviews-12202011-peace-practicum/>

12/2011, *Lab Report XIV by Sherin Wing*: **125 Haus.**

<http://www.metropolismag.com/pov/20111207/lab-report-xiv#more-22109>

11/2011, *University of Utah Website's Front Page*: **125 Haus: A study in affordable and energy-efficient architecture.**

<http://www.utah.edu/videos.php#video>

11/30/2011, *FYI news, University of Utah*: **125 Haus in Park City completed.**

[http://fyi.utah.edu/archives/2011\\_11\\_30/story\\_14058.html](http://fyi.utah.edu/archives/2011_11_30/story_14058.html)

11/28/2011, *Website of the School of Architecture*: **125 Haus completed...Utah's most affordable, energy efficient home?**

<http://www.arch.utah.edu/news/?p=1290>

11/08/2011, *Talk show guest at the Mountain View Show with Terry Burdon, Park City Television*: **125 Haus to become Utah's most Energy-Efficient and Cost-Effective House.**

09/16/2011, *Salt Lake Tribune, Daily Utah Chronicle: Vol. 121, No. 16: U Professor looks to built Highly Efficient Home in Utah.*

09/2011, *Jetson Green: 125 Haus to showcase Next Gen Housing.*  
<http://www.jetsongreen.com/2011/06/125-haus-market-rate-passive-house-utah.html>

06/01/2011, *CA+P News & Events: Building green and affordable in a tough mountain climate.*  
<http://www.arch.utah.edu/news/?p=36>

05/10/2011, *Interview on KCPW (NPR Utah) Radio: Architect discusses Energy Efficient 125 Haus Project.*  
<http://kcpw.org/blog/local-news/2011-05-09/architect-discusses-energy-efficient-125-haus-project/>

## Invited Lectures

02/2020: **Resilience and Social Justice as a Framework for Architectural Education, Research and Practice.** *Penn State University, Stuckeman School For Architecture, State Park, PA.* Invited lecturer.

02/2020: **Sustainability, Resilience and Social Justice at the Intersection of Architectural Education, Research and Creative Practice.** *University of Arizona School of Architecture, Tucson, AZ.* Invited lecturer.

02/2020: **Sustainability, Resilience and Social Justice as a Driver towards better-built Environments.** *University of Maryland School of Architecture, Planning and Preservation, Maryland, MD.* Invited lecturer.

02/2020: **Architecture Can Save The World – AJR The Works 2020:** Invited lecture on resilient design strategies in professional practice, FFKR Architect, Salt Lake City, Utah. Invited lecturer.

12/2019: **The Aster Eco Farm and Village Concept and Masterplan:** Invited lecture at the 2019 Aster Impact / Aster Village Board Meeting, Zagreb, Croatia, and the City of Križevci, Croatia.

12/2018: **[Can] Smart Design .... Save the World - Smart Design can Save the World:** Invited lecture at the AIA Southern Utah Chapter, St. George, UT.

11/2018: **Sustainable and Affordable Design in Residential Buildings:** Invited lecture at the Sorensen Impact Center, Business Class, University of Utah.

09/2018: **The Field of Dreams EcoCommunity and Barn House Holladay – Site Net Zero Energy.** Panelist, presenter, 2018 Net Zero Energy Summit, Salt Lake City, Utah

09/2018: **Resilience and Affordability in Times of Climate Change:** Invited lecture in Ecological Planning in Cities, College of Architecture and Planning.

01/2018: **Less is More.** Salt Lake City: Clean Air Affair Pecha Kucha Night. Invited speaker.

10/2017: **Stay Hot and be Cool for Less.** *2017 International Bond Events, San Diego, CA.* Invited speaker.

10/2017: **Resilience in Affordable Housing.** *Fall 2017 Research Symposium, School of Architecture, University of Utah.* Invited speaker.

05/2017: **Promoting Best Practices for Building Innovation.** *The Utah Governor's Energy Summit*, Salt Lake City, UT. Invited speaker and panel moderator.

03/2017: **Practice at the Intersection of Research, Education, and Community Engagement.** *University of Oregon, Department of Architecture*, Eugene, OR. Invited lecturer.

03/2017: **The Field of Dreams Eco-Community.** *2017 Intermountain Sustainability Summit*, Weber State University, Utah. Invited speaker and panel moderator.

09/2016: **A Concern for Usefulness.** *2016 AIA Western Mountain Regional Conference*, Salt Lake City, UT. Invited speaker.

10/2016: **Field of Dreams Low Income Housing.** *20<sup>th</sup> Annual Utah Housing Matters Conference*, Utah Housing Coalition, Salt Lake City, UT. Invited lecturer.

12/2015: **Sustainable High Performance Architecture.** *2015 AIA Utah Sustainable Design Conference*, Salt Lake City, Utah. Invited speaker and panelist.

04/2015: **Architectural Strategies towards a Better Built Environment.** *ArchitekTour*, 2015 Annual National Polish Workshop Walbrzych, Poland. Invited lecturer.

01/2015: **Gehry Ghost.** *Karlsruhe Institute for Technology, Department of History and Theory*, Germany. Invited lecturer.

04/2014: **High Performance Architecture at Market Rate Cost.** *Florida International University, School of Architecture*, Miami, Florida. Invited lecturer.

04/2014: **Kleine Häuser.** *HafenCity University, Department of Architecture*, Hamburg, Germany. Invited lecturer.

04/2014: **Das Haus des Architekten.** *Cologne University of Applied Sciences, Department of Architecture*, Germany. Invited lecturer.

03/2014: **125 Haus in Park City – Sustainable Mountain Modern introduced to Utah.** *University of Utah, Department of Geography*, Salt Lake City, UT. Invited lecturer.

11/2013: **From Active to Passive – Strategies Towards a Better Built Environment.** *University of Utah, Department of Mechanical Engineering*. Salt Lake City, UT. Invited lecturer.

05/2013: **Saving Money and the Environment with your Own Home.** *United States Green Building Utah Chapter*. Salt Lake City, UT. Invited Panelist.

04/2013: **Combining Housing, Work and Services in Contemporary Architecture.** *Aalto University, School of Arts, Design and Architecture*, Espoo, Finland. Invited lecturer.

04/2013: **Design with Altitude – the 125 Haus.** *Lecture series: Sustainability in Action – A Mountain Speaker Series*. Park City, UT. Invited lecturer.

05/2012: **From Active to Passive – Strategies Towards a Better Built Environment.** *Northeastern University, Department of Civil and Environmental Engineering*, Boston, MA. Invited lecturer.

05/2012: **Energy-Efficiency for Everybody: The 125 Haus in Park City.** *Park City Institute*, Park City, UT. Invited lecturer.

02/2012: **Towards Net Zero Architecture.** *Northeastern University, Department of Architecture*, Boston, MA. Invited lecturer.

01/2012: **125 Haus.** Salt Lake City Pecha Kucha Night. Invited presenter.

01/2012: **Passive Design Strategies toward Net Zero Buildings.** *University of Southern California, School of Architecture*, USC Solar Decathlon Collaborative Research Studio. Invited lecturer and Studio Critique.

12/2011: **Interdisziplinäre Prozesse und Nachhaltige Architektur.** *Karlsruhe University of Technology, School of Architecture*, Germany. Invited lecturer.

11/2011: **The 125 Haus – Utah’s most Energy-Efficient and Cost-Effective House.** *Rehau Montana Lab House Technical Summit*, Bozeman, MT. Invited lecturer.

05/2011: **Design, Construction and Performance Analysis of Energy Efficient Residential Buildings in Park City, Utah – A Case Study: the 125 Haus in Utah.** 2011 American Solar-Energy Society, Raleigh, NC. Invited lecturer.

04/2011: **Towards Net Zero Architecture.** *Catholic University of America, School of Architecture*, Washington, DC. Invited lecturer.

03/2011: **Towards Net Zero Architecture.** *University of Illinois at Urbana-Champaign, School of Architecture*, Urbana-Champaign, IL. Invited lecturer.

12/2010: **Towards Net-Zero Buildings.** *Net-Zero Energy Building Design and Construction Workshop*, Salt Lake City, UT. Invited Speaker.

11/2010: **Ceci n’est pas une pipe.** *University of Utah, School of Architecture*, Salt Lake City, UT. Invited Brown Bag lecture series speaker.

11/2010: **The College of Architecture and Planning Net-Zero Initiative.** *AIA Utah Western Mountain Region WMR Annual Conference*. Invited speaker, co-presenters: K. Hill, M. Wander, R. Herman, S. Miller, C. Clark, L. Whoolery-Ramidan. Deer Valley, UT.

07/2010: **ITAC and the Utah Lab House Projects.** *University of Utah, College of Architecture and Planning*, Salt Lake City, UT. Invited in-class presentation for Urban Planning and Development class by S. Simenson.

06/2010: **Passive Strategies for Energy-Efficient Buildings.** *Munich University of Technology, School of Architecture*, Germany. Invited lecturer.

06/2010: **Energy Rating Comparison for Housing.** *AIA National Convention*, Miami, FL. Co-presented speaker invitation with Ryan Smith. Cancelled by AIA.

02/2010: **Sustainable Development along the Wasatch Front.** *Utah Valley Earth Forum*, Provo, UT. Invited speaker.

09/2008: **Sustainable Design and Digital Media - An AJR Work Report.** *University of Southern California USC, School of Architecture, Los Angeles, CA.* Invited lecturer.

05/2007: **Architectural Design and Representation in the Architectural Education.** *Munich University of Technology, School of Architecture, Germany.* Invited lecturer.

01/2007: **Retail Architecture redefined.** *Bau 2007 Convention, Munich, Germany.* Invited lecturer.

11/2006: **KoopX – A Work Report.** *2006 Ecobuild Shanghai - Joint Effort of the Cities of Hamburg, Germany, and Shanghai, China. Shanghai, P.R. China.* Invited lecturer.

10/2006: **Global Practice for a Flat World.** *AIA Utah Annual Conference, Sandy, UT.* Invited speaker.

06/2006: **The World is Perception.** *Karlsruhe University of Technology, School of Architecture, Germany.* Invited lecturer.

02/2006: **The World is Perception.** *University of Washington, College of Architecture, Seattle, WA.* Invited lecturer.

02/2006: **AJR Work Report.** *University of Utah, College of Architecture + Planning, Salt Lake City, UT.* Invited lecturer.

01/2006: **The World is Perception.** *Bremen University of the Arts, Germany.* Invited lecturer.

11/2005: **The Digital Representation of Unbuilt Perceptions.** *Florida International University, School of Architecture, Miami, FL.* Invited lecturer.

06/2005: **Form Follows Strategy - Urban and Architectural Strategies.** *Mainz University of Applied Sciences, School of Architecture, Germany.* Invited lecturer.

05/2005: **Digital Design and Media - A Work Report.** *Florida International University, School of Architecture, Miami, FL.* Invited lecturer.

04/2005: **Entwurfsmethodik und Gestaltungsprinzipien.** *Bremen University of Applied Sciences, School of Architecture, Germany.* Invited lecturer.

09/2004: **AJR and KoopX - A Project Report on Cooperative, Interdisciplinary Work.** *Shanghai Department of Planning. Co-presenter: M. Hagel, D. Elger. Shanghai, P.R. China.* Invited speaker.

03/2004: **Networking in Architecture.** *Dessau University of Applied Sciences, School of Architecture, Germany.* Invited lecturer.

03/2003: **The Development of Space in Virtual Reality.** *Kaiserslautern University of Applied Sciences, School of Architecture, Germany.* Invited lecturer.

09/2002: **5 Axioms of Design.** *Aachen University of Applied Sciences, School of Architecture, Germany.* Invited lecturer.

11/2001: **Computer Supported Design and Construction.** *Bauhaus University Weimar, School of Architecture, Weimar, Germany.* Invited lecturer.

07/2001: **Temporary Architecture and Light Structures.** *Bremen University of the Arts, Germany.* Invited lecturer.

01/2001: **Digital-Interdisciplinary Design Methods.** *Aachen University of Technology, School of Architecture, Germany.* Invited lecturer.

07/2000: **Digital Design and Construction Processes.** *Bremen University of the Arts, Germany.* Invited lecturer.

02/2000: **Computer-Supported Architectural Design and Construction.** *University of Wuppertal, School of Architecture, Germany.* Invited lecturer.

08/1999: **Virtual Design Studios in the Architectural Education.** *Brandenburg University of Technology, School of Architecture, Cottbus, Germany.* Invited lecturer.

05/1998. **Building within Context.** *Southern California Institute of Architecture, Vico Morcote Campus, Tessin, Switzerland.* Invited presentation.

## Exhibitions of Professional Work and Performances

**Slim House.** Salt Lake City Innovative Housing Competition, Salt Lake City, UT:

- 09/2019: *Design Arts Utah Exhibition.* Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue.* Utah Arts Council, Salt Lake City, UT.

**Field of Dreams EcoCommunity.** Kearns, UT:

- 09/2018-10/2018: *Design Arts Utah Exhibition.* Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue.* Utah Arts Council, Salt Lake City, UT.
- 12/2016-05/2017: *'Where Children Sleep,'* The Leonardo – Museum for Contemporary Science Technology and Art, Salt Lake City, UT. Exhibit of the Design Process and Building Design of the Field of Dreams Eco-Community.

**Project:ARCHITECTURE - The Girl Scouts of Utah Summer Cabins.** Provo Canyon, UT:

- 09/2016 - 05/2017: *Timber City Exhibition,* National Building Museum, Washington, D.C. Timber City demonstrates the many advantages offered by cutting-edge methods of timber manufacturing and construction, and draws attention to the recent boom in timber building projects worldwide.
- 2014: *Design Arts Utah Exhibition.* Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue.* Utah Arts Council, Salt Lake City, UT.
- 2014: *Strut - Juried Exhibition of Faculty Work,* Marriott Library, Salt Lake City, UT.



**What is Your Re?** Salt Lake City, UT:

- 2014: *Art Installation*, The Temporary Museum of Permanent Change, Salt Lake City. In collaboration with Charlotte Greub.

**Neubebauung Rentzelstraße Hamburg.** Hamburg, Germany:

- 2014: *Exhibition of Competition Results* of the Rentzelstrasse Development, City Hall, City of Hamburg, Germany.

**The Denver Superefficient Housing Challenge.** Denver, CO:

- 01/2014: *The Denver Superefficient Housing Challenge*. Denver Housing Authority Gallery, Denver, CO.
- 2014: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.

**Sixty-nine-Seventy – The Spaces Inbetween.** Salt Lake City, UT:

- 2013: *Exhibition of the 15 finalist projects* of the international urban design competition, The Leonardo – Museum for Contemporary Science Technology and Art, Salt Lake City, UT.

**LIDL Markt am Alten Meßplatz.** Mannheim, Germany:

- 2007: *10 / 400: 10 Jahre Stadtentwicklung / 400 Jahre Stadt Mannheim*. Reiss-Engelhorn-Museum, Museum Zeughauss, Mannheim, Germany. National exhibition about perspectives, project processes and developments in the City of Mannheim for its 400th city anniversary. Mannheim, Germany.
- 2008: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.

**Kurpfalzachse Mannheim.** Mannheim, Germany:

- 2007: *10 / 400: 10 Jahre Stadtentwicklung / 400 Jahre Stadt Mannheim*. Reiss-Engelhorn-Museum, Museum Zeughauss, Mannheim, Germany. National exhibition about perspectives, project processes and developments in the City of Mannheim for its 400th city anniversary. Mannheim, Germany.

**Cultural Forum Westfalen.** Münster, Germany:

- 2003: *National exhibition of competition results*, Münster Convention Center, Münster, Germany.

**125 Haus.** Park City, UT:

- 2013: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.
- 2011-2013: **Future Utah** – *What kind of life do we want for ourselves, our children, and future generations?* Natural History Museum of Utah, Salt Lake City, UT.  
<http://nhmu.utah.edu/museum/exhibits/utah-futures>

- 02/24/2011: AIA Utah initiative: *Support to communicate to the Legislature: High Performance Buildings – More Investment Capital*. Salt Lake City State Capitol, UT.
- 10/2011: *Energy Efficient Housing*. Salt Lake City Public Library.

**Director’s Office, School of Architecture**. Salt Lake City, UT:

- 2010: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.

**Grunewald Manufacturing Facilities**. Bocholt, Germany:

- 2010: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.

**City Hall Crailsheim**. Crailsheim, Germany:

- 2010: *Exhibition of competition results*, City Hall of Crailsheim, Germany.

**Summit Park Treehouse**. Park City, UT:

- 2009: *Design Arts Utah Exhibition*. Rio Grande Gallery, Salt Lake City, UT. Published in: *Design Arts Utah Exhibition Catalogue*. Utah Arts Council, Salt Lake City, UT.

**Housing for The Elderly**. Egg, Austria:

- 2009: *Exhibition of competition results*, Town Hall, City of Egg, Austria.

**Shopping Center Heidelberg-Rohrbach**. Heidelberg, Germany:

- 2008: *Exhibition of competition results*, Department of Planning, City of Heidelberg, Germany.

**Cultural-Scientific Center and Library for the Department of Philosophy**. Göttingen, Germany:

- 2007: *Exhibition of competition results*, City Hall, City of Göttingen, Germany.

**AJR Atelier Jörg Rügemer - The Works**. Miami, FL:

- 2006: *BEA International Gallery*, Miami, FL.

**Case Study House No 5**. Roanoke, VA:

- 2005: *Exhibition of competition results*. Art Museum of Western Virginia, Roanoke, VA.

**Housing for Elderly**. Bürmoos, Austria:

- 2004: *Exhibition of competition results*, Department of Planning, Community of Bürmoos, Austria.

**Community Center Vaterstetten**. Germany:

- 2004: *Exhibition of competition results*, Town Hall Vaterstetten, Germany.

**Generationen Wohnen Bielefeld**. Bielefeld, Germany:

- 2003: *Generation Wohnen Exhibit*. House of the Architects, Düsseldorf, Germany.

**Kölner Bänke**. Cologne, Germany:

- 2001: *Urban intervention in the Cityscape of Cologne*, Plan 2001 - Forum of current architecture in Cologne, Germany.

**ETH World Zürich**. Zurich, Switzerland:

- 2000: *Exhibition of finalist competition results*. ETH Zürich Main Building, Zurich, Switzerland.

**Eureka!** Eureka Valley Sand Dunes, CA:

- 02/1996: *Interactive Performance*, Eureka Valley Sand Dunes, CA.

**Freedom**. Southern California Institute of Architecture, Los Angeles, CA:

- 01/1995: *An Interactive Fulfillment of the American Dream of Driving*, Southern California Institute of Architecture, Los Angeles, CA.

## **Teaching**

### **Program Development**

2018: Gangi, Italy: Design+Build explorations: Explorative travel to Gangi, Sicily, to evaluate the potential of establishing a long-term College of Architecture and Planning Design+Build campus.

2016 to 2020: **Founder, Director**, Design+Build Salt Lake City. This immersive program was initiated, developed and implemented during the AYs 2018-19 and 2019-20 by Jörg Rügemer, to serve as a community-linked, research-driven design incubator and test bed for affordable, resilient and healthy residential buildings. The program's first realized project is the Kunga ADU (Accessory Dwelling Unit), which was designed as close to Passive House standards as budget would allow, is Post-Occupancy monitored, and was occupied during fall 2020.

2007 - 2010: Director, GAUSS – Global Architectural and Urban Studio Series – University of Utah Study Abroad Program.

### **Teaching and Other Grants**

2017 - 2018: **The Box – Heat Transfer Exploration**. Principal Investigator. University of Utah Sustainable Campus Initiative Fund (SCIF), **\$1,149.13**. Financial support for the development of an in-class heat transfer experiment for ARCH 6352 and other classes, Experiment to be included in future syllabi of ARCH 6352 and other classes.

2014 - 2015: **WUFI Passive Software for Architectural Studio and Class Application**. Principal Investigator. University of Utah Teaching Grant, **\$3,480**. Purchase and implementation of complex energy-modeling software into SoA classes.

2012: **Certified Passive House Training Program for Architectural Class Application**. Principal Investigator. University of Utah Teaching Grant, **\$3,450**. Participation in a 9-day intense workshop training for the Passive House Planning Package PHPP for class implementation.

2010 - 2011: **Net Zero Energy Education**. Principal Investigator. University of Utah Sustainable Campus Initiative Fund (SCIF), **\$6,000**. Development of a sustainability course that proposes and quantifies energy efficiency strategies for the College of Architecture and Planning retrofit project.

2010 – 2011: **Purchase of Styrocut Styrofoam cutters for architectural design studio model making**. Principal Investigator. University of Utah Teaching Grant, **\$3,500**. Purchase of 8 high-precision Hot Wire Styrofoam Cutters for the architectural studio environments at the School of Architecture, University of Utah.

Spring 2010: **Integrated Technology in Architecture Program (ITAP)**. Student led industry collaborative studio. Twelve company involvement totaling **\$10,000** in kind. Organizers: Ryan Smith and Jörg Rügemer.

Spring 2010: **Simulation Modeling in the Architecture Studio**. Autodesk **\$10,000** in kind software and training. Three training seminars by Autodesk education trainer in REVIT and Ecotect. Organizers: Ryan Smith and Jörg Rügemer.

05/2009: **The Global Architectural and Urban Studio Series (GAUSS)**. Principal Investigator. University of Utah Teaching Grant, **\$2,500**. Exploration of future collaborations with several Graduate Schools of Architecture in Germany and Switzerland.

Spring 1999: **Karlsruhe University of Technology Studio Travel Grant**. Principal Investigator. Financial support for the spring 1999 travel studio: "Desert Cities and Hyper Growth" to Las Vegas and Los Angeles, DM 6,754.50 (approx. **\$3,500**).

## **Student Sponsorship and Advising**

2020 Design+Build Salt Lake. Educational construction Project. Funding for two RA positions throughout spring semester 2020.

2018 - 2019: Post Occupancy Energy Monitoring Field of Dreams. Research Project with Salt Lake Valley Habitat for Humanity. Funding for one RA position throughout the AY 2018 - 2019.

2017 - 2018: Post Occupancy Energy Monitoring Field of Dreams. Research Project with Salt Lake Valley Habitat for Humanity. Funding for one RA position throughout the AY 2017 - 2018.

Fall 2016: Design Build Salt Lake City. Research Project with the Salt Lake City Corporation, 3 Research Assistants during the 2016 fall term: Eric Blyth, Katja Lund, Matthew Myers.

1997 - 2002 and 2014 - 2015: Diploma advisor. School of Architecture, Cottbus University of Technology; School of Architecture, Karlsruhe University of Technology, Germany.

2012 - 2014: Student Mentor, AIAS Utah.

2011 - 2013: Project Advisor for Batty, J., *Honors Housing Green Innovation Initiative*.

2011 - 2012: Bakhsheshi, P., Integrated Technology in Architecture Center Research Assistant for 125 Haus System Development.

2010 - 2011: Batty, J., Integrated Technology in Architecture Center Research Assistant.

2010: Jannumahanthi, M., Comprehensive Energy Monitoring and Analysis of a Near Zero Energy Home. Master of Mechanical Engineering Thesis Committee, University of Utah.

2010: Lyman, L., Atherton, M., Russell, N.. Re-Designing the Plaza. Urban Competition, independent study project advisor, School of Architecture, University of Utah.

2009 - 2010: Yribar, S., Manufacturing Emergence. Thesis advisor, School of Architecture, University of Utah.

Summer, Fall 2009: Gill, J., Lane, T., Integrated Technology in Architecture Center Research Assistants. Snow Creek Simulation and Monitoring Project. University of Utah.

Fall 2008: Källåker, K., Design-Built of the Farmington Residence. Independent study advisor, School of Architecture, University of Utah.

Spring 2008: Nielson, B., Meyers, J., Reassessing Commercial Architecture. Independent Study Advisor. School of Architecture, University of Utah.

Fall 2007: Bedingfield, E., Green: The new Pink. Independent study advisor. School of Architecture, University of Utah.

Spring 2006: Parking as a Paradigm / Miami Cultural Center. Thesis advisor. Consultation of individual thesis projects as final conclusion of the three-year master program. School of Architecture, Florida International University, Miami.

## **Teaching and Design Studio Exhibitions**

### **ARCH 6016 ITAP 2012: Studio 0<sup>e</sup> (Net Zero)**. Park City, UT:

- May 2012: Display, presentation and discussion of the final studio results through students and instructor to Park City City Council,

### **Architecture – Rethink Reuse Recycle**. Salt Lake City, UT:

- 11/2011: Bailey Hall, School of Architecture, University of Utah. Exhibit of the results of the research based seminar ARCH 6352: *Net Zero Energy Education*. The work showed the passive design approach to the net-zero potential of the 1970 School of Architecture building at the University of Utah. <http://rethink.arch.utah.edu/>

### **Contemporary Architecture in Germany, Switzerland, and Austria**. Salt Lake City, UT:

- 12/2008: Presentation of the results of the seminar. School of Architecture, University of Utah.

**Römerberg Frankfurt Studio.** Salt Lake City, UT:

- 12/2007: Presentation of the results of the GAUSS I Frankfurt studio. School of Architecture, University of Utah.

**Suomi - Summer Solstice.** Weimar, Germany:

- 07/2002: Installation of a temporary pavilion at the Bauhaus University Weimar. Interdisciplinary design project in Collaboration with the Universities of Cottbus, Karlsruhe, Weimar, Germany.

**Liquid Campus.** Frankfurt/Main, Germany:

- 07/2001: Presentation and exhibition of the interdisciplinary design project: Liquid Campus, in collaboration with the universities of Cottbus, Kaiserslautern, Karlsruhe, Siegen and Weimar. Museum for Communication, Frankfurt/Main, Germany.

**Virtual University, Expo 2000 / Holzmühle.** Berlin, Germany:

- 07/2000: Presentation and exhibition of the interdisciplinary virtual design project in collaboration with the universities of Cottbus, Kaiserslautern and Karlsruhe. German Architekturzentrum Berlin – DAZ.

**Der Netzentwurf, Jahrhundertwenden 1000-2000.** Karlsruhe, Germany:

- 1999 - 2000: Exhibition of the web-based design concept of the Netzentwurf in Jahrhundertwenden: 1000-2000. Badisches Landesmuseum Karlsruhe, Germany.

**Freedom.** Los Angeles, CA:

- 01/1995: An interactive fulfillment of the American Dream of Driving. Southern California Institute of Architecture, Los Angeles.

## **Major Course Preparations**

2020: *ARCH 3375 Building Resilience.* 3-module class that introduces students to physical processes in architecture including fluid dynamics, thermodynamics and rules of heat transfer, to lay the base for passive performative design in architecture. The second module covers all aspects of building illumination, including daylighting and artificial lighting, and applies both rules of thumb and quantitative simulation methods to understand the metric of building illumination. Module three discusses building energy, the application of such methods into passive house design, and lean building technology.

2016 – 2020: *Design+Build Salt Lake Program.* Design+Build Salt Lake is a partnership, program and immersive experience where University of Utah School of Architecture students develop, design and construct affordable, energy efficient residential buildings – from the first sketch to the final construction – along local Salt Lake Valley neighborhoods. Jörg Rügemer is founder, developer and Program Director.

2015 - 2018: *ARCH 2611/3611 Sustainable Design of the Build Environment.* Given the importance of sustainability and resilient design in facing the environmental challenges of the contemporary built environment, this introductory, pre-major and later first year architecture class teaches an understanding of sustainable urban and architectural planning and design strategies, thus clearly comprehend the context in which cities and buildings are created. Giving basic introductions to such principles, the course begins with

an introduction to the city and its history, leading over to the building scale, explaining each through abstract and empirical methods. Historic and contemporary case study examples are used to contextualize the concepts, demonstrating how, taken together, they can provide an explanation of the specific design response. Basic concepts such as water distribution, heat transfer, daylighting, building envelope, structural efficiency and the nature of materials are used on the building level to explain how humans have adapted to a wide range of physical environments through the design of shelters and their environmental contexts. In 2017 the class is approved for *Gen Ed Applied Sciences*.

2010 - 2013: *Integrated Technology in Architecture Program*. An 8-credit class that integrates a full design studio and the technology class: "Sustainable Design", to help participants to develop comprehensive strategies towards a truly sustainable, passive, high performance, energy-efficient and modern architecture.

2011 - 2014: *Sustainable Urban and Site Planning*. Lecture Series for Undergraduate Students. School of Architecture, University of Utah, USA. Accepted as an *MRED Credited Class* in 2012.

2007 - 2010: *Global Architectural and Urban Studio Series GAUSS*. Comprehensive international studio series. University of Utah Study Abroad Program.

2008 - present: *Sustainable Design*, ARCH 6370/6352 (partly taught in ITAP). Passive strategies and technology seminar. School of Architecture, University of Utah.

2006 - 2011: *Sustainable / European Urban Design and Theory*, ARCH 6271. Theory seminar. School of Architecture, University of Utah.

2005: *Architecture of Transformation*, ARCH 5176C. The Influence of Digital processes on the Design Development in global Architectural offices. Lecture series. Florida International University, Miami.

1999 - 2002: *Computer-Supported Architectural Design and Construction*. Application of new media in design and concept development. Lecture series. Chair for CAD and Architectural Design, Brandenburg University of Technology, Cottbus, Germany.

1997 - 1999: *CAD today - Digital Design Media*. Introduction to the computer-aided design and work practice. Lecture series. Institute for the Industrial Production of Buildings, University of Technology, Karlsruhe, Germany.

## Teaching Activities

Spring 2020: ARCH 6373 Continuation: *Design+Build Salt Lake City Build Semester*. Graduate Design Built towards the completion of the Kunga ADU in Salt Lake City. 6 credits. ARCH 4872/6960 Construction Experience is included in this semester, also including undergraduate students to the construction efforts. <https://www.designbuildsaltlake.org>

Fall 2019: ARCH 6373: *Design+Build Salt Lake City Build Semester*. Graduate Design Built towards the completion of the Kunga ADU in Salt Lake City. 6 credits. <https://www.designbuildsaltlake.org>

Summer 2019: ARCH 6016: *Design+Build Salt Lake City Studio*. Graduate Design Studio for a high performance, cost-effective Accessory Dwelling Unit development for the Kunga Family in Salt Lake City. Development, Design, Energy Modeling and Construction Documents. 5 credits.  
<https://www.designbuildsaltlake.org>

Spring 2019: ARCH 6971: *Cuba Final Master Studio*. Final Graduate Design Studio that took the students on a Field Trip to Havana, Cuba in Fall 2018, with the group of 22 students working on individual projects within the City Limits of Havana. Co-taught with Professor Stephen Tobler. 5 credits.

Fall 2018: ARCH 6373: *Design+Build Salt Lake City Beta Build Semester*. Graduate Design Built towards the completion of Units 9&10 at the Field of Dreams EcoCommunity in Kearns, UT. 6 credits.  
<https://www.designbuildsaltlake.org>

Spring 2018: ARCH 6016: *Design+Build Salt Lake City Beta Studio*. Graduate Design Studio for a high performance, cost-effective 3 + 3 ADU Unit development for the Salt Lake City Corporation. Development, Design, Energy Modeling and Construction Documents. 5 credits.  
<https://www.designbuildsaltlake.org>

Spring 2018: ARCH 2611: *Sustainable Design of the Build Environment*. Pre-major introductory class to the field of architecture, urban design, and physics in architecture. School of Architecture, University of Utah. 3 credits.

Fall 2017: ARCH 6015: *Graduate Studio*. Vertical Urban Farming in Salt Lake City, Utah. School of Architecture, University of Utah. 5 credits.

Fall 2017: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Summer 2017: ARCH 2611: *Sustainable Design of the Build Environment*. Pre-major introductory class to the field of architecture, urban design, and physics in architecture. School of Architecture, University of Utah. 3 credits.

Spring 2017: ARCH 4011/6011: *Napa Valley Winery*. Fourth year undergraduate final studio that covers the design of a Winery on a site in Napa Valley, CA. School of Architecture, University of Utah. 5 credits.

Spring 2017: ARCH 2611: *Sustainable Design of the Build Environment*. Pre-major introductory class to the field of architecture, urban design, and physics in architecture. School of Architecture, University of Utah. 3 credits.

Fall 2016: ARCH 6015: *Graduate Studio*. Integrated design of a Medical Spa in Park City, Utah. School of Architecture, University of Utah. 5 credits.

Fall 2016: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Spring 2016: ARCH 4011/6011: *Park City Winery*. Fourth year undergraduate final studio that covers the design of a Winery on two different sites – Park City, UT, and Napa Valley, CA. School of Architecture, University of Utah. 5 credits.

Spring 2016: ARCH 2611: *Sustainable Design of the Build Environment*. Pre-major introductory class to the field of architecture, urban design, and physics in architecture. School of Architecture, University of Utah. 3 credits.



Fall 2015: ARCH 6015: *Graduate Studio*. Integrated design of a sustainable high rise building in Salt Lake City downtown. School of Architecture, University of Utah. 5 credits.

Fall 2015: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.  
Spring 2015: *Urban Revival – Walbrzych, Poland*. Collaborative Urban Design Strategic studio. Poznan University of Technology, Gdansk University of Technology, and Poznan Art University. Walbrzych, Poland. 2 credits.

Spring 2015: *Winery at Kaiserstuhl*. Integrated design studio. BLM, Institut für Entwerfen und Bauen, Karlsruhe Institut für Technologie. Germany. 6 credits.

Fall 2014: *Energy Efficient High Rise in Düsseldorf*. Design studio, VDI Competition for integrated planning. BLM, Institut für Entwerfen und Bauen, Karlsruhe Institut für Technologie. Germany. 6 credits.

Fall 2014: *High-Performance Architektur*. Seminar. BLM, Institut für Entwerfen und Bauen, Karlsruhe Institut für Technologie. Germany. 3 credits.

Summer 2014: ARCH 6971 *Final Graduate Studio: The Chicago Cermak Studio*. University of Utah. 5 credits.

Summer 2014: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Spring 2014: ARCH 4011/6011: *Major II Housing +*. Fourth year undergraduate final studio that covers densified urban housing in Salt Lake City. Co-developed with R. Smith (Chair), D. Hofman, L. Haslam. College of Architecture and Planning, University of Utah, USA. 5 credits.

Fall 2013 – Spring 2014: ARCH 6016: *The Denver Superefficient Housing Challenge*. Graduate Design Studio for a high performance, cost-effective Passive Row House for the Denver Housing Authority. Development, Design, Energy Modeling and Construction Documents. Construction anticipated for summer 2014. 5 credits.

Fall 2013: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. In combination with ARCH 6016: *The Denver Superefficient Housing Challenge*. 3 credits.

Spring 2013: ARCH 6016: *Despecto Hotel*. Graduate Design Studio for a high-end hotel in the Navajo Tribal Park in Monument Valley, Utah. School of Architecture, University of Utah. 5 credits.

Spring 2013: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Fall 2012: ARCH 6015: *Comprehensive Studio*. Chair, co-developed with P. Muir, S. Tobler. School of Architecture, University of Utah. 5 credits.

Fall 2011, 2012: ARCH 4112: *Sustainable Urban and Site Planning*. Lecture Series for Undergraduate Students. School of Architecture, University of Utah, USA. 3 credits.

Spring 2012: ARCH 6016 ITAP 2012: *Studio 0°* (Net Zero). Graduate Design Studio that explored the potential of net zero energy urban renewal in Park City, Utah. School of Architecture, University of Utah. 5 credits.

Spring 2012: ARCH 6352 ITAP 2012: *Studio 0° Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Spring 2011: ARCH 6352: *Net Zero Energy Education*. School of Architecture, University of Utah, USA. 3 credits.

Spring 2011: ARCH 4010/6010: *Major II Final Undergraduate Studio*. Chair, co-developed with P. Tripeny, M. Bagnasacco, L. Haslam. School of Architecture, University of Utah, USA. 5 credits.

Summer 2010: ARCH 6005: *GAUSS II - Global Architectural and Urban Studio Series*, Salt Lake City, Stuttgart. International design studio and theory seminar in collaboration with the School of Architecture, University of Stuttgart, Germany, Prof. Markus Allmann, and Munich University of Technology, Prof. Mark Mückenheim  
School of Architecture, University of Utah, USA. 5 credits.

Spring 2010: ARCH 6352 ITAP 2010: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Spring 2010: ARCH 6016 ITAP 2010: *Urban Densification*. School of Architecture, University of Utah. 5 credits.

Fall 2009: ARCH 6271: *Urban Design and Theory*. School of Architecture, University of Utah. 3 credits.

Fall 2009: ARCH 3010: *Major I First Year Studio*. Chair, co-developed with J. Gines and S. Masse. School of Architecture, University of Utah. 5 credits.

Spring 2009: ARCH 6017: *Architecture that Creates Community*. Final graduate design studio that addresses the dwelling unit as the defining (community) element of urban form that is the cell out which the urban structure is built. School of Architecture, University of Utah. 5 credits.

Spring 2009: ARCH 6352: *Sustainable Design*. School of Architecture, University of Utah. 3 credits.

Fall 2008: ARCH 6271: *Contemporary Architecture in Germany, Switzerland, and Austria*. Based on a theoretical discourse on the development of modern architecture in mid-Europe and an analysis of the American vs. the European dream, the class explores contemporary forms of Architecture in Germany, Switzerland and Austria. Essential part of the class is a 3-week field trip to above-mentioned countries. School of Architecture, University of Utah. 3 credits.

Fall 2008: ARCH 4010/6010: *Major II Dwelling / Urban Densification on the Westside of Salt Lake City*. Fourth year undergraduate studio that covers two projects: the dwelling for a character of W. Faulkners: *As I Lay Dying*, and a mixed-use urban development on the west side of Salt Lake City as a project for urban densification. Co-developed with A. Mooney (Chair), B. Scheer. College of Architecture and Planning, University of Utah. 5 credits.

Summer 2008: ARCH 6012: *3 + Intensive Design Studio*. An intensive "Jump Start" studio for new graduate students that come from a different, non-architectural background. College of Architecture and Planning, University of Utah. 5 credits.

Spring 2008: ARCH 6017: *Generations Reside*. Final graduate design studio that addresses aspects of urban densification, expression of the built structure, social possibilities and living conditions in the downtown environment of Salt Lake City. College of Architecture and Planning, University of Utah. 5 credits.

Spring 2008: ARCH 6370: *Sustainable Strategies in Architecture*. This seminar is an approach to architectural design strategies that emphasize the place of buildings within local ecosystems and the global environment. The course is a combined lecture-seminar structure; it is based on an initial analysis of the participant's own ecological footprint, continuing with the analysis of case studies, precedences, and paper presentations on technical issues and aspects of sustainable architecture. The final project is the design and analysis of a low-energy building. College of Architecture and Planning, University of Utah. 3 credits.

Fall 2007: ARCH 6017: *GAUSS I - Global Architectural and Urban Studio Series Römerberg Studio*. Comprehensive, interdisciplinary design studio that addresses sustainable urban infill on a site in the historic City Center of Frankfurt, Germany. As a study part of the project the studio travelled through Germany, Austria, and Switzerland. In cooperation with the Department of Planning, City of Frankfurt, and the Dessau Institute of Architecture DIA, Hochschule Anhalt/Dessau, Prof. Alfred Jacobi. College of Architecture and Planning, University of Utah. 5 credits.

Fall 2007: ARCH 6271: *Sustainable Urban Design and Theory - Salt Lake City Scan*. The seminar communicates strategies for a sustainable development of our urban as well as built environment. The course is based on a variety of lectures, readings, and group discussions, covering town development both in Europe and in the U.S., beginning as far back as the Garden City, including Le Corbusier's visions of the modern city, and examining the movement of New Urbanism and the phenomena of suburbia. Urban growth and tendencies in the U.S. are compared with those in Europe and Asia, current developments and global trends are discussed and analyzed. College of Architecture and Planning, University of Utah. 3 credits.

Spring 2007: ARCH 6015: *Pimp my Box*. Comprehensive, interdisciplinary, experimental design studio, which is based on the study of spatial dynamics and movement of dancers. In collaboration with the Department of Modern Dance, University of Utah, Assistant Professor Eric Handman. College of Architecture and Planning, University of Utah. 5 credits.

Fall 2006: ARCH 4010/6010: *Major II Entrada Ranch Project / Center for Documentary Studies*. Fourth year undergraduate studio with two projects: The Entrada Ranch Project, Southern Utah; and the Center for Documentary Studies in Salt Lake City. Covering the two different projects that were located in controversial settings, the studio dealt with a critical analysis of built structures in the rural as well as the urban environment. Co-developed with B. Miller (Chair), R. Smith, and R. Church. College of Architecture and Planning, University of Utah. 5 credits.

Fall 2006: ARCH 6271: *Urban Design and Theory*. College of Architecture and Planning, University of Utah. 3 credits.

Spring 2006: ARCH 5176C: *Architecture of Transformation*. A theoretical discourse about the influence of digital development methods on the design process and the possible authority of computer aided manufacturing on buildings. School of Architecture, Florida International University, Miami. 3 credits.

Spring 2006: ARCH 2304: *Miami Beach Wolfsonian Annex*. Interdisciplinary undergraduate design studio that explores possibilities to transform an existing annex of the Miami Beach Wolfsonian Museum into an open storage facility. The project was conducted in collaboration with the museum administration. School of Architecture, Florida International University, Miami. 5 credits.

Spring 2006: *Parking as a Paradigm / Miami Cultural Center*. Consultation of individual thesis projects as final conclusion of the three-year master program. School of Architecture, Florida International University, Miami. 5 credits.

Fall 2005: ARCH 4324: *Coral Gables Cinemateque*. Undergraduate design studio that incorporated the design of a small, neighborhood cinema and cultural complex on an infill lot in Coral Gables, Miami. School of Architecture, Florida International University, Miami. 5 credits.

Fall 2004. *Interference Berlin*. Design and Gestalt project at the School of Architecture, University of Applied Sciences Bremen, Germany. 5 credits.

1997 - 2002: *Diverse Design and Web Based Design™ Studios*. Development of an Internet-based architectural design platform for integral, interdisciplinary project planning at the Institute for the Industrial Production of Buildings (Prof. Dr. Niklaus Kohler), Karlsruhe University of Technology, and the Department for CAD and Architectural Design (Chair Prof. Jörg Rügemer), Brandenburg University of Technology in Cottbus, Germany. 6 Credits per studio. 10 different design studios have been taught between 1997 and 2002.

Spring 2002: *Algodes*. Computer based experimental digital design workshop. Department for Architectural Design and CAD. School of Architecture, Brandenburg University of Technology, Cottbus, Germany. 6 credits.

Spring / Summer 2002: *Suomi - Helsinki*. Interdisciplinary design project. Department for Architectural Design and CAD. School of Architecture, Brandenburg University of Technology, Cottbus, Germany. Collaborators: University of Technology, Aachen; University of Technology, Karlsruhe; Bauhaus University Weimar. 6 credits.

Spring 2001: *Urbicles*. Computer based experimental digital design workshop. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. 6 credits.

Spring / Summer 2001: *Liquid Campus*. Interdisciplinary design project for a virtual university. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. Collaborators: University of Technology, Aachen; University of Technology, Karlsruhe; University of Kaiserslautern; Bauhaus University Weimar. 6 credits.

Spring 2000: *Expo 2000 / Holzmühle*. Interdisciplinary web based design studio as a design stock exchange project. Topics included the sustainable redevelopment of existing buildings and the EXPO 2000 Hannover Pavilions. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. Collaborators: Karlsruhe University of Technology; University of Kaiserslautern; Bauhaus University Weimar. 6 credits.

Spring 2000: *160 Custom-Made*. Computer based experimental digital design workshop. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. 6 credits.

Summer/Fall 2000: *New York, New York*. Seminar and excursion to New York. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. 3 credits.

Fall 1999: *Zukunft GmbH*. Interdisciplinary web based design studio. Department for Architectural Design and CAD, School of Architecture, Brandenburg University of Technology, Cottbus, Germany. Collaborators: Karlsruhe University of Technology. 6 credits.

Spring 1999: *Desert Cities and Hyper Growth*. Seminar and excursion to Las Vegas and Los Angeles. Institute for the Industrial Production of Buildings, School of Architecture, Karlsruhe University of Technology, Germany. 3 credits.

### **Final Diploma Studios (Germany)**

Spring/summer 2015: *Civic Neighborhood Center*. Final Diploma. BLM, Institut für Entwerfen und Bauen, Karlsruhe Institut für Technologie, Germany. 6 credits.

Spring 1997: *Living Bridges*. Architectural thesis for the exploration of possible urban densification potentials by inhabiting existing Rhine River bridges in Cologne, Germany. Institute for the Industrial Production of Buildings, School of Architecture, Karlsruhe University of Technology, Germany. 6 credits.

Fall 1998: *Poster Museum Emmerich*. Interdisciplinary design studio and workshop in Emmerich, Germany, in collaboration with the University of Applied Sciences, Cologne, Germany. Institute for the Industrial Production of Buildings, School of Architecture, Karlsruhe University of Technology, Germany. 6 credits.

Spring/Summer 1998: *Typos – Topos – Building within the Context*. Design studio and workshop in Vico Morcote/Tessin, Switzerland. Institute for the Industrial Production of Buildings, School of Architecture, Karlsruhe University of Technology, Germany. 6 credits.

Spring 1998: *Underground Wellness Center and Spa*. Architectural thesis for the development of an underground wellness center and spa in Valkenburg / Netherlands. Institute for the Industrial Production of Buildings, School of Architecture, Karlsruhe University of Technology, Germany. 6 credits.

### **3. Professional and Educational Service Activities**

#### **Jury Member on Professional Design Juries**

10-12/2020: **Jury Member**, 2020 Association of Collegiate Schools of Architecture ACSA Design Build Award.

09/2019: **Jury Member**, Hack-A-House Housing Affordability Hackathon Competition, Ivory Innovations, University of Utah.

09/2018: **Jury Member**, Hack-A-House Housing Affordability Hackathon Competition, Ivory Innovations, University of Utah.

10/2013: **Jury Chair**, AIA Utah Design Award, American Institute of Architects, Utah Chapter, Salt Lake City, UT.

09/2009: **Jury Chair**, AIA Utah Sustainable Firm Competition. AIA Utah chapter, Salt Lake City, UT.

10/2008: **Jury Member**, German Facade Prize 2009, FVHF, Munich, Germany.

10/2006: **Jury Member**, AIA Utah Design Award, American Institute of Architects, Utah Chapter, Salt Lake City, UT.

04/2005: **Jury Member**, Miami Beach Biennale, Miami, FL.

#### **Guest Critic**

US:

- University of Arizona, Tucson, AZ
- Penn State University, College Park, PA
- University of Maryland, MD
- University of Oregon, Eugene, OR
- University of Berkeley, CA
- Northeastern University, MA
- Catholic University of America, Washington, DC
- University of Southern California, CA
- SCI-Arc, Los Angeles, CA
- University of Washington, Seattle
- University of Illinois at Urbana-Champaign

EU:

- Poznan University of Technology, Poland
- Munich University of Technology, Germany
- University of Stuttgart, Germany
- Gdansk University of Technology, Poland
- Art University in Poznan, Poland
- Dessau Institute of Architecture, Germany

- Karlsruhe Institute for Technology, University of Karlsruhe, Germany
- SCI-Arc Vico Morcote, CH

and at various additional universities in Germany, Switzerland, Finland, China and in the USA from 1999 to present.

## **International/National Service**

2020 - 2021: Paper Reviewer, ARCC 2021 Conference (Architectural Research Consortium): Performative Environments, Tucson, Arizona, April 2021.

2019: External Promotion Committee Reviewer for the Taubman College of Architecture and Urban Planning, University of Michigan. Reviewer for Professor Lars Gräbner, promotion to Associate Professor of Practice.

10/2018: Session Chair, 2018 Advanced Building Skins Conference, Bern, Switzerland.

2018: Book reviewer for: **Landscape Architecture – An Introduction**, by Robert Holden, Jamie Liversedge. Publisher: Laurence King Publishing Ltd, 361–373 City Road, 4th Floor, London EC1V 1LR, UK.

11/2017: External Expert Consultant, University of Applied Sciences Dessau, Germany, Search Committee for Urban Design and Sustainable Urban Development.

2016 – to present: Scholarship Reviewer for the Academic Selection Committee for Students/PhD Candidates Abroad Middle East/Africa. German Academic Exchange Service DAAD, Bonn, Germany.

2016 - 2017: Paper Reviewer, 2017 ARCC Architectural Research Centers Consortium.

2017: Session Moderator, 2017 ARCC Architectural Research Centers Consortium Conference. University of Utah, Salt Lake City, UT.

2016 - 2017: Member, Scientific Review Committee, IEREK Research and Knowledge Enrichment.

2016: Article Reviewer, 2016 JAE The Journal of Architectural Education.

2015 - 2016: Associate Editor, The International Journal of Sustainable Education.

2014 - 2016: Associate Editor, The International Journal of Sustainability Education, Vol. 10, Issue 3-4.

2015: Associate Editor, The International Journal of Constructed Environment.

2015: Conference Organizing Committee, Building Technology Educators' Society BTES, 2015 BTES Conference, University of Utah.

2014 - 2015: Member of the Board of the Academic Selection Committee for Students Abroad. German Academic Exchange Service DAAD, Bonn, Germany.

2014 - 2015: Paper Reviewer, 2015 Building Technology Educators Society Conference.

2011 - 2015: Member of the International Scientific Advisory Committee, Wessex Institute of Technology, UK. 14<sup>th</sup>, 15<sup>th</sup> Eco-Architecture International Conference, Italy and Greece.

2013: Paper Reviewer, ARCC Journal of Architectural Research.

2013: Paper Reviewer, International Journal of Sustainable Development and Planning.

2000 - 2012: Member of the Board of the Academic Selection Committee for Students Abroad. German Academic Exchange Service DAAD, Bonn, Germany.

2012: Manuscript Reviewer, JAE Journal of Architectural Education.

2012 - 2014: Associate Editor, Design Principles & Practices Design Journal, Volume 6, Common Ground Publishing, Champaign, IL.

2011 - 2012: Associate Editor, Design Principles & Practices Design Journal, Volume 5, Common Ground Publishing, Champaign, IL.

2012: Journal reviewer, The International Journal of Technology Knowledge and Society. Common Ground Publishing, Champaign, IL.

2011 - 2013: Associate Editor, The International Journal of Technology, Knowledge and Society, Volume 7, Issue 1.

2010: Journal Reviewer, International Journal of Technology Knowledge and Society. Common Ground Publishing Champaign, IL.

2011 - 2012: Rehau Montana Ecosmart House Research Steering Committee. Envelope & Oversight.

2011: Paper Reviewer, Sustainability through Biomimicry Conference, Damman, AE.

2010: Journal Reviewer, The International Journal on Technology Knowledge and Society. Common Ground Publishing.

2008: Session chair: Collaborative Design. Design and Decision Support Systems in Architecture and Urban Planning, Leende, Holland.

2008 - 2010: Conference Paper Reviewer. Association for Computer-Aided Architectural Design in Asia.

## **Regional Service**

10/2020: Consultant, Hack-A-House Housing Affordability Hackathon Competition, Ivory Innovations. Participants are University of Utah, University of California at Berkeley, Harvard University, Texas AM University.

03/2020: Invited Panelist, Blueprint for Better: Affordable Housing. AIA Utah continuing education program on affordable housing.

2014 – 2019: Community Service, Salt Lake Valley Habitat for Humanity. Rendering professional design services to underserved communities.



Since 2018: Member, Salt Lake City Affordable Housing Production Advisory Group

2018: Panelist, presenter, 2018 Net Zero Energy Summit, Salt Lake City, Utah

2017: AIA Utah Fall Conference Committee Member, Salt Lake City, UT.

2011 - 2012: Art Institute of Salt Lake City Professional Advisory Committee, Salt Lake City, UT.

2010 - 2012: Salt Lake Sustainable Building Conference Organization Committee, Salt Lake City, UT.

2011 - 2013: Chapter secretary. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

2011 - 2011: Chapter treasurer. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

2008 - 2015: Executive member. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

2008 - 2015: Board member, Board of Directors. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

2009: Utah Sustainable Housing Group. School of Architecture, University of Utah.

2008 - 2010: USGBC Education Committee. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

2009: USGBC Advocacy Committee. United States Green Building Council USGBC, Utah Chapter, Salt Lake City, UT.

## **University Service**

2019 to present: Member, University of Utah Academic Senate Committee on Academic Freedom and Faculty Rights.

2018 - 2019: Internal Review Committee Chair, School of Dance Internal Graduate Council Review. University of Utah, Salt Lake City, UT.

2016 - 2019: Member, University of Utah UPTAC (University Tenure and Promotion Advisory Committee). University of Utah, Salt Lake City, UT.

2014: Leadership Development Program for Faculty and Department Directors. University of Utah Faculty Participant.

2011 - 2012: Reviewer, Modern Dance Department Internal Graduate Council Review. University of Utah, Salt Lake City, UT.

2009 to present: University of Utah Architectural Design Review Committee. University of Utah, Salt Lake City, UT.

2011 to present: Global Change and Ecosystem Center. Member. University of Utah, Salt Lake City, UT.

2010: HPER Mall Design Review Committee. University of Utah, Salt Lake City, UT.

2010 - 2012: Climate Action Plan Committee. University of Utah, Salt Lake City, UT.

2008 - 2011: Undergraduate Council. University of Utah, Salt Lake City, UT.

2005 - 2006: Faculty Senate Technology Committee FSTC. Florida International University, Miami, FL.

1997 - 1999: IT-Committee. Karlsruhe University of Technology, Germany.

## **College and Departmental Service**

2020: Member, 2 Meter College of Architecture and Planning Ad Hoc committee. The committee developed guidelines for in-person class and seminar procedures under Covid-19. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2019 - 2020: Member, School of Architecture Student Affairs Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2019 - 2020: Member, SoA Design Position Search Committee, School of Architecture, University of Utah, Salt Lake City, UT.

2018 - 2019: Design and Development of the Design+Build Salt Lake Program. School of Architecture, University of Utah, Salt Lake City, UT. Website: [www.designbuildsaltlake.org](http://www.designbuildsaltlake.org)

2015 - 2019: Chair, School of Architecture Admissions Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2018: Member, CAP Recruitment and Admissions Advisor Position Search Committee, College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2017 - 2018: Member, SoA Design Position Search Committee, School of Architecture, University of Utah, Salt Lake City, UT.

2016: 1<sup>st</sup> reviewer, SoA RPT Committee, School of Architecture, University of Utah, Salt Lake City, UT.

2015: 2<sup>nd</sup> reviewer, SoA RPT Committee, School of Architecture, University of Utah, Salt Lake City, UT.

2014: Chair, Design Build Bluff Advisory Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2013 - 2014: Member, School of Architecture Curriculum Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2013: Member, School of Architecture Faculty Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2013: Member, School of Architecture Outreach Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2011 - 2012: Member, International Exchange Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2011 - 2012: Member, Consolidating the Story Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2011 - 2013: Member, Urban Design Program Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2011 - 2012: Member, Academic Culture Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2011 - 2012: Member, School of Architecture Graduate Admission Committee, School of Architecture, University of Utah, Salt Lake City, UT.

2011 - 2012: Member, College Technology Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2006 - 2010: Member, Lecture and Exhibition Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2009 - 2011: Member, Net-Zero Initiative. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2008 – 2009: Member, Graduate School Admission Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2009 - 2011: Member, 2020 Vision for Future Computing Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2008 – 2009: Member, Curriculum Committee. School of Architecture, University of Utah, Salt Lake City, UT.

2008: Member, Search Committee, Urban Design. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2006 – 2007: Member, Design Degree Committee. College of Architecture and Planning, University of Utah, Salt Lake City, UT.

2005 – 2006: Member, Bachelor of Digital Design Degree Committee. School of Architecture, Florida International University, Miami, FL.

2005 – 2006: Member, Lecture and Exhibition Committee. School of Architecture, Florida International University, Miami, FL.

## **Training**

2020: EDx online class: Sustainable Building Design, non-certificate path.

2016 - 2017: The Wasatch Experience. Participant. University of Utah, Salt Lake City, UT.

11/2015: WUFI Training Workshop. AIA Utah Building Enclosure Committee. Salt Lake City, UT.

10/2015: High Performance Multi-Family Buildings Workshop. Small Planet Workshop, Portland, OR.

04/2013: U.S. Department of Energy 2013 Buildings Technologies Office – Program Peer Review, Washington, DC.

12/2012: Certified Passive House Consultant CPHC. Passive House Consultant Training, Yestermorrow Design Build School, Warren, Vermont. Passive House Institute U.S.

06/2011: Energy Plus/Design Builder Workshop. Pacific Energy Center, San Francisco, CA.

07/2010: NIH Training “Protecting Human Research Participants.” University of Utah, Salt Lake City, UT.

05/2008: Dynamic Governance Workshop. United States Green Building Council USGBC Utah chapter, UT.

05/2008: Zero Energy House Workshop. Salt Lake Sustainable Building Conference, UT.

12/2007: Utah Solar Workshop. Utah Clean Energy, Salt Lake City, UT.

02/2006: WEB CT Workshop. Florida International University, Miami, FL.

## Miscellaneous

Languages	German (First Language) English (fluently spoken and written) French (Basics)
Interests	To save our environment and planet for the future generations. This results in further interest such as: DIY Do It Yourself, politics, cultures, minimal architecture, design, literature, music, (mountain) bicycling, hiking, running...  ... and because nobody is perfect: alpine skiing, travelling, motorcycle travelling.
Travels	China, Benelux, Canada, Denmark, Finland, France, Greece, Hawaii, Hong Kong, Italy, Croatia, Malaysia, Morocco, Mexico, Norway, Austria, Poland, Sweden, Switzerland, Shanghai, Singapore, Spain, Thailand, Turkey, USA.