

# CARL PAUL KARLEN AIA, NCIDQ, NCARB, CDT, LEED AP

**Lecturer** - Sam Fox School of Design & Visual Arts, Washington University in St. Louis

**Design Principal** – FACET Architectural Design / CD Companies

**Owner / Architect** – sitemotiv design l.l.c.

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## EDUCATION

- 2001            Master of Architecture  
**University of Illinois at Chicago (UIC)**  
*Graduate Assistantships:*  
Student Liaison to UIC Architecture Alumni Association  
Teaching Assistant
- 1990            Bachelor of Liberal Arts & Sciences in Economics, International Concentration  
**University of Illinois at Urbana-Champaign (UIUC)**

## LICENSES & ACCREDITATIONS

- 2023-            NCIDQ Certification (interior design)
- 2012-            Construction Documents Technologist (CDT)
- 2009-            LEED Accredited Professional (USGBC)
- 2008-            Licensed Architect in Missouri
- 2008-            NCARB Certification
- 2007-            American Institute of Architects (AIA) member
- 2007-            Licensed Architect in Illinois

## ACADEMIC EXPERIENCE

- 2008-            Sam Fox School of Design & Visual Arts, College of Architecture  
Washington University in St. Louis, MO
- Lecturer / Course Coordinator / Adjunct Faculty**  
*Courses taught:*  
Arch 111 Introduction to Design Processes I (design studio)  
Arch 112 Introduction to Design Processes II (design studio)  
Arch 144 Architecture for Non-Architects (design seminar/studio)  
Arch 211 Architectural Design I (design studio)  
Arch 311 Architectural Design III (design studio)  
Arch 445 Building Systems
- Lecturer / Co-Director**  
Architecture Discovery Program (summer immersion for high school students)
- 2002 – 2003    Westwood College of Technology, Chicago, IL
- Instructor**  
*Courses taught:*  
Web Page Design & Multimedia Presentation Graphics  
3D Modeling & Animation

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## **PROFESSIONAL EXPERIENCE**

- 2019- FACET Architectural Design / CD Companies, St Louis MO  
**Design Principal**
- 2017-2019 KAI Design & Build, St Louis, MO  
**Senior Designer / Senior Architect**
- 2015-2017 Bates and Associates Architects, St Louis, MO  
**Senior Designer / Senior Architect**
- 2009- sitemotiv design l.l.c., St Louis. MO  
**Owner / Architect**
- 2004-2015 CannonDesign, St Louis, MO  
**Senior Associate (designer & project architect)**
- 1999-2004 Garofalo Architects, Chicago, IL  
**designer / architect**
- 1999 Valerio Dewalt Train, Chicago, IL  
**intern architect**

## **VOLUNTEER / SERVICE**

- 2022- City of Brentwood Planning & Zoning Commission, MO  
**Commissioner**
- 2019- Urban Land Institute (ULI) Real Estate Diversity Initiative (REDI) program, St Louis MO  
**Design Mentor**
- 2013- City of Brentwood Architectural Review Board, MO  
**Board Member / Secretary**

## **AWARDS & RECOGNITIONS**

*w/ CannonDesign:*

- 2015 Lemay Community Recreation and Aquatic Center (Pavilion at Lemay)  
**Merit Award, AIA St Louis**
- 2008 University Hospitals, Seidman Cancer Center  
**American Architecture Award, Chicago Athenaeum**
- 2008 Fort Zumwalt School District East High School  
**Merit Award, AIA St Louis**
- 2008 ShadePod: Omni-deployable Personal Shade & Light Solution  
**Finalist team, IDEAS 2.0- Product Design Challenge**
- 2007 KU Multi-disciplinary Research Building, Lawrence, KA  
**Illumination Design Award,**  
Illuminating Engineering Society of North America, St. Louis section
- 2007 SEABS Process: Sustainable Evaluation & Application for Building Systems  
**Winning team, IDEAS 1.0- Process Improvement Ideas Challenge**
- 2006 KU Multi-disciplinary Research Building, Lawrence, KA  
**Citation Award for Excellence in Architecture, AIA Kansas**

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*w/ Garofalo Architects:*

- 2003 Earth from Above Exhibition Design, Chicago, IL  
**Design Award**, Chicago Friends of Downtown
- 2003 Chicago Housing Authority/ National Endowment for the Arts  
Housing Design Competition; Chicago, IL  
**Unbuilt Design Award**, Chicago Chapter American Institute of Architects
- 2002 National Museum of Time Exhibit, Museum of Science and Industry, Chicago, IL  
**Guth Illumination Design Award**, Illinois Engineering Society of North America

*Student:*

- 2000 Member of invited UIC Digital Media delegation to the Venice Biennale of Architecture

## **LEED PROJECT EXPERIENCE / SUSTAINABLE PRACTICE**

The Pavilion at Lemay (community recreation & aquatic center), NC 2009 Certified  
**LEED Administrator**

University Hospitals Seidman Cancer Center, NC 2009 Certified  
**LEED Administrator**

Oak Ridge National Laboratories MAXLAB, NC 2009 Gold  
**LEED Administrator**

Oak Ridge National Laboratories Modernization of Lab Facilities, NC 2.2 Silver  
**LEED Administrator**

University of Missouri Health Care Orthopaedic Institute, NC 2.2 Certified  
**LEED Administrator**

University of Kansas Hospital Authority, Medical Office Building, NC 2.0 Silver  
**LEED Administrator**

'Project Life' project sustainability guideline document, CannonDesign  
**Author / Researcher**

## **PROJECTS**

- 2024 Main Event Arena, Missouri State Fairgrounds, Sedalia, MO  
**Lead Designer / Lead Architect**  
\$37M 6,400+ seat ground-up multi-purpose event arena concept, including convertible event floor area, dedicated indoor-outdoor VIP amenities, concessions operations, and multiple event-specific (rodeo etc) functional space provisions.
- 2023- Jefferson City Conference Center & Hotel, Jefferson City, MO  
**Lead Designer / Lead Architect**  
Concept design for new 36K SF conference & meeting facility to host events for the nearby state capitol, including extensive flexible exhibition spaces, 200 room hotel, dining options, grade level retail, and an attached 750 space parking structure.
- 2023- Private Residence, St Charles County, MO  
**Lead Designer / Lead Architect**  
New home for entrepreneurial partners on parcel adjacent to active farmland & forest.

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- 2023- Jefferson City Country Club, Jefferson City, MO  
**Lead Designer**  
Multiple architectural & interiors design studies for replacement club facility and extensive renovations, including updated kitchen & dining concepts, 3-season exterior social areas, replacement pool, expanded banquet spaces, and support systems.
- 2023 Missouri Delta Medical Center Outpatient Rehab & Clinics, Sikeston, MO  
**Lead Designer**  
New outpatient facility providing services for Physical Therapy, Occupational Therapy, Pediatric Therapy, Work Rehab, Warm Water Therapy, and supportive ancillary services.
- 2022- Knoebel Construction General Headquarters, Chesterfield, MO  
**Lead Designer / Lead Architect**  
New 24K SF headquarters & storage facility design for a general contractor – an inspiring office home for owner’s staff and brand, in an architecturally dynamic setting showcasing the skills and ambitions of owner’s team of builders.
- 2022- Broadview Farms Retreat Cottages & Event Barn, St Charles County, MO  
**Lead Designer**  
Dinner & event barn renovation and five retreat micro-cottages on wooded estate.
- 2022 Missouri Department of Corrections General Headquarters concept, Jefferson City, MO  
**Lead Designer / Lead Architect**  
Impressive rough-hewn limestone walls with well-preserved guard towers partially surround the new site, and will be reused to define a new public linear garden. The new building’s modern lines and forms will be clad in limestone block and red/black brick masonry, reclaimed where possible from already demolished historic site structures.
- 2022 One Health State Healthcare / State Bio Labs facility, Jefferson City, MO  
**Lead Designer / Lead Architect**  
Concept design prepared to facilitate State appropriations process, consolidating widely dispersed public health, crime investigation, and natural resources labs.
- 2022 Penn Street Place, Lion Development Group, North Liberty, IA  
**Lead Designer**  
\$8M 60,000sf multi-family apartment complex. Successful project will be repeated.
- 2021- River Oaks Christian Academy, Jefferson City, MO  
**Lead Designer / Lead Architect**  
New campus concept for growing K-8 school community set on challenging site.
- 2021 Missouri State Highway Patrol (MSHP) Crime Lab, Jefferson City, MO  
**Lead Designer / Lead Architect**  
Concept to consolidate & update distributed crime labs on topographically challenged MSHP existing campus, proposed design activates and engages the site.
- 2021 Reby Cary Family Library, TX  
**Lead Designer / Lead Architect**  
8K SF family library, providing age-appropriate materials and activities for toddlers-through-teens, with interior & exterior programmed spaces, & integrated art installation. Completed on budget and enjoying robust attendance numbers.

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- 2021 State of Missouri Public Safety Complex & Missouri State Highway Patrol Training Academy Campus, Jefferson City, MO  
**Lead Designer / Lead Architect / Master Planning**  
300-acre campus concept on former hilltop prison site, with consolidated continuation of government facilities for 8 key State agencies, along with newly conceived replacement training campus for State Highway Patrol cadets, with assembly spaces, classrooms, offices, dormitories, firing ranges, and a high-speed pursuit practice track.
- 2020- The Circuit nightclub, Kingsway Development, St Louis, MO  
**Lead Designer / Lead Architect**  
10K capacity ground-up event & music space adjacent to adaptive re-use projects on urban site, connected to Delmar Avenue streetscape renewal & revival area.
- 2020 WIPRO Regional Offices & Call Center, Jefferson City, MO  
**Lead Designer / Planning**  
Office build-out of a 73,000 SF former big-box mall store, approached as an urban plan.
- 2020- Dierbergs, Lake St Louis, MO  
**Lead Designer**  
Entry façade design for new grocery location & brand prototype w/ new strip retail.
- 2019 LiveWell Community Center, Olivette, MO  
**Lead Designer / Lead Architect**  
Advanced design concept for new community center in existing city park, featuring multi-activity gyms, meeting rooms, a conservatory kitchen, & an indoor playground.
- 2019- Kingsway Development Elevation Business Incubator & Retail, St Louis, MO  
**Lead Designer / Lead Architect**  
Adaptive re-use & design reinvention of abandoned & historic light-industrial building located in an under-invested area; retail, office, & entertainment programs.
- 2019 Prime Place Residences, Wildwood, MO  
**Project Designer / Project Architect**  
Design & visualizations for mixed-use retail & independent living apartments concept.
- 2019 Sam Houston High School, San Antonio, TX  
**Project Designer**  
Extensive interior & exterior renovation of existing city high school, featuring new main entrances, total glazing replacement, classroom & multi-function space redefinition, auditorium updates & cafeteria/commons experience re-imagining.
- 2019 Helix Center Expansion, Creve Coeur, MO  
**Lead Designer / Lead Architect**  
Design & planning studies through design development phase for a proposed laboratory & office building on challenging site for growing local biotech firm.
- 2018 SSM Health / Cardinal Glennon Northside Pediatric Center, Ferguson, MO  
**Lead Designer**  
Initiation & development of new children's clinic design, including treatment and exam rooms, imaging, and other modalities. Successful project was replicated across town.

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- 2018 South Oak Cliff High School, Dallas, TX  
**Designer / Architect**  
\$60M transformation of a historic educational campus. Organized disparate designs.
- 2018 Saint Louis Zoo Solar Canopy, MO  
**Lead Designer / Project Architect**  
Extensive solar panel canopy covering large outdoor dining area, centrally located in historic zoo campus, featuring custom thematic artwork plasma-etched into steel support structure. Contributes to LEED certification of adjacent retail building.
- 2017 Mercy Hospital Northwest Arkansas, Rogers, AR  
**Project Designer**  
New bed tower, exteriors, and circulation/public space redesign. Integration of new elements & concepts with existing context structure on complicated site, requiring extensive client, contractor, and community interaction. Successful re-branding.
- 2017 Seedz Provisions, Clayton, MO  
**Lead Designer / Lead Architect**  
Extremely cozy brand-extension coffee shop maximizing use of minimal existing space.
- 2016 Mercy Hospital Jefferson, Festus, MO  
**Project Designer**  
Renovation and redefinition of community hospital. New bed tower, clinics, exteriors, and public space reboot. Design sought to clarify complicated circulation situation.
- 2015 The Pavilion at Lemay (community recreation & aquatic center), Lemay, MO  
**Project Designer / Project Architect / LEED Administrator**  
New 45,000 SF community recreation center and outdoor aquatic complex located in historic Jefferson Barracks Park. Fluid public space connects various programs.
- 2014 Centre Hospitalier de l'Université de Montréal (CHUM), Montreal, QC, Canada  
**Project Architect** (1 of many)  
One of the largest academic medical centers in North America with 3.5M SF, serving 345,000 ambulatory patients, 22,000 inpatients and 65,000 emergency patients yearly.
- 2013 Hermitage House, Chicago, IL  
**Lead Designer / Lead Architect**  
Renovation & conversion of two-flat into generous single-family residence for clients with good taste; emphasis on re-imagined circulation & master suite with luxe bath.
- 2013 ISL Health Fort St John Hospital, Fort St John, BC, Canada  
**Architect**  
Planning & architecture for replacement hospital in challenging northern climate.
- 2012 Seedz Café, Clayton, MO  
**Lead Designer / Lead Architect**  
Cozy vegan restaurant interior design & layout integrated into tight existing space.
- 2012 University Hospitals Seidman Cancer Center, Cleveland, OH  
**Project Designer / LEED Administrator**  
\$135 million, 150 bed, 320,000 SF new cancer hospital. Designing spaces conducive to healing was at the core of the design team's research, focusing on natural light, gardens, green roofs, and an envelope responsive to sun and climatic changes.

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- 2009 ISL Health Royal Jubilee Hospital, Victoria, BC, Canada  
**Architect**  
Architecture for replacement hospital, a public-private partnership delivery model.
- 2009 Garden Heights Nursery Greenhouse Addition & Expansion, Richmond Heights, MO  
**Lead Designer / Lead Architect**  
Design, documentation, & construction administration for retail greenhouse space.
- 2009 Moran Residence, Arlington Heights, IL  
**Lead Designer / Lead Architect**  
Modern private residence addition & extensive remodel in historic downtown district.
- 2008 Fort Zumwalt School District East High School, St. Peters, MO  
**Project Designer**  
New 220,000 SF school, serving 1,500 students. The building reflects the centrality of education in the community, with an academic pavilion at the center flanked by academic wings, and athletic & arts nodes at either end of a central circulation spine.
- 2007 Karmanos Cancer Institute, Detroit, MI  
**Project Designer**  
\$80M, 122-bed full-service cancer treatment pavilion concept, intended to unite the various dispersed program elements of an internationally recognized cancer hospital under a single distinctive roof.
- 2006 University of Kansas Multi-disciplinary Research Building, Lawrence, KS  
**Project Designer**  
Conceived as a catalyst for a new era of multi-disciplinary research at the university and for the creation of a new campus devoted to these efforts. 120K SF, \$38M state-of-the-art lab building completed, from design to occupancy, in 15 months.
- 2005 Hyde Park Art Center, University of Chicago, Chicago, IL  
**Designer**  
Comprehensive new facilities for respected Chicago arts organization.
- 2004 'Family Album' Exhibit Design, Millennium Park - Chicago, IL  
**Project Architect / Project Manager / Project Designer**  
Re-programmable outdoor photographic display system for popular public plaza.
- 2004 Millennium Park Terraces (w/ Xavier Vendrell Studio), Chicago, IL  
**Project Architect / Project Manager / Project Designer**  
Landscape and outdoor furnishings concept design providing spatial experience, seating, shade, and small gathering opportunities, connecting surrounding high-profile projects including Gehry band shell & 'the Bean'.
- 2004 Nothstine Residence, Green Bay, WI  
**Designer / Digital Representation**  
Private residence for fans of competitive slot-car racing, expressed as a continuous vibrant ribbon, with elevated steel 'bird-walk' reaching towards the lake.
- 2004 FireOrb  
**Designer / Detailer**  
Suspended fireplace product design.

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- 2004           Block 37 Redevelopment Study, Chicago, IL  
**Designer / Digital Representation**  
Programming studies & design concept for massive retail, office, & transit hub to be located on the last remaining undeveloped block in Chicago's 'Loop'.
- 2003           'Faces, Places, & Inner Spaces' Children's Gallery, Art Institute of Chicago, Chicago IL  
**Project Architect / Designer**  
Children's gallery incorporating art from across the entire collection, as well as newly conceived & designed interactive media elements, into a vibrant and stimulating environment that sought to catalyze children's interest in the rest of the museum.
- 2003           'Between the Museum and the City', Museum of Contemporary Art - Chicago, IL  
**Designer / Hammer Swinger**  
Commissioned temporary installation at main entry plaza of outdoor furnishings and shade structures designed and built by Garofalo Architects, UIC students, and friends.
- 2002           OYSY Sushi & Izagaya Restaurants I & II, Chicago, IL  
**Project Architect / Project Manager / Project Designer**  
Bistro-style restaurant serving traditional food in a relaxed atmosphere, offering patrons a contemporary but nevertheless comfortable space that places a premium on materiality and light. Located in a historically significant building on Michigan Avenue.
- 2002           'Earth From Above Exhibit' (w/ Digit-All Studio), Millennium Park, Chicago, IL  
**Designer / Architect**  
Highly successful temporary outdoor photo exhibit; first American installation of worldwide phenomenon.
- 2001           MTV Real World House concept (w/ Chicago Scenic Studios) - Chicago, IL  
**Designer**
- 2001           Redmoon Theater Group HQ concept, Chicago, IL  
**Designer**  
Permanent home for innovative and renowned puppet theater and spectacle makers.
- 2000           National Museum of Time exhibit, Museum of Science and Industry – Chicago, IL  
**Designer**

**COMPETITIONS**

- 2009           "Yes We Can Can", Design 21: GOING WITH THE GRAIN- sustainable wood design
- 2008           "moral > high ground", Steedman Traveling Fellowship, Washington University, St Louis, MO

*w/ Garofalo Architects:*

- 2004           10 x 10 Office, invited competition for re-design of cash-strapped local arts-publication office, budget \$1000.  
**Winner**
- 2003           Chicago Housing Authority/ National Endowment for the Arts  
Housing Design Competition; Chicago, IL  
**Honorable Mention**
- 2002           Chicago Public Schools Competition, Chicago, IL  
**Notable Design Winner**



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- 2001 Marshall Fields 28 Shop Dressing Room Competition, Chicago, IL  
**Winner**
- 2001 Chicago Office of Tourism Competition, Chicago, IL  
**Invited Finalist**
- 2001 School of the Art Institute of Chicago, IL  
**Invited Contributor**  
Insertion of expanding arts education program into existing historic building,

**EXHIBITIONS / INSTALLATIONS**

- 2023 “PhaseMaze”, Artica Arts Festival, St Louis, MO
- 2022 “LiteBrite”, Artica Arts Festival, St Louis, MO
- w/ Garofalo Architects:*
- 2004 “Issues for the New Millenium”, The Art Institute of Chicago, IL
- 2003 “Between the Museum and City,” Museum of Contemporary Art Chicago, IL
- 2003 “Speculative Chicago: A Compendium of Architectural Innovation,” Gallery 400, UIC
- 2002 “Beyond Media/Oltre I Media,” International Festival of Architecture in Video, Florence, Italy
- 2001 “Field Phenomena,” HTML catalog, Chicago Artists Coalition, Chicago, IL
- 2001 “Architecture For Education: Selected Designs from the Chicago Public School Competition”, Chicago Architecture Foundation, Chicago, IL

**PRESS / MEDIA**

- 2022 “Home Grown: Fort Worth’s Reby Cary Youth Library supports a new generation of learners”, Lee Hill AIA, Texas Architect Magazine
- w/ Garofalo Architects:*
- 2004 "Chicago New Architecture" (various projects), Architectural Record
- 2004 “10x10 Cheap Office”, Cheap Issue, Ten by Ten magazine
- 2003 Between the Museum and the City, Museum of Contemporary Art / UIC / Garofalo Architects, project monograph
- 2002 “Earth From Above Lands in Millennium Park” (installation review), Architectural Record
- 2002 “Is Chicago (Merely) History?” (CHA Housing competition review), Robert McAnulty, Praxis Journal 3
- 2001 “Garofalo Finds Time” (exhibit design review), Architectural Record
- w/ Valerio Dewalt Train Architects Inc.:*
- 1999 3Com Corporation Headquarters (project review), Architectural Record