

# CURRICULUM VITAE 2024

## Pablo Moyano Fernández

Assistant Professor in Architecture

Sam Fox School of Design & Visual Arts | College of Architecture | Graduate School of Architecture & Urban Design | Washington University in St. Louis

1 Brookings Drive, St. Louis MO | 63130-4899 | MSC 1079-131-105

Contact: moyano@wustl.edu | 314-479-4309

[www.performativeconcretehub.com](http://www.performativeconcretehub.com)

[https://www.instagram.com/pablo\\_stl/](https://www.instagram.com/pablo_stl/)

### EDUCATION CEDENTIALS

**Master of Architecture & Master of Urban Design**, Washington University in St. Louis, School of Architecture, St. Louis, MO. 2004

Awarded Full Tuition Scholarship by Washington University in St. Louis

Graduated with honors in both programs - GPA: 3.90/4

**Diploma in Architecture**, University of Buenos Aires. School of Architecture, Design and Urbanism Buenos Aires. Argentina. 2000

Professional Degree Program (6 years) - GPA: 8.21/10

1st Escort to the National Flag at the Graduation Ceremony

### PROFESSIONAL CERTIFICATIONS

**Registered Architect**, Colegio de Arquitectos de la Provincia de Buenos Aires, Argentina 2000 - present

LEED AP (BD + C), USGBC 2006 - present

### PROFESSIONAL AFFILITATIONS

Precast-Prestress Concrete Institute (PCI) 2018 - present

NCARB Architectural Experience Program, Completed AXP, Pursuing Licensure 2007 - present

USGBC, St. Louis Chapter, St. Louis, MO 2006 - present

CAPBA, Colegio de Arquitectos de la Provincia de Buenos Aires, Argentina 2010 - present

Sociedad Central de Arquitectos, Buenos Aires, Argentina 1991-2002

### ACADEMIC APPOINTMENTS

Washington University in St. Louis | Sam Fox School of Design & Visual Arts | College of Architecture | Graduate School of Architecture & Urban Design | St. Louis | MO

**Assistant Professor of Architecture** 09/2018-present

Senior Lecturer in Architecture 01/2012-06/2018

Faculty Project Design Leader | Solar Decathlon 2017 FL2015 - FL 2017

Lecturer 01/2007 -12/2011

Teaching Assistant 08/2002 -12/2005

University of Buenos Aires | School of Architecture, Design and Urbanism | Buenos Aires | Argentina

Adjunt Assistant Professor | Professional Degree Program 1998 - 1999

# R E S E A R C H

## GRANTS & OTHER SOURCES of FUNDING

<b>Audubon Center at Riverlands Gift. "Bird Blind project." Awarded \$2,500 gift</b>	2024
<b>Kent State University. "Opus Versatiliium." Exhibition at the Armstrong Gallery. Awarded \$2,500 funding</b>	2024
<b>Faculty Dissemination Travel Award.</b> Sam Fox School of Design & Visual Arts, Washington University in St. Louis. <b>"BTES conference." Awarded \$1,200 grant</b>	2023
<b>Housing Affordability Breakthrough Challenge Grant.</b> Construction focus area. Initiative by Enterprise Community Partners. Sponsored by Wells Fargo. <b>"Compact House."</b> In collaboration with Catalina Freixas, Nexus St. Louis & Gate Precast. <b>\$3,000,000 (Semifinalist)</b> [Not Awarded]	2023
<b>Sam Fox School of Design &amp; Visual Arts Gift.</b> Washington University in St. Louis. <b>"Bird Blind project." Awarded \$8,000 gift</b>	2023
<b>Audubon Center at Riverlands Gift. "Bird Blind project." Awarded \$8,000 gift</b>	2023
<b>Provost's Office COVID Faculty Support Initiative Research Grant.</b> Washington University in St. Louis. <b>"Bird Blind project." Awarded \$28,000 grant</b>	2023
<b>SFS Teaching Development Grant.</b> Sam Fox School of Design & Visual Arts, Washington University in St. Louis. <b>"Concretescapes Option Studio." Awarded \$2,500 grant</b>	2022
<b>Faculty Writing Seminar.</b> Washington University in St. Louis. <b>"Faculty Success Program." Awarded \$4,250 grant</b>	2022
<b>Graham Foundation Grant. "Sequential Casting Concrete System."</b> \$10,000 [Not Awarded]	2021
<b>Creative Activity Research Grant.</b> Sam Fox School of Design & Visual Arts. Washington University in St. Louis. <b>"Sequential Casting Concrete System." Awarded \$5,000 grant</b>	2020
<b>Graham Foundation Grant. "Sequential Casting Concrete System."</b> \$10,000 [Not Awarded]	2020
<b>SFS Teaching Development Grant.</b> Sam Fox School of Design & Visual Arts. Washington University in St. Louis. <b>"Bearing Concrete Option Studio" \$2,500</b> [Not Awarded]	2019
<b>SFS Teaching Development Grant.</b> Sam Fox School of Design & Visual Arts. Washington University in St. Louis. <b>"Concreteskin Graduate Option studio." Awarded \$2,500 grant</b>	2019
<b>PCI Foundation Grant. "Precast Concrete Enclosures." Elective Course. Awarded \$50,000</b>	2019
<b>Gate Precast Gift. Precast Concrete Enclosures." Elective Course. Awarded \$48,000</b>	2019
<b>Housing Affordability Breakthrough Challenge Grant.</b> Construction focus area. Initiative by Enterprise Community Partners. Sponsored by Wells Fargo. <b>"Compact House."</b> In collaboration with Catalina Freixas, Nexus St. Louis & Gate Precast. <b>\$3,000,000</b> [Not Awarded]	2019
<b>Faculty Conference Travel Grant,</b> Sam Fox School of Design & Visual Arts, Washington University in St. Louis. Residential Building Design & Construction Conference. <b>Awarded \$1,200</b>	2018
<b>Anova Furnishings Gift. "Furnish_It, with pieces." Design-build Elective Course. Funded \$5,000</b>	2017
<b>Anova Furnishings Gift. "Furnish_It, with pieces." Design-build Elective Course. Funded \$5,000</b>	2016
Creative Activity Research Grant 2017-18, Sam Fox School of Design & Visual Arts, Washington University in St. Louis. "The thin side of Concrete" Research Proposal. <b>Awarded \$8,000</b>	2016
<b>Anova Furnishings Gift. "Furnish_It, with pieces." Design-build Elective Course. Funded \$5,000</b>	2015
<b>Faculty Teaching Development Grant</b>   Sam Fox School of Design & Visual Arts   Washington University in St. Louis. <b>"High Performance Building Enclosure." Awarded \$2,500.</b>	2015
<b>Office of Chancellor</b>   Washington University in St. Louis   <b>Design-Build Option studios for Solar</b>	2014

<b>Decathlon 2017</b>   "Team WashU"   In collaboration with Hongxi Yin. <b>Funded \$200,000</b>	
<b>Anova Furnishings Gift "Furnish_It, with pieces."</b> Desing-build Elective Course. <b>Funded \$5,000</b>	2014
<b>WildCare Institute, Center for Conservation in Forest Park, Grant</b> The Field Conservation Program (FC)   "HUB: Hybrid Urban Bioscapes"   In collaboration with Catalina Freixas. <b>\$10,000. [Deferred]</b>	2014
<b>Neighbors Naturescaping Project, Operation Brightside, Grant</b> "HUB: Hybrid Urban Bioscapes." In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. <b>Awarded \$1,500</b>	2014
<b>Sylvia Harris Citizen Design Award</b> , Design Ignites Change, "HUB: Hybrid Urban Bioscapes. Learning from Natural Environments." In collaboration with Associate Professor Catalina Freixas., SFS, Washington University in St. Louis. [Not funded].	2014
<b>Anova Furnishings Gift. "Furnish_It, with pieces."</b> Design-build Elective Course. <b>Funded \$5,000</b>	2013
<b>I-CARES (International Center for Advanced Renewable Energy &amp; Sustainability) Research Grant</b> , Washington University in St. Louis. "Prairie to Prairie: Ungrowth in America's Cities." In collaboration with Assistant Professor Aaron Hipp, Brown School & Associate Professor Catalina Freixas. <b>Awarded \$25,000</b>	2013
<b>CAR (Faculty Creative Activity Research Grant)</b> , Sam Fox School of Design & Visual Arts, Washington University in St. Louis. "Re-Surfacing ONSL." In collaboration with Associate Professor Catalina Freixas, SFS, Washington University in St. Louis. <b>Awarded \$8,000</b>	2013
<b>Civic Engagement Fund</b> , Gephardt Institute, Washington University in St. Louis. "Re-Furbishing ONSL." In collaboration with Associate Professor Catalin Freixas, SFS, Washington University in St. Louis. <b>Awarded \$500</b>	2013
<b>Student Sustainability Fund</b> , Washington University in St. Louis. "Re-Prairieing ONSL." Faculty Sponsor. Student Team: Briana Coleman, Elisandra Garcia Gonzalez and Natalie Ng. <b>Awarded \$6,000</b>	2013
<b>BOOK</b>	
Pablo I. Moyano Fernandez, <b>"Concrete Load-bearing Walls: Digital and Material Technologies for Sustainable Building Envelopes"</b> Contract with publisher John Wiley & Sons Ltd., Manuscript due on October 2025	2024
<b>SELECTED PUBLICATIONS</b>	
Pablo I. Moyano Fernandez, <b>"Precast Concrete Enclosures: A Hands-on Experience"</b> ASCENT Magazine @, Spring 2023 Digital Edition. Article under University Profile	2023
Freixas, C. and Pablo I. Moyano Fernandez (2014). <b>"De Pradera A Pradera: Decrecimiento en Ciudades Americanas,"</b> Perspectivas Urbanas 7. Espacio colectivo, regiones urbanas, Escuela de Arquitectura de la UE. Madrid, Espana: Universidad Europea Madrid, 46-53.	2014
<b>PEER-REVIEWED JOURNAL ARTICLES</b>	
Pablo I. Moyano Fernandez, <b>Opus Versatiliium: A Meta-Vernacular Approach for Contemporary Load-Bearing Walls</b> , The Plan Journal, (TPJ vol. 9 [2024], no. 1).	2024
Freixas, C. and Pablo I. Moyano Fernandez (2014). "Shrinking Cities: A Sustainable Assessment of Eco-urbanism Strategies," architecturemos, The Mediated City Conference, Ravensbourne University, London, UK: Amps. <a href="http://architectureemps.com/wp-content/uploads/2013/09/mc_conference_freixas_fernandez.pdf">http://architectureemps.com/wp-content/uploads/2013/09/mc_conference_freixas_fernandez.pdf</a> .	2014
Freixas, C. and Pablo I. Moyano Fernandez (2013). "Prairie to Prairie: Ungrowth in American Cities," Suburban Sustainability: Vol. 1: Iss.1, Article 3. DOI <a href="http://dx.doi.org/10.5038/2164-0866.1.1.3">http://dx.doi.org/10.5038/2164-0866.1.1.3</a>	2013
<b>PEER-REVIEWED PAPERS &amp; CONFERENCE PROCEEDINGS</b>	
Moyano Fernandez, P. I. <b>"Learning Via Making, a Hands-on Approach"</b> . Full Paper. 2023 Building Technology Education Society Conference. The Cosanti Foundation + Kennesaw State University, Phoenix AZ, June 2023.	2023

Moyano Fernandez, P. I. <b>"Sequential Casting Concrete System in Load-bearing Concrete Enclosures,"</b> Full Paper. Advanced Building Skins Conference 2021, Bern, Switzerland, October 2021.	2021
Moyano Fernandez, P. I. <b>"Thin Shell Concrete Enclosures in Residential Buildings,"</b> Full Paper. 2020 Residential Building Design and Construction Conference, Pennsylvania Housing Research Center, Penn State University, University Park, PA, March 2020.	2020
Freixas, C., Pablo I. Moyano Fernandez, and Aaron Hipp (2014). <b>"A Quantitative Sustainability Assessment: Effectiveness of Green-Blue Infrastructure in a Shrinking City,"</b> 12th International conference of Urban History. European Association for Urban History (EAUH). Cities in Europe. Cities in the World. New University of Lisbon, Lisbon, Portugal.	2014
Freixas, C. and Pablo I. Moyano Fernandez (2014). <b>"Eco-urbanism: Sustainable Strategies for Vacant Land in St. Louis,"</b> Environmental Design Research Association, EDRA45: New Orleans: Building with change, New Orleans, LA: Carney & Cheramie, 70-78.	2014
<b>CONFERENCES PRESENTATIONS</b>	
<b>"Learning Via Making, a Hands-on Approach".</b> Full Paper. 2023 Building Technology Education Society Conference. The Cosanti Foundation + Kennesaw State University, Phoenix AZ, June 2023	2023
<b>"Thin Shell Concrete Enclosures in Residential Buildings,"</b> 2020 Residential Building Design and Construction Conference, Pennsylvania Housing Research Center, Penn State, University, PA, March 4, 2020.	2020
<b>"CRETE House: Thin Shell UHPC Enclosure in Residential Buildings,"</b> PCI Conference, Fort Worth, TX, March 5, 2020.	2020
<b>"SELF-SUFFICIENT HOUSING IN ST. LOUIS,"</b> Revitalization, Sustainability, and all that Jazz, Housing Education and Research Association, 48th Annual Conference, Kansas City, MO, October 5-8, 2014.	2014
<b>"Shrinking Cities: A Sustainable Assessment of Eco-urbanism Strategies",</b> The Mediated City Conference, Ravensbourne University, London, UK. April 2014	2014
<b>"Prairie to Prairie. Ungrowth in American Cities,"</b> From the Outside In: Sustainable Futures for Global Cities and Suburbs, Hofstra Suburban Sustainability Conference, Hofstra University, Hempstead, NY, November 2012.	2012
<b>INVITED LECTURES</b>	
<b>"Opus Versatiliium: A Meta-Vernacular Approach for Contemporary Load-Bearing Walls,"</b> Spring 24 Kent State Lecture Series, <b>Kent State University</b> (Feb 19, 2024)	2024
<b>"Sequential Casting Concrete System for loadbearing walls,"</b> Dana Cupkova, Shaping Environments: On Waste Casting, <b>Carnegie Mellon University</b> , Sep 7, 2023	2023
<b>"Sequential Casting Concrete System,"</b> MS_ACT Lecture Series SP2022, Master of Science in Architecture, Computational Technologies. <b>New York Institute of Technology</b> . April 14, 2022.	2022
<b>"CRETE House: Resilient Concrete Enclosures in Residential Buildings,"</b> Dialogues 03: Climate Change and Architecture   Elisandra Garcia. College of Architecture, <b>Texas Tech University</b> , Nov 20, 2020.	2020
<b>"Compact house,"</b> Coordinated by Alice Layton Director of Education, The Missouri Center L3C. Entrepreneurship & Social Entrepreneurship, <b>UMSL</b> , St. Louis, MO. November 21, 2019.	2019
<b>"Prairie to Praire. Ungrowth in American Cities,"</b> I-CARES Year End Presentation, St. Louis, MO, April 2014.	2014
<b>"Eco-urbanism in a shrinking city: a Qualitative Sustainability Assessment,"</b> Earth Day, St. Louis, MO, April 2014.	2014
<b>"De Pradera A Pradera: De-crecimiento en Ciudades Americanas,"</b> Universidad Europea de Madrid, Escuela de Arquitectura, Fundacion COAM, Madrid, Espana.Perspectivas Urbanas 7. Septimo Ciclo. November 2013.	2013

## SAM FOX SCHOOL of DESIGN & VISUAL ARTS

"Performative Concrete" A46 ARCH 184 Practices in Architecture, Landscape Architecture, and Urban Design, Audrey Treece. 3-10-23 2023

"CRETE House" ARCH 350, Lecture on Contemporary Sustainable Homes, Senior Lecturer Gay Lorberbaum, St. Louis, MO. 4-1-20. 2020

"CRETE House" ARCH 350, Lecture on Contemporary Sustainable Homes, Senior Lecturer Gay Lorberbaum, St. Louis, MO. 11-6-19. 2019

## WORK FEATURED IN PUBLICATIONS BY OTHERS

Seminar "**Precast Concrete Enclosures**" featured in the **Façade Tectonics Institute** website. 2021

Seminar "**Precast Concrete Enclosures**" featured in **PCI Foundation** Yearbook 2020. 2020

Seminar "**Precast Concrete Enclosures**" featured in **PCI Foundation** blog: 2020

Making the Metropolitan Landscape, Jaqueline Tatom Ed. (with Jennifer Stauber), **Project: Stripping the Strip**, Elements of Metropolitan Design, Washington University in St. Louis. 2009

## EXHIBITIONS

**Opus Versatiliium**, Exhibition at the Armstrong Gallery, **Kent State University** (2-19-24 to 3-28-24) 2024

Poster Session, **Precast Concrete Enclosures** seminar. **2023 PCI Convention** in Columbus, OH. 2023

Poster Session, **Precast Concrete Enclosures** seminar. **2022 PCI Convention** in Kansas City, MO. 2022

**"Surface\_it, with pieces,"** Student Work exhibition, Sam Fox School of Design & Visual Arts, Washington University in St. Louis, St. Louis, MO 2012/11

## INVITED JURY

USC Master of Building Science, Douglas E. Noble, Ph.D., FAIA, Associate Dean for Academic Affairs, School of Architecture, **University of Southern California**, Thesis reviewer, Dec. 3, 2021. 2021

ARCH6041-51: Fall 20 Graduate Research Studio | Resilience Reinforced: advanced precast systems for regional water infrastructure challenges, Associate Professor Kentaro Tsubaki, **Tulane University**, Studio Final Reviewer, Dec. 1st, 2020. 2020

Advanced Computer Seminar, Associate Professor Pablo Lorenzo Eiroa, **The Cooper Union**, New York City, NY. Final Reviewer, April 25, 2016 2016

## HONORS & AWARDS

**Second place** in *Architecture Category Contest*, Solar Decathlon 2017 Competition. 2017

Awarded AIA Medal for scholastic achievement and professional promise. 2004

Awarded Full Tuition Scholarship for MUD Master in Urban Design Program at Washington University in St. Louis. 2003

Exhibition "Stripping the Strip" Studio Final Project under Associate Professor Jaqueline Tatom, Urban Design Studio William and Florence Schmidt Art Center, Southwestern Illinois College and Foundation. 2003

Awarded Full Tuition Scholarship for March 2 Master in Architecture Program at Washington University in St. Louis. 2002

Mention, Best 1996 Project in Architecture Studio, Prof. Alvaro Arrese, University of Buenos Aires. 1996

# A C A D E M I A

## TEACHING EXPERIENCE

Washington University in St. Louis | Sam Fox School of Design & Visual Arts | College of Architecture | Graduate School of Architecture & Urban Design | St. Louis | MO

### Design Studios

A46 ARCH 311: Architectural Design III   Undergraduate Option Studio   <b>Affordable Concrete Homes</b>   The studio participated in the <b>Los Angeles Affordable Housing Challenge competition</b>   13 students	F23
A46 ARCH 312 03: Architectural Design II   A46 ARCH 412 03: Architectural Design IV   Undergraduate Option Studio   <b>Concretescapes</b>   11 students	SP23
46 ARCH 311: Architectural Design I   Undergraduate Program Core Studio   Third Semester   Political POLY_TOWERS   12 students	F22
A46 ARCH 312 03: Architectural Design II   A46 ARCH 412 03: Architectural Design IV   Undergraduate Option Studio   <b>Resilient Concrete</b>   13 students	SP22
A46 ARCH 111B 05: Introduction to Design Processes I   Undergraduate Program Core Studio   First Semester   12 students	F21
A46 ARCH 312 05: Architectural Design II   A46 ARCH 412 05: Architectural Design IV   Undergraduate Option Studio   <b>Bearing Concrete</b>   11 students	SP21
A46 ARCH 111B 02: Introduction to Design Processes I   Undergraduate Program Core Studio   First Semester   13 students	F20
A46 ARCH 107S 06: Architecture Discovery Program   Introduction to Architecture and Design for High School students   9 students	SU20
A46 ARCH 511 06: A46 ARCH 512 06   A46 ARCH 611 06: Architectural Design V, VI, VII   Advanced Graduate Option Studio   <b>ConcreteSkin</b>   10 students	SP20
A46 ARCH 311 03: Architectural Design I   Undergraduate Program Core Studio   Dovetail Urbanism: Residential Studies in the Nested Collective   9 students	F19
A46 ARCH 312 04   A A46 ARCH 412 04: Architectural Design II & IV   Undergraduate Option Studio   <b>ConcreteFacts</b>   12 students	SP19
A46 ARCH 511a 06: Architectural Design V   Advanced Graduate Core Design Studio   Extreme Environments   10 students	F18
A49 MUD 713 01: Metropolitan Design Elements   Master of Urban Design Studio   From Density to Intensity   13 students	SP18
A46 ARCH 530D 01: Constructing & Materializing Assemblies   Advanced Graduate and Undergraduate Option Studio   <b>Solar Decathlon 2017</b>   7 students	SU17
A46 ARCH 412 06   A46 ARCH 511 08: Architectural Design IV & V   Advanced Graduate and Undergraduate Option Studio   <b>Solar Decathlon 2017</b>   9 students	SP17
A46 ARCH 411 02   A46 ARCH 511 04   A A46 ARCH 512 04   A46 ARCH 611 04: Architectural Design III, V, VI & VII   Advanced Graduate and Undergraduate Option Studio   <b>Solar Decathlon 2017</b>   11 students	F16
A46 ARCH 0012 03: Architecture Discovery Program   Introduction to Architecture and Design for High School students   11 students	SU16
A46 ARCH 511 11   A46 ARCH 512 11   A A46 ARCH 611 11: Architectural Design V, VI & VII   Advanced Graduate Option Studio   <b>Solar Decathlon 2017</b>   8 students	SP16
A46 ARCH 411 02   A46 ARCH 511 03   A46 ARCH 512 03: Architectural Design III, V & VI   S Advanced Graduate and Undergraduate Option Studio   <b>Solar Decathlon 2017</b>   18 students	F15
A46 ARCH 0012 03: Architecture Discovery Program   Introduction to Architecture and Design for High School students   11 students	SU15



A46 ARCH 511 07   A46 ARCH 512 07   A46 ARCH 611 07   A46 ARCH 612 07: Architectural Design V, VI, VII, VIII   Advanced Graduate Option Studio   Unrestricted Growth: Expanding the Vertical Field   10 students	SP15
A46 ARCH 419 05: Architectural Design III   Graduate Program Core Studio   Third Semester   International Housing design   12 students	F14
A46 ARCH 0012 03: Architecture Discovery Program   Introduction to Architecture and Design for High School students   9 students	SU14
A46 ARCH 511 07   A46 ARCH 512 07   A46 ARCH 611 07: Architectural Design V, VI & VII   Advanced Graduate Comprehensive Option Studio   <b>ConcreteFlux</b>   12 students	SP14
A46 ARCH 419 06: Architectural Design III   Graduate Program Core Studio   Housing Studio   Third Semester   12 students	F13
A46 ARCH 318 03: Architectural Design II   Architectural Design II Graduate Program Core Studio   Second Semester   11 students	SP13
A46 ARCH 419 05: Architectural Design III   Graduate Program Core Studio   Housing Studio   Third Semester   11 students	F12
A46 ARCH 318 03: Architectural Design II   Graduate Program Core Studio   Second Semester   11 students	SP12
A46 ARCH 419 04: Architectural Design III   Graduate Program Core Studio   Housing Studio   Third Semester   10 students	F11
A46 ARCH 511 10   A46 ARCH 512 10   A46 ARCH 611 10: Architectural Design V, VI, VII   Advanced Graduate Option Studio   The St. Louis Effect, Inserting projects into new situations   11 students	SP11
A46 ARCH 419 06: Architectural Design III   Graduate Program Core Studio   Housing Studio   Third Semester   12 students	F10
A46 ARCH 419 07: Architectural Design III   Graduate Program Core Studio   Housing Studio   Third Semester   12 students	F09

### Required Courses

A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   97 students	F23
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   96 students	F22
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   86 students	F21
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   91 students	F20
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   99 students	F19
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   110 students	F18
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   102 students	F17
A46 ARCH 445 01: <b>Building Systems</b>   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices   109 students	F16
A46 ARCH 580 04: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   8 students	SP16
A46 ARCH 580 03: Design Thinking: Research and Design Methods   Intentional, programmatic and	SP15

situational explorations for self-directed Degree Project Studio   11 students	
A46 ARCH 580 03: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   12 students	SP14
A46 ARCH 580 04: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   8 students	SP13
A46 ARCH 580 06: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   9 students	SP12
A46 ARCH 580 06: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   8 students	SP11
A46 ARCH 580 04: Design Thinking: Research and Design Methods   Intentional, programmatic and situational explorations for self-directed Degree Project Studio   9 students	F10
A46 ARCH 552B 01: Site Planning   Coordinator & Instructor   Comprehensive understanding and manipulation of main conditions present in a specific site   76 students	F08
A46 ARCH 552B 01: Site Planning   Instructor   Comprehensive understanding and manipulation of main conditions present in a specific site   30 students	F07
A46 ARCH 320A 03: Architectural Representation I   Undergraduate   14 students	F05

### Elective Courses

A46 ARCH 435F 01: <b>Precast Concrete Enclosures</b>   Fabrication Seminar   15 students	SP23
A46 ARCH 435F 01: <b>Precast Concrete Enclosures</b>   Fabrication Seminar   13 students	SP22
A46 ARCH 435F 01: <b>Precast Concrete Enclosures</b>   Fabrication Seminar   14 students	SP21
A46 ARCH 435F 01: <b>Precast Concrete Enclosures</b>   Fabrication Seminar   14 students	SP20
A46 ARCH 430D 01: <b>The Thin Side of Concrete</b>   Fabrication Seminar   12 students	SP19
A46 ARCH 435E 01: <b>Furnish It, With Pieces</b>   Fabrication Seminar   12 students	SP18
A46 ARCH 435E 01: <b>Furnish It, With Pieces</b>   Fabrication Seminar   10 students	SP17
A46 ARCH 435E 01: <b>Furnish It, With Pieces</b>   Fabrication Seminar   12 students	F15
A46 ARCH 435E 01: <b>Furnish It, With Pieces</b>   Fabrication Seminar   13 students	F14
A46 ARCH 435E 01: <b>Furnish It, With Pieces</b>   Fabrication Seminar   15 students	F13
A46 ARCH 435D 01: <b>Surface It, with pieces</b>   Fabrication Seminar   12 students	F12
A46 ARCH 435D 01: <b>Surface It, with pieces</b>   Fabrication Seminar   12 students	F11

### Research Assistant

Work Publication   Prof. Jane Wolff	F04
Work Publication   Prof. Gia Daskalakis	F02

### Teaching Assistant

Design Thinking: Research and Design Methods	F05
Design Thinking: Research and Design Methods	SP05
317 Architectural Design II   Graduate Studio   Prof. Gia Daskalakis	F04
212 Architectural Design   Undergraduate Studio   Prof. Jane Wolff	SP03
Case Studies 20th Century Architecture   Required Course   Prof. Gia Daskalakis	F02

**University of Buenos Aires** | School of Architecture, Design and Urbanism | Buenos Aires | Argentina



## S E R V I C E

### ACADEMIC ADMINISTRATION SERVICE

#### Coordinate and develop curricula for the following required courses:

A46 ARCH 445 01: Building Systems   Graduate & Undergraduate Architectural Technology sequence   Introductory course on contemporary building practices	F16 - present
Solar Decathlon 2017   Faculty Project Designer leader   Advanced Graduate and Undergraduate Option Studios	2015-2017
A46 ARCH 419 06: Architectural Design III   Graduate Program Core Studio   Third Semester   Housing design	F13
A46 ARCH 552B 01: Site Planning   Coordinator & Instructor   Comprehensive understanding and manipulation of main conditions present in a specific site	F08

### ACADEMIC COMMITTEE SERVICE

#### *National and International Service*

Faculty advisor. 2023 Project Precast, Sponsored by PCI Foundation. Granted placement in the competition to 2 SFS undergraduate students. WashU student achieved 1st place. Columbus, OH.	2023
Faculty advisor. 2022 Project Precast, Sponsored by PCI Foundation. Granted placement in the competition to 1 SFS undergraduate student. WashU student achieved 1st place. Kansas City, MO.	2022
Develop Fabrication Chapter for PCI Prestressed Concrete Teaching Materials	2021
Faculty Advisor 2021 AIA-Central States Region Student Design Competition	2021
PCI Task Force peer-review for NC State University study for Studio assessment	2020
Abstract Reviewer for ACSA 109th Annual Meeting EXPANDING THE VIEW	2020
Faculty advisor. 2020 Project Precast, Sponsored by PCI Foundation. Granted placement in the competition to 3 SFS graduate students. WashU students achieved 1st place and honorable mention in the competition. Fort Worth, TX.	2020
Faculty advisor. 2019 Project Precast, Sponsored by PCI Foundation. Granted placement in the competition to 5 SFS students: 4 grads and 1 undergrad. WashU students achieved 1st and 2nd places in the competition. Louisville, KY.	2019
AIA Prairie Illinois Design & Service Awards, Juror for 2018 Competition	2018
PCI Architectural Precast Committee, Member	2018 - present
PCI Student Education Committee, Member	2018 - present
PCI Concrete Materials Technology Committee, Member	2018 - present

#### *Sam Fox School of Design & Visual Arts*

Search Committee for Assistant Professor in Design Technology	SP23
Exhibitions Committee, Chair	2019 - 2023
Fitzgibbon Scholarship Committee, Member	2019 - 2022
Building Technology Committee, Member	2016 - present

### ***Academic Advising for Graduate students***

Graduate students: 13	F23
Graduate students: 14	SP23
Graduate students: 16	F22
Graduate students: 9	SP22
Graduate students: 15	F21
Graduate students: 11	SP21
Graduate students: 18	F20
Graduate students: 20	SP20
Graduate students: 23	F19
Graduate students: 17	SP19
Graduate students: 26	F18

### ***Waiver reviewer***

Building Systems   waiver reviewer   11 students	F20
Building Systems   waiver reviewer   27 students	F19
Building Systems   waiver reviewer   27 students	SP19
Building Systems   waiver reviewer   students	F18
Building Systems   waiver reviewer   students	F17
Building Systems   waiver reviewer   students	F16

### ***Graduate Application Review***

Graduate Application Review: team leader, reviewed 25 students	SP23
Graduate Application Review: team leader, reviewed 30 students	SP22
Graduate Application Review: team leader, reviewed 41 students	SP21
Graduate Application Review: team leader, reviewed 45 students	SP20
Graduate Application Review: team leader, reviewed 45 students	SP19
Graduate Application Review: reviewed 48 students	SP18
Graduate Application Review: reviewed 43 students	SP17
Graduate Application Review: reviewed 40 students	SP16

### ***Fitzgibbon Scholarship Committee***

Fitzgibbon Scholarship review   30 students applications   6 students interview	SP21
Fitzgibbon Scholarship review   30 students applications   6 students interview	SP22

### ***Recruiting Efforts***

Open House presentation 2021, Presented Building Technology	SP17, SP19, SP21, SP22, SP23
Recruiting trip @ Architecture & Design College Fair, Dallas, October 12, 2019	SP20

# P R A C T I C E

## PROFESSIONAL EXPERIENCE

**Performative Concrete Hub | Founder** 2019 - present  
Research performative qualities of concrete applied to building enclosure systems

**Concrete Bird Blind** [Under Construction] 2022-present  
Audubon Center at Riverlands, West Alton, MO

**Compact House** 2022-present  
Resilient precast concrete modular home

**FTF prefab modular house**, Branson, MO. Schematic Design 2021

**Operative Walls** 2020  
Application of Sequential Casting Concrete System

Design.ECT Manufacturing facility, Tampa FL - **Precast concrete building**. Schematic Design 2019

K's Theatrical Korps Performing Art Theater, St. Louis MO - **Precast concrete building**. Schematic Design 2019

**laulab**, St. Louis, MO 2000 - 2018

**Partner**  
Design laboratory/office focused in the exploration of interactions at all scales between buildings, cities and landscape.

DenCity Competition

HUB: Hybrid Urban Bioscapes, Sustainable Land lab Competition, St. Louis, MO. Finalist, status: Built  
Cabañas Nevi, El Calafate, Santa Cruz, Argentina. Schematic Design

Exhibition Panels, Steinberg Auditorium, Washington University in St. Louis, St Louis, MO. Schematic Design, Design Development, Construction Documents, Construction Administration

The University of Chicago, Façade studies for Parking Garage, Chicago, IL. Schematic Design

funCIO bed, Schematic Design, Construction Documents, Assembly. Built

Pruitt-Igoe Ideas Competition, St. Louis MO

La Cabaña, General Pinto, Buenos Aires, Argentina. Schematic Design

Barrio Privado, El Chalten, Santa Cruz, Argentina. Schematic Design

Asplund Library, Competition

Boston Center for the Arts, Competition

Landscape Proposal for St Anthony's Medical Center, St Louis, MO. Schematic Design. In collaboration with Das:20 Architecture

Saybolt Argentina Headquarters – Office Addition, Buenos Aires, Argentina. Schematic Design

**Forum Studio, Inc. Architectural Firm** 02/2005 – 02/2011  
St. Louis, MO

**Associate, Project Designer**  
Produce and coordinate the design process from start to finish on projects. Participate in the construction process throughout the development of the projects. Perform design, drafting and coordination in architectural projects.

Novus International Headquarters, St. Charles, MO. Schematic Design, Design Development, Construction Documents, Construction Administration

Center Pointe – Hospital Addition, St. Charles, MO. Schematic Design, Design Development, Construction Documents,

Children's Place - Office Building, AL. Schematic Design, Design Development  
 Power Plant, Washington University School of Medicine, St Louis, MO. Ideas Competition  
 MW Tower – Mix use program, St Louis, MO. Schematic Design  
 Memphis Bioworks – Lab & Office Building, Memphis, TN. Schematic Design  
 Chevron Headquarters, LA. Schematic Design  
 CRG – Office Building, North Park, St. Louis, MO. Schematic Design  
 Porto Farina Masterplan, Garh-El-Melh, Tunisia. Schematic Design  
 MU Radil, University of Missouri, Columbia, MO. Schematic Design  
 Dagget Avenue – Housing Development, St Louis, MO. Schematic Design  
 Brown Shoe Company – Headquarters, Clayton, MO. Schematic Design  
 Premier Beverage – Office Building, FL. Schematic Design  
 Northpark Spec 150K- Office Building, North Park, St. Louis, MO. Schematic Design  
 Wind Capital Group –Field Offices and Garage, MO. Schematic Design  
 Mississippi River Festival - Auditorium, IL. Schematic Design  
 Ryerson – Office Building, North Park, St. Louis, MO. Schematic Design

**Luchini AD** Architectural Firm  
 St. Louis, MO

**Team Architect**

Amonte Residence, St. Louis MO. Design of single family house. St. Louis MO. Schematic Design	02/2006
Competition for the Master plan for residential development in Wuhan, China. Schematic Design	10/2005
Competition for the Master plan for residential development in Dalian, China. 7,000,000 sf. Schematic Design	04/2005
Council Tower, St. Louis MO. Design of new canopy for the complex. St. Louis. Schematic Design	06/2004
Stone Residence addition to existing house, St. Louis MO. Schematic Design and Design Development	09/2003

<b>Hellmut, Obata &amp; Kasabaum (HOK)</b> Architectural Firm St. Louis, MO	07/2003 - 08/2003
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**Summer Internship.** Design Development drawings

<b>Secretary of Culture of the City of Buenos Aires</b> – Department of Infrastructure Buenos Aires, Argentina <b>Project Designer.</b> Design and documentation for the Auditorium of the City of Buenos Aires. <b>Project Manager</b> with Lead Architect Emilio Ambasz's team on project for the MAMBA (Buenos Aires Museum of Modern Art).	05/2001 - 07/2002
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<b>Phonex-Isocor SA</b> (Leading Company in production, installation and sale of ceilings and floors). Buenos Aires, Argentina <b>Project Designer</b> Development of ceilings layouts and construction details. Documentation of shop drawings. Construction site supervision. Designed and documentenation of technical brochures.	04/2000 - 04/2001
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<b>Loma Negra</b> C.I.A.S.A. (Leading Cement Company in Latin America) Buenos Aires, Argentina <b>Technical Analyst.</b> Research lab team. Advised Construction Companies and Studios. Organized, researched, compiled and designed the CMU Technical Manual.	03/1999 - 03/2000
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**D & M Construcciones SA** (Construction Company)

Buenos Aires, Argentina

**Project Manager.** Documentation of architectural construction documents, mostly single family houses. Site supervision. Analysis of bids for new buildings. Model Maker, residential projects and suburban real estate developments.

06/1995 - 02/1999

**OOPS!** (Documentation, Rendering and Plotting Service)

Buenos Aires, Argentina

**Personal Enterprise Associate.** External documentation of Schematic Design and Construction documents for arch. firms

02/1997 - 08/2000