

C U R R I C U L U M V I T A E

C A T A L I N A F R E I X A S

Associate Professor of Architecture
College of Architecture | Graduate School of Architecture and Urban Design
Sam Fox School of Design & Visual Arts
Washington University in St. Louis
One Brookings Drive, St. Louis, MO 63130
e: freixas@wustl.edu | p: 314-935-3360

Affiliate Professor Social Policy Institute | <https://www.instagram.com/segbydesign/>
Architecture Minor Advisor | <https://www.instagram.com/archfornonarchitects/>

E D U C A T I O N C R E D E N T I A L S

Diploma in Architecture, University of Buenos Aires, School of Architecture, Design and Urbanism, Buenos Aires, Argentina. Professional degree program, 6 years. 2000

P R O F E S S I O N A L C E R T I F I C A T I O N

Registered Architect, Colegio de Arquitectos de la Provincia de Buenos Aires, Argentina. 2000 - current

LEED AP (BD+C), USGBC. 2006 - current

P R O F E S S I O N A L A F F I L I A T I O N S

Urban Affairs Association (UAA). 2014 - current

The Environmental Design Research Association (EDRA). 2014 - current

Bio-Inspired Design (BID) Community. 2011 - current

Association of Collegiate Schools of Architecture (ACSA). 2011 - current

US Green Building Council (USGBC), Missouri Gateway Chapter, St. Louis, Missouri. 2006 - current

Colegio de Arquitectos de la Provincia de Buenos Aires (CAPBA), Buenos Aires, Argentina. 2000 - current

Sociedad Central de Arquitectos (SCA), Buenos Aires, Argentina. 1991 - current

A C A D E M I C A P P O I N T M E N T S

Washington University in St. Louis.

Associate Professor in Architecture. 07/2019 - current
Graduate and Undergraduate Programs.

Faculty Fellow | Liggett-Koenig Residential College. 06/2023 - current

Faculty Affiliate, Center for the Environment. 12/2023 - current

Faculty Affiliate, Social Policy Institute. 08/2023 - current

Faculty Affiliate, Center for the Study of Race, Ethnicity & Equity, CRE2. 06/2020 - current

Undergraduate Minor Advisor. 01/2019 - current

Former Director, Architecture Discovery Program. 05/2012 - 09/2020

Assistant Professor in Architecture. 08/2013 - 07/2019
Graduate and Undergraduate Programs.

Senior Lecturer in Architecture. 09/2006 - 08/2013
Graduate and Undergraduate Programs.

Visiting Assistant Professor. 09/2004 - 09/2006
Graduate and Undergraduate Programs.

University of Buenos Aires, School of Architecture, Design and Urbanism. 03/2000 - 08/2002

Adjunct Assistant Professor.
Professional Degree Program.

A C A D E M I A

T E A C H I N G

A C A D E M I C H O N O R S A N D A W A R D S

Nominee St. Louis Confluence Award.	2023
Nominee St. Louis Confluence Award.	2022
Commencement Speaker, Washington University in St. Louis.	2015
Outstanding Teaching Award, Washington University in St. Louis.	2012
Nominee under Educator category, Growing Green Awards, USGBC.	2012
Commencement Speaker, Washington University in St. Louis.	2011
Nominee under Educator category, Growing Green Awards, USGBC.	2010
Expo Design, Architecture III, Chair Prof. Scarone, University of Buenos Aires, School of Architecture, Design and Urbanism. Buenos Aires, Argentina.	1995

T E A C H I N G E X P E R I E N C E

Washington University in St. Louis

Design Studios:

A46.ARCH 144 Architecture For Non-Architects. A Pocketpark in Baden: Community Life. Design Studio for Architecture Minor students. (15 students).	SP2024
A46.ARCH 111B 03 Introduction to Design Processes I. Undergraduate Program Core Studio, first semester (11 students).	FL2023
A46.ARCH 144 Architecture For Non-Architects. Scott Joplin: Life, Work, and Memory. Design Studio for Architecture Minor students. (10 students).	SP2023
A46.ARCH 111B 03 Introduction to Design Processes I. Undergraduate Program Core Studio, first semester (11 students).	FL2022
A46.ARCH 144 Architecture For Non-Architects. Levering Historic Assets to Improve Communities: The Ville. Design Studio for Architecture Minor students. (13 students).	SP2022
A46.ARCH 107S 03 Architecture Discovery Program. Introduction to Architecture and Design for High School students (9 students).	SU2020
A46.ARCH 144 Architecture For Non-Architects. Design Studio for Architecture Minor students. (9 students).	SP2020
A46.ARCH 211B 03 Introduction to Design Processes III. Undergraduate Program Core Studio, third semester (12 students).	FL2019
A46.ARCH 107S 03 Architecture Discovery Program. Introduction to Architecture and Design for High School students (9 students).	SU2017
A46.ARCH 511 03 A46.ARCH 512 03 A46.ARCH 611 03 Architectural Design III/V/VI/VII. Graduate Option Studio. Inclusion and Neighborhood Resilience: Designing for Equity in Metamorphic Cities [v. 2.0] (11 students).	SP2019
A46.ARCH 111 03 Introduction to Design Processes I. Undergraduate Program Core Studio, first semester (11 students).	FL2018
A46.ARCH 411 02 A46.ARCH 511 01 A46.ARCH 512 01 A46.ARCH 611 01 Architectural Design III/V/VI/VII. Advanced Undergraduate and Graduate Option Studio. School Design for Resilience: Designing Learning Environments for the Future (10 students).	FL2017
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (9 students).	SU2017

A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (11 students).	SP2017
A46.ARCH 511 01 A46.ARCH 512 01 A46.ARCH 611 01 Architectural Design V/VI/VII. Advanced Graduate Option Studio. Inclusion and Neighborhood Resilience: Designing for Equity in Post-industrial Cities (7 students).	FL2016
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (11 students).	SU2016
A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (10 students).	SP2016
A46.ARCH 419 03 Architectural Design III. Graduate Program Core Studio, third semester. Housing International Studio (10 students).	FL2015
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (11 students).	SU2015
A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (10 students).	SP2015
A46.ARCH 511 02 A46.ARCH 512 02 A46.ARCH 611 02 Architectural Design V/VI/VII. Advanced Graduate Option Studio. Metamorphic Cities: Sustainable Strategies for Adaptive Reuse (9 students).	FL2014
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (9 students).	SU2014
A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (12 students).	SP2014
Design Studios prior to tenure track appointment:	
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2013
A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (10 students).	SP2013
A46.ARCH 317 02 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL2012
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (13 students).	SU2012
A46.ARCH Explore Architecture. Introduction to Architecture and Design for College and Graduate students (5 students).	SU2012
A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester (10 students).	SP2012
A46.ARCH 317 02 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL2011
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2011
A46.ARCH 511 03 A46.ARCH 512 03 Architectural Design V/VI. Advanced Graduate Option Studio. Reveries with water along the (River) Des Peres (12 students).	SP2011
A46 ARCH 317 03 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL2010
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2010

A46.ARCH 212 02 Introduction to Design Processes IV. Undergraduate Program Core Studio, third semester (14 students).	SP2010
A46.ARCH 317 03 Architectural Design I. Graduate Program Core Studio, first semester (13 students).	FL2009
A46.ARCH 212 02 Introduction to Design Processes IV. Undergraduate Program Core Studio, third semester (12 students).	SP2009
A46.ARCH 317 02 Architectural Design I. Graduate Program Core Studio, first semester (9 students).	FL2008
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2008
A46.ARCH 212 01 Introduction to Design Processes IV. Undergraduate Program Core Studio, third semester (11 students).	SP2008
A46.ARCH 317 04 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL2007
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2007
A46.ARCH 212 01 Introduction to Design Processes IV. Undergraduate Program Core Studio, third semester (11 students).	SP2007
A46.ARCH 317 03 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL 2006
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2006
A46.ARCH 312 01 A46.ARCH 411 01 A46.ARCH 412 01 Architectural Design II/III/IV. Advanced Undergraduate Option Studio. Reveries with water along River Des Peres (11 students).	SP2006
A46.ARCH 317 01 Architectural Design I. Graduate Program Core Studio, first semester (13 students).	FL2005
A46.ARCH 0012 01 Architecture Discovery Program. Introduction to Architecture and Design for High School students (12 students).	SU2005
A46.ARCH 317 01 Architectural Design I. Graduate Program Core Studio, first semester (10 students).	FL2004
Architectural Technology Core Courses:	
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (46 students).	SP2024
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (1 students).	SP2024
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (39 students).	SP2023
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (1 students).	SP2023
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (25 students).	SP2022
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (28 students).	SP2020
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (20 students).	SP2020

A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (44 students).	SP2019
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (45 students).	SP2018
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (4 students).	SP2018
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (56 students).	SP2017
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (1 student).	SP2017
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (97 students). [Course Released].	SP2016
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (15 students). [Course Released].	SP2016
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (91 students).	SP2015
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (16 students).	SP2015
A46.ARCH 438 01 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence (76 students).	SP2014
A46.ARCH 4381 Environmental Systems I: Site Planning. Graduate foundation course in the Architectural Technology sequence (5 students).	SP2014
Architectural Representation Core Courses prior to tenure track appointment:	
A46.ARCH 320A Architecture Representation I. Undergraduate Representation lecture course parallel with 311 Design Studio (38 students).	FL2012
A46.ARCH 320A 04 Architecture Representation I. Undergraduate Representation lecture course parallel with 311 Design Studio (10 students).	FL2011
A46.ARCH 320A 02 Architecture Representation I. Undergraduate Representation lecture course parallel with 311 Design Studio (12 students).	FL2010
A46.ARCH 320A 02 Architecture Representation I. Undergraduate Representation lecture course parallel with 311 Design Studio (13 students).	FL2009
Architectural Elective courses:	
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (7 students).	FL2023
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (12 students).	FL2022
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (10 students).	FL2019
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (6 students).	FL2018
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (7 students).	FL2017
A46.ARCH 457B 01 Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis. History/theory elective (13 students).	FL2016
A46.ARCH 457B 01 Designing Sustainable Environments. Sustainability, history of	FL2015

rating systems with focus on USGBC and LEED (3 students).

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (3 students). SP2014

Architectural Elective courses prior to tenure track position appointment:

A46.ARCH 336E 01 Biomimicry, Teleology & Organic Architecture. History and evolution of Biomimicry as a significant design tool (7 students). SP2013

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (14 students). FL2012

A46.ARCH 336D 01 Biomimicry: A Biokinetic Approach to Sustain(Able) Design. Seminar exploring Biology as a tool for design (8 students). SP2012

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (10 students). FL2011

A46.ARCH 336C 01 Biomimicry: Toward a Sustainable Design. Seminar exploring Biology as a tool for design. SP2011

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (10 students). FL2010

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (8 students). SU2010

A46 ARCH 336C 01 Biomimicry: Toward a Sustainable Design. Seminar exploring Biology as a tool for design. SP2010

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (8 students). FL2009

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (8 students). SU2009

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (7 students). SP2009

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (13 students). FL2008

A46 ARCH 462J 01 LEED in the Context of the Whole Building Energy Modeling. Seminar researching sustainability, rating systems with focus on USGBC and LEED (4 students). SU2008

A46.ARCH 336B 01 Designing Sustainable Environments. Sustainability, history of rating systems with focus on USGBC and LEED (11 students). SP2008

A46.ARCH 410P 01 LEED & Sustainable Design Thinking. Sustainability, history of rating system with Focus on USGBC and LEED (10 students). FL2007

A46.ARCH 410P 01 LEED & Sustainable Design Thinking. Sustainability, history of rating system with Focus on USGBC and LEED (10 students). SP2007

Independent Studies:

L13 Writing 500 13 Independent Study. Segregation by Design (1 student). SP2019

Independent Studies prior to tenure track appointment:

A46.ARCH 381 03 Independent Study. Water Wise. Biomimicry Student Design Challenge. Undergraduate Independent Study that explores Biomimetic solutions to water access and management (2 students). SP2013

A46.ARCH 481 12 Independent Study. Water Wise. Biomimicry Student Design Challenge. Undergraduate Independent Study that explores Biomimetic solutions to water access and management (2 students). FL2012

A46.ARCH 482 04 Independent Study. Undergraduate Independent Study that explores Biomimetic solutions to Sustainable Design (2 students).	SP2012
A46.ARCH 682 04 Independent Study. Public Space: A comparative mapping. Graduate Independent Study that explores the role that public space has played in recent civic actions through a series of comparative mappings and timelines (1 student).	SP2012
A46.ARCH 481 12 Independent Study. Biomimetic Solutions to Energy Efficiency Challenges. Undergraduate Independent Study that broadly explores the term “energy efficiency” as products, processes, or systems inspired by nature. The resulting design will be submitted for the Biomimicry Student Design Challenge (2 students).	FL2011

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

Design Studios:

Architecture Design III, Chair Full Prof. Scarone. Graduate Program, second year (15 students).	2002
Architecture Design III, Chair Full Prof. Scarone. Graduate Program, second year (15 students).	2001
Architecture Design III, Chair Full Prof. Scarone. Graduate Program, second year (15 students).	2000

Architectural Representation Core Course:

Architectural Representation, Chair Full Prof. Scarone. Graduate Representation lecture course (20 students).	2002
Architectural Representation, Chair Full Prof. Scarone. Graduate Representation lecture course (20 students).	2001
Architectural Representation, Chair Full Prof. Scarone. Graduate Representation lecture course (20 students).	2000

S E R V I C E

ACADEMIC ADMINISTRATION SERVICE

Coordinated and developed curricula for the following required courses:

A46.ARCH 144 Architecture for Non-Architects. Introduction to Architecture and Design to non-architecture students.	2020 - current
A46.ARCH 0012 Director Architecture Discovery Program. Introduction to Architecture and Design for High School students.	2012 - 2020
A46.ARCH 438 Environmental Systems I. Graduate and Undergraduate foundation course in the Architectural Technology sequence.	2014 - current
A46.ARCH 4381 Environmental Systems I: Site Planning. Second module of the Graduate and Undergraduate foundation course in the Architectural Technology sequence.	2014 - current
A46. ARCH 317 Architectural Design I A48.LA 401 Landscape Architecture Design I. Graduate Program Core Studio for Architecture and Landscape Architecture, first semester.	2012 - 2013
A46.ARCH Explore Architecture. Introduction to Architecture and Design for College and Graduates students.	2012
A46.ARCH 320A Architecture Representation I. Undergraduate Representation.	2009 - 2012

Co-coordinated and jointly developed curricula for the following required course:

A46.ARCH 318 Architectural Design II. Graduate Program Core Studio, first semester.	2011
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Jointly developed curricula for the following required courses:

A46.ARCH 318 02 Architectural Design II. Graduate Program Core Studio, second semester	2017
A46.ARCH 212 Architectural Design III. Undergraduate Program Foundation Studio, second year.	2005 - 2010
A46.ARCH 0012 Architecture Discovery Program. Introduction to Architecture and Design for High School students.	2007 - 2011

Developed section curricula for the following required courses:

A46.ARCH 419 03 Architectural Design III. <i>Too Much Too Little Vacant Land: The Challenge Of Eco-Urbanism.</i> Palermo, Buenos Aires, Argentina. International Studio. Graduate Program Core Studio, third semester.	2015
A46.ARCH 318 Architectural Design II. <i>The Multicultural Library – A Gateway to a Cultural Diverse Society in Dialogue.</i> Deep Space/Vertical Bibliotheca. Graduate Program Core Studio, second semester.	2014 - 2016

ACADEMIC COMMITTEE SERVICE

National and International Service.

Journal of Contemporary Urban Affairs, reviewer.	2017 - current
Smart and Sustainable Built Environment, reviewer.	2017 - current
Biomimicry Institute, Higher Education Advisor.	2013 - current
Association of Collegiate Schools of Architecture (ACSA), Faculty Councilor for the Sam Fox School of Design & Visual Arts, Washington University in St. Louis.	2011 - 2018
Bio-Inspired Design Community, Think Tank Advisory Committee.	2011 - current

St. Louis and St. Louis Region Service.

B.E.S.T. Collaborative Partnership	2020 - current
SLACO (St. Louis Association of Community Organizations) Vacancy Committee	2015 - current
Regional System Integration Initiative (RSII) Consortium.	2014 - current
USGBC, Higher Education Committee, St. Louis Chapter, St. Louis, MO.	2007 - 2015

Washington University in St. Louis.

Association of Women Faculty. Member Committee.	2024 - current
Search Advocacy Program.	2022 - current
Environmental Justice Committee.	2019 - current
Steering Committee for Diversity & Inclusion	2013 - current
Gephardt Institute Community-Engaged Teaching Committee.	2015
Minority Faculty Mentoring Program .	2015
Race & Ethnicity: A Day of Discovery and Dialogue. SFS Faculty Delegate.	2012 - 2020
Danforth Campus Underrepresented Minority Faculty Diversity Program.	2012 - 2015
Latino/Latin American Issues Working Group, Washington University in St. Louis.	2012 - 2020
Association of Women Faculty.	2012 - 2020
Campus Diversity Collaborative Committee.	2012 - 2020

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

Dean Advisory Committee.	2023 - 2026
Faculty Search - History + Theory, Co-Chair	2022 - 2023
Academic Integrity Committee	2015 - 2017
Tenure Committee	2019 - current
Sam Fox School Architecture Technology Committee.	2015 - current
Sam Fox School Lecture Committee.	2007 - 2016
I-CARES Professor Search Committee.	2015
Weil Hall Shared Space Team.	2015
Visiting Assistant Professor Search Committee.	2014
Women in Architecture 1974-2014, Symposium Committee.	2014
ADP Scholarship Committee.	2015 - 2021
Elisabeth S. Schmerling Scholarship Committee.	2012 - 2021
Fitzgibbon Scholarship Committee.	2012 - 2021
Undergraduate Minor Advisor.	2020 - current
Undergraduate Advisor.	2007 - current
Graduate Advisor.	2007 - 2018
Environmental Systems I Waiver Advisor.	2014 - 2021
Sam Fox School Graduate Admission Reviewer.	2005 - current
Center for Health Research & Design	2016 - 2017
Sam Fox School Fairness and Diversity Committee.	2011-2012
Sam Fox School Sustainability Program Research.	2007

A D V I S I N G

Minor Advisor

Undergraduate Students (26 students)	2023 - 2024
Undergraduate Students (34 students)	2022 - 2023
Undergraduate Students (12 students)	2019 - 2020
Academic Advisor	
Undergraduate Students (4 students)	2022 - 2023
Undergraduate Students (12 students)	2019 - 2020
Undergraduate Students (19 students)	2018 - 2019
Undergraduate Students (20 students)	2017 - 2018
Undergraduate Students (11 students)	2016 - 2017
Graduate Students (2 students)	2015 - 2016
Undergraduate Students (15 students)	2014 - 2015
Undergraduate Students (19 students)	2013 - 2014
Undergraduate Students	2007 - 2013
Waiver Reviewer	
Environmental Systems I Waiver Advisor (42 students)	2019 - 2020
Environmental Systems I Waiver Advisor (73 students)	2018 - 2019
Environmental Systems I Waiver Advisor (44 students)	2017 - 2018
Environmental Systems I Waiver Advisor (49 students)	2016 - 2017
Environmental Systems I Waiver Advisor (39 students)	2015 - 2016
Environmental Systems I Waiver Advisor (30 students)	2014 - 2015
Environmental Systems I Waiver Advisor (7 students)	2013 - 2014
Admissions Reviewer	
Application Reviewer (45 portfolios)	2022 - 2023
Application Reviewer (62 portfolios)	2020 - 2021
Application Reviewer (62 portfolios)	2019 - 2020
Application Reviewer (45 portfolios)	2018 - 2019
Application Reviewer (46 portfolios)	2017 - 2018
Application Reviewer (67 portfolios)	2016 - 2017
Application Reviewer (75 portfolios)	2015 - 2016
Application Reviewer (45 portfolios)	2014 - 2015
Application Reviewer (50 portfolios)	2013 - 2014
Application Reviewer	2005 - 2013
Other Advising	
Recruiting Efforts	2020 - present
Students Sustainability Funds Grant Advisor (4 students)	2013 - 2015
IDP Advisor	2013 - 2015
Independent Studies	
Water Wise competition entry (3 teams/5 students)	2012
Biomimetic (2 students)	2012
Public Space: A Comparative Mapping (1 student)	2012
Biomimetic Solutions to Energy Efficiency Challenges (2 students)	2011

RESEARCH

GRANTS AND OTHER SOURCES OF SUPPORT

Since 2011, I have received 25 awards directly through WashU, totaling more than \$250,000 in direct research support. My funding success rate is approximately 50 percent.

My research is deeply engaged with communities, and our collaborative efforts have been critical in building the capacity of these partners to secure their own funding to advance our work and research. Since 2013, our capacity-building approach has helped secure 13 awards totaling more than \$1.3M in funding.

WashU Grants (grants administered directly through WashU in which I served as the PI or member of the research team):

Burroughs Wellcome Fund, Climate Change and Human Health Seed Grants	2024
“Strengthening Climate and Health Resilience in Affordable.” Co-PI. In partnership with Rodrigo Siqueira Reis, PhD, MSc. Professor of Public Health, Prevention Research Center, Brown School, Washington University in Saint Louis, and Urban Strategies Inc. Working Group: Wang Yi, Alexandre de Paula da Silva, Milena Franco Silva, Ana Luiza Favarão Leão, Prevention Research Center, Brown School, People Health & Place Unit, Washington University in St. Louis \$50,000. [Anticipated award February 2025].	
Economic Mobility - Focused on the needs of the community. Bank of America Charitable Foundation. “Compact House.” Co-PI. In partnership with Assistant Professor Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$50,000. [Not funded].	2024
CRE2 Arts & Culture Community Grant. “Unveiling the Divide - Understanding Racial Inequities in St. Louis.” Co-PI. In partnership with Rodrigo Siqueira Reis, PhD, MSc. Professor of Public Health, Prevention Research Center, Brown School, Washington University in Saint Louis, Deborah Salvo, PhD. Visiting Associate Professor, Prevention Research Center, Brown School, Washington University in Saint Louis. Working Group: Raúl D. Gierbolini-Rivera, Milena Franco Silva, Andrew N. Crenshaw, Courtney Shaw, Ana Luiza Favarão Leão, and Áine O'Connor, Prevention Research Center, Brown School, People Health & Place Unit, Washington University in St. Louis \$10,000. [Not funded].	2023
Small Grant Ghepardt Mini Grant Application. “Segregation by Design: MLK Corridor.” PI. \$500 [Deferred].	2023
CRE2 Small Grant Application. “Segregation by Design: MLK Corridor.” PI. \$1,000. [Awarded].	2023
CityStudioSTL Faculty Course Grant. “Segregation by Design: MLK Corridor.” PI. \$2,500. [Awarded].	2023
CityStudioSTL Faculty Course Grant. “AFNA. Baden: Pocket Park.” PI. \$2,500. [Awarded].	2023
CityStudioSTL Faculty Course Grant. “AFNA. Scott Joplin: Life, Work, and Memory.” PI. \$2,500. [Awarded].	2023
CRE2 Grant, Visualizing Race and Ethnicity: Algorithms, Discourses, and Design. “AFNA: Architecture for Non-Architects.” PI. \$1,000. [Not funded].	
Office Vice Provost Research, OVCR, Request Form for COVID Tenure Track Faculty Support “B.E.S.T. Approach.” PI. \$41,200. [Awarded].	2023
The Divided City, A Mellon-funded Urban Humanities Initiative, “The Untold Stories: Utilizing History as a Revitalization Strategy.” PI. In partnership with Hickey Elementary School, KingsVille Corporation, SLACO, Griot Museum of African-American History, Missouri Historical Society, CEL, and Harris-Stowe State University. \$19,750. [Not funded].	2023
Office Vice Provost Research, OVCR, Request Form for COVID Tenure Track Faculty Support “B.E.S.T. approach” PI. \$50,000. [Not funded].	
Office Vice Provost Research, OVCR, “Assessing the KingsVille B.E.S.T Collective.” Co-PI. In partnership Deborah Salvo Dominguez, Assistant Professor, Public Health, Brown School, Washington University in St. Louis. \$50,000. [Withdrew].	2022

The Divided City, A Mellon-funded Urban Humanities Initiative, “The Kingsville B.E.S.T Collective.” PI. In partnership with Hickey Elementary School, Kingsville Corporation, and Public Policy Research Center, University of Missouri-St. Louis. \$19,800. [Not funded].	2022
The Divided City, A Mellon-funded Urban Humanities Initiative, “Reclaiming Historic Assets to Transform Communities.” PI. In partnership with 4theVille, BlackArc Design, Tailnet and Missouri Historic Society. \$18,600. [Deferred to Spring 2022 due to COVID-19].	2022
CityStudioSTL Faculty Course Grant. “Segregation by Design.” PI. \$2,000. [Awarded].	2022
Social Policy Institute. “Segregation by Design.” PI. \$1,000. [Awarded].	2020
Office of Vice Chancellor for Research (OVCR) Seed Grant, Washington University in St. Louis. “Developing Innovative Scalable Tools to Identify Cases of Neighborhood Long-Term Resiliency and Stability.” PI. \$47,000. [Not Funded].	2020
Seed Grant Fund, Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “Applying System Theory to Understand Urban Resilience In Contexts of Decline.” PI. \$4,800. [Awarded].	2020
CityStudioSTL Faculty Course Grant. “Segregation by Design.” PI. \$2,000. [Awarded].	2019
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “Inclusion and Neighborhood Resilience.” PI. In collaboration with Emeritus Prof. Mark Abbott, Harris-Stowe State University and Senior Ian Trivers, Washington University. \$41,990. [Not funded].	2019
The Divided City, A Mellon-funded Urban Humanities Initiative, “System Theory in Urban Resilience: Unveiling the Processes behind Indicators of Sustainable Neighborhoods.” Co-PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$15,000. [Not funded].	2019
CityStudioSTL Faculty Course Grant. “Inclusion & Neighborhood Resilience [V2.0].” PI. \$2,000. [Awarded].	2019
InCEES (International Center for Advanced Renewable Energy & Sustainability) Research Grant, Washington University in St. Louis. “The Disappearing African American Communities and the Failure of Socially Sustainable Urban Development.” Co-PI. In collaboration with Emeritus Prof. Mark Abbott, Harris-Stowe State University, and Assistant Prof. John N. Robison III, and Senior Lecturer Ian Trivers, Washington University. \$41,990. [Not funded].	2019
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “The Disappearing African American Communities and the Failure of Socially Sustainable Urban Development.” Co-PI. In collaboration with Emeritus Prof. Mark Abbott, Harris-Stowe State University, and Assistant Prof. John N. Robison III, and Senior Lecturer Ian Trivers, Washington University. \$7,800. [Not funded].	2018
CityStudioSTL Faculty Course Grant. “Segregation by Design.” PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$2,000. [Awarded].	2018
CityStudioSTL Faculty Course Grant. “Segregation by Design.” PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$2,000. [Awarded].	2018
I-CARES (International Center for Advanced Renewable Energy & Sustainability) Research Grant, Washington University in St. Louis. “Metamorphic Cities: A Computational Approach to Sustainability.” Co-PI. In collaboration with The Eugene and Martha Lohman Prof. Arye Nehorai, Department of Electrical & Systems Engineering, Washington University in St. Louis. . \$38,000. [Awarded].	2018
The Divided City, A Mellon-funded Urban Humanities Initiative, “Inclusion & Neighborhood Resilience.” Co-PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$15,000. [Awarded].	2017

FASF (Ferguson Academic Seed Funds). “Segregation by Design: Conversations for Action and Collected Essays.” Co-PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$12,000. [Awarded] .	2016
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “Segregation by Design.” PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$5,700. [Awarded] .	2016
CityStudioSTL Faculty Course Grant. “Segregation by Design.” PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$2,000. [Awarded] .	2016
Center for Health Research & Design, Office Standards, “Optimization Model for Healthcare Office Space.” PI. \$60,000. [Awarded] .	2016
Ferguson Academic Seed Fund. “Segregation by Design: Conversations for Action and Collected Essays.” Co-PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. [Not funded].	2016
Office of the Provost, Bring Your Own Idea, “Segregation by Design.” Co-PI. In collaboration with Prof. Margaret Garb, Arts & Sciences, Washington University in St. Louis and Mark Abbott, Harris-Stowe State University. \$1,000. [Awarded] .	2015
The Divided City, A Mellon-funded Urban Humanities Initiative, “Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” Co-PI. In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$20,000. [Awarded] .	2015
I-CARES (International Center for Advanced Renewable Energy & Sustainability) Research Grant, Washington University in St. Louis. “Metamorphic Cities: Creating Sustainable Cities from the Ground Up.” Co-PI. In collaboration with Lecturer Eric Zencey, Arts & Sciences, Washington University in St. Louis. [Not funded].	2015
Faculty Teaching Development Grants, Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “Research Methods for Assessing Eco-urbanism Strategies: Physical, Social and Environmental Health in Metamorphic Cities.” PI [Not funded].	2015
EDRA Horizons, “The Metamorphic City. Evolution through natural adaptation.” Co-PI. In collaboration with Chad Henry, I-CARES, Washington University in St. Louis. [Not funded].	2014
Downtown Partnership, St. Louis, Missouri, “Metamorphic Cities: Sustainable Strategies for Adaptive Reuse.” PI. \$10,000. [Awarded] .	2014
Interdisciplinary Teaching Program, Washington University in St. Louis. “Research Methods for Assessing Eco-urbanism Strategies: Physical, Social and Environmental Health in Metamorphic Cities.” Co-PI. In collaboration with Assistance Professor Aaron Hipp, Brown School, Washington University in St. Louis. [Withdrawn].	2014
Office of the Vice-Chancellor for Research, University Research Strategic Alliance (URSA), Washington University in St. Louis. “Quantifying benefits of vacant land utilization in Shrinking Cities.” Co-PI. In collaboration with The Eugene and Martha Lohman Prof. Arye Nehorai, Department of Electrical & Systems Engineering, Washington University in St. Louis. \$25,000. [Awarded] .	2014
Civic Engagement Fund, Gephardt Institute, Washington University in St. Louis. “Regaining identity through local Art.” Co-PI. In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. [Not funded].	2014
I-CARES (International Center for Advanced Renewable Energy & Sustainability) Research Grant, Washington University in St. Louis. “City to Prairie: Assessing City and Institutional Sustainability Initiatives.” CO-PI. In collaboration with Asst. Prof. Aaron Hipp, Brown School and Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. [Not funded].	2014
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual	2014

Arts, Washington University in St. Louis. “City to Prairie: A Sustainability Assessment Methodology for Eco-urbanism in Shrinking Cities.” Co-PI. In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. [Not funded].	
Civic Engagement Fund, Gephardt Institute, Washington University in St. Louis. “Re-Furbishing ONSL.” Co-PI. In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$500. [Awarded] .	2014
I-CARES (International Center for Advanced Renewable Energy & Sustainability) Research Grant, Washington University in St. Louis. “Prairie to Prairie: Ungrowth in America’s Cities.” Co- PI. In collaboration with Assistant Professor Aaron Hipp, Brown School and Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$25,000. [Awarded] .	2014
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “Re-Surfacing ONSL.” Co-PI. In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$8,000. [Awarded] .	2013
CAR (Faculty Creative Activity Research Grant), Sam Fox School of Design & Visual Arts, Washington University in St. Louis. “ PI. Design in the emergence of Biomimicry, teleology and organic architecture.” [Not funded].	2012
Office of the Vice-Chancellor for Research, University Research Strategic Alliance (URSA), Washington University in St. Louis. “Designing Effective Learning Environments.” Co-PI. In collaboration with Professor Keith Sawyer, Department of Education, Washington University in St. Louis. [Not funded].	2011
Derivative Grants (grants funded to community partners for projects either related to my community capacity work or my participation as an unfunded member of the research team):	
Safe Routes Partnership, Ruby Bridges Walk to School Day Mini Grant Application. In partnership with Trailnet, Hickey Elementary School and SLACO. \$500. [Awarded] .	2024
InvestSTL, “The B.E.S.T Approach.” In partnership with Hickey Elementary School and SLACO. \$50,000. [Awarded] .	2024
MHC, Missouri Humanities Council, Major Award. In partnership with SLACO. \$15,000. [Awarded] .	2024
CityStudio STL Student Award, Washington University in St. Louis. “A Pocketpark in Baden.” Faculty Sponsor. Student Team: Maya Byrd, M.Arch and MCM, and Luke Lasso, B.S. Architecture. \$500. [Awarded] .	2023
NEH, Funding Opportunity Number: 20230809-BP-BR-GE-GG-GI. In partnership with SLACO. \$75,000. [Awaiting] .	2023
MHC, Missouri Humanities Council, Major Award. In partnership with SLACO. \$10,000. [Not funded].	2023
CDA, ARPA, Neighborhood Beautification. KingsVille plus 6 additional neighborhoods. In partnership with SLACO. \$479,297. [Awarded] .	2023
CDA, ARPA, Neighborhood Transformation Program, Housing Production. Cote Brilliante Presbyterian Housing Corp. \$700,000. [Awarded] .	2023
CDA, Neighborhood Transformation Grant. In partnership with SLACO. \$2,108,980. [Not funded].	2022
St. Louis Urban League, “The KingsVille B.E.S.T Collective.” In partnership with Hickey Elementary School, KingsVille Corporation, SLACO, and the Public Policy Research Center, University of Missouri-St. Louis. \$50,000. [Awarded] .	2023

CityStudio STL Student Award, Washington University in St. Louis. "Scott Joplin." Faculty Sponsor. Student Team: Casey Niblett, M.Arch and MBA. \$500. [Awarded].	2022
NEH, Funding Opportunity Number: 20220810-BP-BR-GE-GG-GI. In partnership with SLACO. \$75,000. [Withdrew].	2022
Housing Affordability Breakthrough Challenge (HABA), Enterprise Community Partners. Initiative by Enterprise Community Partners sponsored by Wells Fargo. "Compact House." In partnership with Assistant Professor Pablo Moyano Fernandez, SFS, WU, Nexus Development Corporation, Gate Precast. \$3,000,000. [Invited to proceed to Round 2. Ultimately Not funded].	2022
CDA, ARPA, Community Development Grant. SLACO. \$30,000. [Awarded].	2022
Housing Affordability Breakthrough Challenge (HABA), Construction focus area. Initiative by Enterprise Community Partners sponsored by Wells Fargo. "Compact House." In collaboration with Assistant Professor Pablo Moyano Fernandez, SFS, Washington University in St. Louis, Matt O'Leary, Nexus St. Louis and Scott Robinson, Gate Precast. \$2,500,000. [Not funded].	2020
MHC (Missouri Humanities Council). "Activating History to Promote Resilient Communities: The Importance of Neighborhood Histories." In collaboration with SLACO (St. Louis Association of Community Organizations). Project Director. \$10,000. [Awarded].	2018
American Society of Interior Designers (ASID) RFP. Promoting Healthy Lives and Well-being in School Design. \$22,000. [Not funded].	2017
FGM Architects. "School Design for Resilience." \$1,500. [Awarded].	2017
MHC Missouri Humanities Council "Segregation by Design: Conversations for Action and Essays." In collaboration with Prof. Mark Abbott, Harris-Stowe State University. \$9,400 [Not funded].	2017
International Institute of St. Louis [IISTL] . "Inclusion & Neighborhood Resilience." \$2,500. [Awarded].	2015
EDRA Horizons, "The Metamorphic City. Evolution through natural adaptation." In collaboration with Chad Henry, I-CARES, Washington University in St. Louis. [Not funded].	2015
Neighbors Naturescaping Project, Operation Brightside (part of the City of St. Louis Milkweed for Monarchs Initiative), "HUB: Hybrid Urban Bioscapes." In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$1,500. [Awarded].	2014
WildCare Institute Center for Conservation in Forest Park, The Field Conservation Program (FCP), "HUB: Hybrid Urban Bioscapes." In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. \$10,000. [Awarded/Deferred].	2014
Sylvia Harris Citizen Design Award, Design Ignites Change, "HUB: Hybrid Urban Bioscapes. Learning from Natural Environments." In collaboration with Senior Lecturer Pablo Moyano Fernandez, SFS, Washington University in St. Louis. [Not funded].	2014
Educator Grant, Design Ignites Change, "Reuniting communities through Public Space." [Not funded].	2014
Student Sustainability Fund, Washington University in St. Louis. "Re-Prairieing ONSL." Faculty Sponsor. Student Team: Briana Coleman, Elisandra Garcia Gonzalez and Natalie Ng. \$6,000. [Awarded].	2013

SELECTED PUBLICATIONS

Book:

Freixas, C. and Mark Abbott (2018). *Segregation by Design. Conversations and Call for Action in St. Louis*, The Urban Book Series. Cham, Switzerland: Springer International Publishing. 2018
ISBN 978-3-319-72955-8.

Book Chapter:

Freixas, C. and Pablo I. Moyano Fernandez (2014). "De Pradera A Pradera: Decrecimiento en Ciudades Americanas," *Perspectivas Urbanas 7. Espacio colectivo, regiones urbanas*, 2014
Escuela de Arquitectura de la UE. Madrid, Espana: Universidad Europea Madrid, 46-53.

Peer-reviewed Journal Articles:

Freixas, C. and Pablo I. Moyano Fernandez (2014). "Shrinking Cities: A Sustainable Assessment of Eco-urbanism Strategies," *architecturemos, The Mediated City Conference*, 2014
Ravensbourne University, London, UK: Amps. http://architecturemps.com/wp-content/uploads/2013/09/mc_conference_freixas_fernandez.pdf.

Hoeller, N., A. K. Goel, R. Anway, C. Freixas, J. McDougall, K. Miteva, F. Salustri, and A. Upward (2013). "B3D Position Paper," *Zygote Magazine: zq07*, 134-148. ISSN 1927-8314. 2013

Freixas, C. and Pablo I. Moyano Fernandez (2013). "Prairie to Prairie: Ungrowth in American Cities," *Suburban Sustainability: Vol. 1: Iss.1, Article 3*. <http://dx.doi.org/10.5038/2164-0866.1.1.3> 2013

Peer-reviewed Conference Proceedings:

Freixas, C. (2019). "From Urban Sustainability to Resilience: Embracing System Theory," in *Developing a Construct of Neighborhood Resilience*, organized panel moderated by C. Freixas, *Environmental Design Research Association, EDRA50 Brooklyn*, New York, NY. 2019

Freixas, C. (2018). "Segregation by Design: Conversations and Calls for Actions from St. Louis," *Environmental Design Research Association, EDRA49: Social Equity by Design. Designing Connections through Community*, Oklahoma City, OK. 2018

Freixas, C. (2017). "Segregation by Design: Historical Analysis of Segregation and Potential Mitigation Strategies" *Environmental Design Research Association, EDRA48: Voices of Places. Empower, Engage, Energize*, Madison, WI. 2017

Freixas, C. (2016). "Developing a Transdisciplinary Research Methodology," *Environmental Design Research Association, EDRA47 Raleigh: Innovation: Shifting Ground*, Raleigh, NC. 57-65. 2016

Freixas, C. (2015). "Redefining development in Post-industrial Cities," Organized Panel: "Urban Wilds: Vacant Land, Nature, and the Unraveling City," moderated by Susan Dieterlen, *Environmental Design Research Association, EDRA46: brainSTORM. Los Angeles: Dynamic Interactions of Environment-Behavior and Neuroscience*, Los Angeles, CA: Fernando & Barker, 235-236. 2015

Freixas, C., Pablo I. Moyano Fernandez, and Aaron Hipp (2014). "A Quantitative Sustainability Assessment: Effectiveness of Green-Blue Infrastructure in a Shrinking City," *12th International conference of Urban History. European Association for Urban History* 2014

(EAUH). *Cities in Europe. Cities in the World*. New University of Lisbon, Lisbon, Portugal.

Freixas, C. and Pablo I. Moyano Fernandez (2014). "Eco-urbanism: Sustainable Strategies for Vacant Land in St. Louis," *Environmental Design Research Association, EDRA45: New Orleans: Building with change*, New Orleans, LA: Carney & Cheramie, 70-78. 2014

Freixas, C. (2012). "Biomimicry: A Biokinetic Approach to sustainable research based design," *First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society*, Webster University, Webster Groves, St. Louis, MO. 2012

Freixas, C. (2012). "The affective domain: sustainability within research in higher education," *First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society*, Webster University, Webster Groves, St. Louis, MO. 2012

Freixas, C. (2012). "Biomimicry in Architecture: A Biokinetic Approach," *Biomimicry in Higher Education*, Part II, Biomimicry Institute. <http://biomimicry.org/shop/proceedings-higher-ed-webinar-2012/#.VpSQsjaofFI> 2012

Freixas, C. (2011). "Biomimicry: Towards a Sustain-Able Design," *Biomimicry in Higher Education*, Biomimicry Institute. <http://biomimicry.org/shop/proceedings-higher-ed-webinar-2011/#.VpSRvDaofFI> 2011

Peer-reviewed Papers and Abstracts:

Freixas, C. and Mark Abbott (2019). "Segregation by Design," in *Sammarco, Cristian, et al. Journal of Contemporary Urban Affairs Vol. 3 No. 2., 2019. Journal of Contemporary Urban Affairs, 2019.* 2019

Freixas, C. and Mark Abbott (2018). "Segregation by Design. A call for Action," in *Madrigal, José Manuel Pagés, et al. Journal of Contemporary Urban Affairs Vol. 2 No. 2, 2018. Journal of Contemporary Urban Affairs, 2018.* 2018

Freixas, C. and Mark Abbott (2017). "Inclusion and Neighborhood Resiliency," in *Journal of Contemporary Urban Affairs, Vol. 1 No. 2, 2017.* Ed. Sadri, Senem Zeybekoglu, et al. *Journal of Contemporary Urban Affairs, 2017.* 2017

Freixas, C. (2016). "The Metamorphic City: A Sustainability Assessment Methods for Post-industrial," *Urban Affairs Association (UAA), Social Justice in the Global City? Contested Views on Social Control, Borders, and Equity*, 46th Annual Conference, San Diego, CA. 2016

Freixas, C. (2015). "Defining Architectural Transdisciplinary Research," *Applied Sciences and Arts Multidisciplinary Research Symposium (ASA)*, Carbondale, IL. 2015

Freixas, C. (2015). "The Metamorphic City: The Search for a Sustainability Assessment Method for Eco-Urbanism Strategies." Organized Panel: Green conversion of vacancy in "legacy cities" moderated by Yuki Kato, *Urban Affairs Association (UAA), 45th Annual Conference*, Miami, FL. 2015

Freixas, C. (2015). "Developing Architectural Transdisciplinary Research," *Fourth Annual Sustainability Conference, Strange Connections: Innovation for Sustainability*, Webster University, Webster Groves, MO. 2015

Freixas, C. (2014). "Eco-urbanism in a Shrinking City: a Quantitative Sustainability Assessment," *Earth Day*, St. Louis, MO. 2014

Freixas, C. (2014). "Unveiling Biomimicry in Architecture Theory and Practice," *Third Annual Sustainability Conference, Critical Conversation of Sustainability*, Webster University, Webster Groves, MO. 2014

Freixas, C. (2013). "Biomimicry: A comprehensive tool for sustainable design," *Second Annual Sustainability Conference, Sustainability: Our Common Future*, Webster University, 2013

Webster Groves, MO.

Freixas, C. (2013). "The Current State of Environmental Sustainability in Architecture," *Second Annual Sustainability Conference, Sustainability: Our Common Future*, Webster University, Webster Groves. 2013

Freixas, C. (2012). "Bioinspired design: when nature inspires sustainability," *Renewable Energy and sustainable living. NATEA 2012 (North America Taiwanese Engineering & Science Association) Green Energy Symposium*, St. Louis Science Center, St. Louis, MO. 2012

Freixas, C. (2010). "Biomimicry: Towards a Sustainable Design," <https://www.acsa-arch.org/adaview.aspx?pageid=573>, ASCA. 2010

Work Cited in Publications by Others:

Hyra, D. (2024). "Slow and Sudden Violence: Why and When Uprisings Occur." Univ of California Press. 2024

Statham, P., & Foner, Nancy (2023). "Re-thinking Assimilation and Integration. Essays in Honour of Richard Alba." Routledge. 2023

Dicks, Henry. (2023) "Biomimetic Epistemology." *Philosophy of Science*, 1–21. <https://doi.org/10.1017/psa.2023.173>. 2023

Ndikumagenge, Gwendoline Albright. (2021) "*Designing Justice*." *Crit.88*: 43-5. ProQuest. 13 Aug. 2024 . 2021

Klarenbeek, L. (2023). Relational integration: from integrating migrants to integrating social relations. *Journal of Ethnic and Migration Studies*, 50(1), 233–256. <https://doi.org/10.1080/1369183X.2023.2259038> 2011

"Biomimicry: Towards a Sustain-Able Design," by Karen Verbeek, *Biomimicry & Industrial Design*, Biomimicry Institute. <http://bioinspired.sinet.ca/content/biomimicry-higher-education-webinar-part-2-karen-verbeek> 2011

"Biomimicry: When architecture imitates life," by David Baugher, *St. Louis Beacon*. https://www.stlbeacon.org/#!/content/16239/biomimicry_when_architecture_imitates_life 2011

Chair Full Prof. Scarone "Building Typologies," School of Architecture, Design and Urbanism, University of Buenos Aires, FADU, 1995. Includes drawings from C. Freixas. 1995

Open Scholarship, Self-published Work from Courses:

Freixas, C. (2024). *AFNA. A Pocketpark in Baden: Community Life. Books and Monographs. 59.* <https://openscholarship.wustl.edu/books/63/> or <https://doi.org/10.7936/crr6-t476> 2024

Freixas, C. (2024). *Segregation by Design [5.0]: A Historical Analysis of the Impact of Planning and Policy in St. Louis. [KingsVille].* <https://openscholarship.wustl.edu/books/62> or <https://doi.org/10.7936/qe2n-jk46> 2024

Freixas, C. (2023). *AFNA. Scott Joplin: Life, Work, and Memory. Books and Monographs. 59.* <https://openscholarship.wustl.edu/books/59/> or <https://doi.org/10.7936/c6h1-zc37> 2023

Freixas, C. (2023). *AFNA "Levering Historic Assets to Improve Communities: The Ville."* *Books and Monographs. 60.* <https://openscholarship.wustl.edu/books/60/> 2023

Freixas, C. and Mark Abbott (2019). *Segregation by Design [4.0]: A Historical Analysis of the Impact of Planning and Policy in St. Louis. Books and Monographs. 50. [Fairgrounds and Kingsway East].* <https://openscholarship.wustl.edu/books/50> 2019

Freixas, C. (2019). *Inclusion and Neighborhood Resilience [STLMO]: Designing for Equity in Post-Industrial Cities. 2016. Books and Monographs. 48.* <https://openscholarship.wustl.edu/books/48> 2019

Freixas, C. and Mark Abbott (2018). *Segregation by Design [3.0]: A Historical Analysis of the*

Impact of Planning and Policy in St. Louis. Books and Monographs. 49. [Covenant Blu Grand Center and Forest Park Southeast]. <https://openscholarship.wustl.edu/books/49> 2018

Freixas, C. and Mark Abbott (2018). *Segregation by Design [2.0]: A Historical Analysis of the Impact of Planning and Policy in St. Louis*. 2016. Books and Monographs. 45. [Dutchtown and Shaw]. <https://openscholarship.wustl.edu/books/45> 2018

Freixas, C. (2017). *School Design for Resilience: Designing Learning Environments for the Future*. 2017. Fall School Design for Resilience. 11. https://openscholarship.wustl.edu/fall2017_freixas/11 2017

Freixas, C. and Mark Abbott. (2017). *Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis*. 2016. 2017. Books and Monographs. 44. [City Center, Florissant;, East St. Louis, IL; Meacham Park, Kirkwood; Tower Groves South, Central West End, West End]. <https://openscholarship.wustl.edu/books/44> 2017

Freixas, C. (2016). *Inclusion and Neighborhood Resilience: Designing for Equity in Metamorphic Cities*. Books and Monographs. 38. <https://openscholarship.wustl.edu/books/38> or <https://doi.org/10.7936/K71C1WBZ> 2016

Freixas, C. (2014). *Metamorphic Cities: Sustainable Strategies for Adaptive Reuse*. 2014 Fall. Freixas Railway Exchange. 11. https://openscholarship.wustl.edu/fall2014_freixas/11 2014

Newspaper articles:

Freixas, Catalina. "Letter to the Editor: SLACO Starts New Initiative with Hickey Elementary School." *The Argus*, 20 Jul. 2024, stlrgusnews.com/tag/community-partnership/. Accessed 20 Jul. 2024. 2024

Work Featured in Newspaper Articles, Radio, and Websites:

"SLACO, Partners Provide Support for Hickey School." *The St. Louis American*, 3 Aug. 2024, www.stlamerican.com/business/slaco-partners-provide-support-for-hickey-school/. Accessed 3 Aug. 2024. 2024

"Segregation by Design." *Creative Exchange Lab*, 16 Jan. 2020, creativeexchangelab.com/segregation-by-design/. Accessed 16 Jan. 2020. 2020

"Segregation by Design." *Creative Exchange Lab*, 15 Mar. 2019, creativeexchangelab.com/segregation-by-design/. Accessed 15 Mar. 2019. 2019

"Moderating STLDW Panel: Designing Creative Spaces." *Once Films*, 26 Oct. 2018, oncefilms.com/blog/2020/5/13/moderating-stldw-panel-designing-creative-spaces. Accessed 6 Oct. 2018. 2018

"Rigorous Design and Socially Engaged Practice Go Hand-in-Hand at Washington University in St. Louis." *Archinect News*, 5 Apr. 2018, archinect.com/news/article/150057928/rigorous-design-and-socially-engaged-practice-go-hand-in-hand-at-washington-university-in-st-louis. Accessed 5 Apr. 2018. 2018

"A New Urban Hospital in St. Louis: Sustainability, Accessibility, Parity." *Saint Louis University, School of Medicine*, 2 Nov. 2017, www.youtube.com/watch?v=rU8yXLUy0NM. Accessed 2 Nov. 2017. 2017

Otten, Liam. "St. Louis, Segregation and How History Shapes the Urban Landscape" *Archinect News*, 24 Mar. 2017, archinect.com/news/article/149999167/st-louis-segregation-and-how-history-shapes-the-urban-landscape. Accessed 24 Mar. 2017. 2017

Hemphill, Evie . "'Segregation By Design' Puts St. Louisans In Conversation With Harris-Stowe, Wash U Scholars." *St. Louis Public Radio, NPR, St. Louis on the Air*, 28 Feb. 2017, www.stlpr.org/show/st-louis-on-the-air/2019-02-26/segregation-by-design-puts-st-louisans-in-conversation-with-harris-stowe-wash-u-scholars. Accessed 28 Feb. 2017. 2017

"Voices and Visions Of St. Louis: Past, Present, Future." Harvard GSD, 7 Apr. 2016, www.youtube.com/watch?v=zvKexVdSRYw. Accessed 7 Apr. 2016. 2016

“New Art Installation Unveiled in Downtown St. Louis.” *Art Saint Louis*, News, 24 Jan. 2016, www.artstlouis.org/index.php/asl-news/575-new-art-installation-unveiled-in-downtown-st-louis Accessed 24 Jan. 2016. 2016

“Segregation by Design.” *The Divided City*, An Urban Humanities Initiative, 2015, thedividedcity.com/segregation-by-design/. Accessed 2015. 2015

Bryant, Tim. “Architecture Students Devise Rehabs of Railway Exchange.” *STL Today*, 11 Dec. 2014, www.stltoday.com/business/local/architecture-students-devise-rehabs-of-railway-exchange/article_6d3882f0-1f99-5f2d-becc-5948d1a54a7c.html. Accessed 11 Dec. 2014. 2014

“Washington University Students to Reveal Ideas for Railway Exchange Building.” *FOX 2 News*, 10 Dec. 2014, fox2now.com/news/washington-university-students-to-reveal-ideas-for-railway-exchange-building/. Accessed 10 Dec. 2014. 2014

Bernthal, Jeff. “Wash U. Students Offer Designs to Transform Railroad Exchange Building.” *FOX 2 News*, 10 Dec. 2014, fox2now.com/news/wash-u-students-offer-designs-to-transform-railroad-exchange-building/. Accessed 10 Dec. 2014. 2014

“Students To Unveil New Plans For Railway Exchange Building.” *St. Louis Public Radio*, NPR, St. Louis on the Air, 3 Dec. 2014, www.stlpr.org/show/st-louis-on-the-air/2014-12-03/students-to-unveil-new-plans-for-railway-exchange-building. Accessed 3 Dec. 2014. 2014

Bryant, Tim. “Architecture Students Working on Railroad Exchange Rehab Plans” *STL Today*, 29 Sept. 2014, www.stltoday.com/news/local/column/architecture-students-working-on-railway-exchange-rehab-plans/article_cd57a065-2886-51fa-8309-20ae1cd8c480.html. Accessed 29 Sept. 2014. 2014

Feldt, Brian. “Washington University Students to Work on Future Plans for Railway Exchange Building.” *St. Louis Business Journal*, 29 Sept. 2014, www.bizjournals.com/stlouis/blog/2014/09/washington-university-students-to-work-on-future.html. Accessed 29 Sept. 2014. 2014

SELECTED PRESENTATIONS

Conferences:

“Reimagining St. Louis,” *St. Louis Association of Community Organizations (SLACO), 27th Annual Regional Neighborhood Conference*, St. Louis, MO. September 9th, 2023. 2023

“Segregation in the Divided City,” *St. Louis Association of Community Organizations (SLACO), 26th Annual Regional Neighborhood Conference*, St. Louis, MO. September 10th, 2022. 2022

“[Un]Segregation by Design: The Case of the Fairground and Kingsway East Neighborhoods.” *Living Two Pandemics: Covid-19 & Racism*, *St. Louis Association of Community Organizations (SLACO), 26th Annual Regional Neighborhood Conference*, St. Louis, MO. September 26th, 2020. 2020

“From Urban Sustainability to Resilience: Embracing System Theory,” in *Developing a Construct of Neighborhood Resilience*, organized panel moderated by C. Freixas, *Environmental Design Research Association, EDRA50Brooklyn*, New York, NY. May 22nd-26th, 2019. 2019

“Designing Creative Spaces,” organized panel moderated by Chris Ryan, *Once Films*, *St. Louis Design Week*, St. Louis, MO. October 25th, 2018. 2018

“Diversity, inequality and Place in the Divided City,” organized panel moderated by Prof. Andrew Diamond, Sorbonne Université, *City|Cite St. Louis, A Transatlantic Exchange*, St. Louis, MO. October 18th-19th, 2018. 2018

“Modelling and Assessing Eco-Urbanism Tactics,” in *Tools to Mitigate Vacancy: What is Working and What Might Wok in St. Louis*, *St. Louis Vacancy Symposium*, St. Louis, MO. October 16th, 2018. 2018

“Segregation by Design: Conversations and Calls for Actions from St. Louis” *Environmental*

Design Research Association, EDRA49: Social Equity by Design. Designing Connections through Community, Oklahoma City, OK. June 6-9th, 2018 2018

"Segregation by Design. A call for Action," *Urban Affairs Association (UAA), 48th Annual Conference, Shaping Justice and Sustainability Within and beyond the City's Edge: Contestation and Collaboration in Urbanizing Regions*. Toronto, ON, Canada. April 4-7th, 2018. 2018

"Resilient Design Studio: Resilient Design in K-12 Facilities." *USGBC, Missouri Gateway Chapter*, Saint Louis Lighting Group, St. Louis, MO. March 6th, 2018. 2018

"Segregation by Design: Historical Analysis of Segregation and Potential Mitigation Strategies" *Environmental Design Research Association, EDRA48: Voices of Places. Empower, Engage, Energize*, Madison, WI. May 31st-June 3rd, 2017. 2017

"Envisioning Equity in East St. Louis. The Case of Emerson Park," *The City That Survives*, The East St. Louis 1917 Centennial Commission & Cultural Initiative. May 2017. 2017

"Inclusion and Neighborhood Resiliency," *Urban Affairs Association (UAA), 47th Annual Conference, Challenging Enduring Urban Injustices: Race, Ethnicity, Space, and Political Economy*. Minneapolis, MN. April 19-22nd, 2017. 2017

"Inclusion and Neighborhood Resiliency," *OneSTL Sustainability Summit*. St. Louis, MO. April 5-6th 2017. 2017

"Reading Locality Urban Spaces, Regions, Borders, Margins" *5th South by Midwest Conference on Latin American Cultural Studies*, Moderator at Session 3 "Urban Imaginary, Political Violence, and the Distant Local (Argentina & Ecuador)." October 21st, 2016. 2016

"Resilience in Communities & by Design," *NetImpact Workshop, Women in Architecture + Design Session B*, St. Louis, MO. September, 2016. 2016

"Developing a Transdisciplinary Research Methodology," *Environmental Design Research Association, EDRA47 Raleigh: Innovation: Shifting Ground*, Raleigh, NC. May 18th-21st, 2016 2016

"The Metamorphic City: A Sustainability Assessment Methods for Post-industrial," *Urban Affairs Association (UAA), Social Justice in the Global City? Contested Views on Social Control, Borders, and Equity*, 46th Annual Conference, San Diego, CA. March 16-19th, 2016. 2016

"Defining Architectural Transdisciplinary Research," *Applied Sciences and Arts Multidisciplinary Research Symposium (ASA)*, Carbondale, IL. November 21st, 2015. 2015

"Beyond Ferguson: Race, Community and Social Justice," *St. Louis Association of Community Organizations (SLACO), 20th Annual Regional Neighborhood Conference*, St. Louis, MO. November 14th, 2015. 2015

"Segregation by Design," *Architecture, Urbanism, and the Humanities: Omnium II*, St. Louis, MO. October 2015. 2015

"Redefining development in Post-industrial Cities," Organized Panel: "Urban Wilds: Vacant Land, Nature, and the Unraveling City," moderated by Prof. Susan Dieterlen, Syracuse University, *Environmental Design Research Association, EDRA46: Los Angeles: brainSTORM. Dynamic Interactions of Environment-Behavior and Neuroscience*, Los Angeles, CA. May 27-30th, 2015. 2015

"The Metamorphic City: The Search for a Sustainability Assessment Method for Eco-Urbanism Strategies," Organized Panel: "Green conversion of vacancy in "legacy cities" moderated by Yuki Kato, *Urban Affairs Association (UAA), 45th Annual Conference*, Miami, FL. April 8-11th, 2015. 2015

"Developing Architectural Transdisciplinary Research," *Fourth Annual Sustainability Conference, Strange Connections: Innovation for Sustainability*, Webster University, Webster Groves, MO. March 27th-28th 2015. 2015

"A Quantitative Sustainability Assessment: Effectiveness of Green-Blue Infrastructure

in a Shrinking City," *12th International conference of Urban History. European Association for Urban History. Cities in Europe. Cities in the world.* New University of Lisbon, Lisbon, Portugal. September 3-7th, 2014. 2014

"Eco-urbanism: Sustainable Strategies for Vacant Land in St. Louis," *Environmental Design Research Association, EDRA45: New Orleans: Building with change*, New Orleans, LA. May 28-31st, 2014. 2014

"Shrinking Cities: A Sustainable Assessment of Eco-urbanism Strategies," *The Mediated City Conference*, Ravensbourne University, London, UK. April 1-4th, 2014. 2014

"Eco-urbanism in a shrinking city: a Quantitative Sustainability Assessment," *Earth Day*, St. Louis, MO. April 27th 2014. 2014

"Unveiling Biomimicry in Architecture Theory And Practice," *Third Annual Sustainability Conference, Critical Conversation of Sustainability*, Webster University, Webster Groves, MO. April 10-11th 2014. 2014

"De Pradera A Pradera: De-crecimiento en Ciudades Americanas," *Perspectivas Urbanas 7. Espacio colectivo, regiones urbanas*, Escuela de Arquitectura de la UE, Universidad Europea de Madrid, Madrid, Espana. November 21st, 2013. 2013

"Biomimicry: A comprehensive tool for sustainable design," *Second Annual Sustainability Conference, Sustainability: Our Common Future*, Webster University, Webster Groves, MO. April 12-13th 2013. 2013

"The Current State of Environmental Sustainability in Architecture," *Second Annual Sustainability Conference, Sustainability: Our Common Future*, Webster University, Webster Groves, MO. April 12-13th, 2013. 2013

"Prairie to Prairie: Ungrowth in American Cities," *From the Outside In: Sustainable Futures for Global Cities and Suburbs*, Hofstra Suburban Sustainability Conference, Hofstra University, Hempstead, NY. November 7-9th, 2012. 2012

"Bioinspired design: when nature inspires sustainability," *Renewable Energy and sustainable living. NATEA 2012 (North America Taiwanese Engineering & Science Association) Green Energy Symposium*, St. Louis Science Center, St. Louis, MO. September 2012. 2012

"Biomimicry: A Biokinetic Approach to sustainable research based design," *First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society*, Webster University, Webster Groves, St. Louis, MO. April 2012. 2012

"The affective domain: sustainability within research in higher education," *First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society*, Webster University, Webster Groves, St. Louis, MO. April 12th 2012. 2012

"Biomimicry in Architecture: A Biokinetic Approach," *Biomimicry in Higher Education, Part I*, Biomimicry Institute. January 2012. 2011

"Biomimicry: Towards a Sustain-Able Design," *Biomimicry in Higher Education, Part I*, Biomimicry Institute. January 2011. 2011

Public Lectures:

The B.E.S.T. Approach. American Planning Association (APA). St. Louis Metro Section Professional Development Committee. St. Louis, MO. March 20th, 2024. 2024

Collaborative Cafe around Racial Equity. Institute for Health and Institute of Clinical & Translational Sciences, Washington University in St. Louis. St. Louis, MO. September 28th, 2023. 2023

Segregation by Design. Five years in the making. Kranzberg Art Center, St. Louis, MO. September 11th, 2022. 2022

The Architecture of Racism and the Black Lives Matter, Texas Tech, Lubbock, TX. August

28th, 2020.	2020
<i>Segregation by Design. Conversations and Call for Action.</i> Coordinated by Alice Layton Director of Education, The Missouri Center L3C. Entrepreneurship & Social Entrepreneurship, UMSL, St. Louis, MO. November 21st, 2019.	2019
<i>Segregation by Design. Conversations and Call for Action.</i> Central Library, St. Louis Public Library, St. Louis, MO. November 7th, 2019.	2019
<i>Segregation by Design. Conversations and Call for Action.</i> Kemp Auditorium, Givens Hall, Washington University in St. Louis, St. Louis, MO. April 11th, 2019.	2019
<i>Segregation by Design. Conversations and Call for Action.</i> Saint Louis University, St. Louis, MO. April 4th, 2019.	2019
<i>Segregation by Design. Conversations and Call for Action.</i> Institute for Social Justice, Harris-Stowe State University, St. Louis, MO. March 28th, 2019.	2019
"Facing Segregation," <i>City Seminar, Spring 2019</i> , Goldberg Formal Lounge, Danforth University Center, St. Louis, MO. March 20th, 2019.	2019
"Segregation by Design' puts St. Louisans in conversations with Harris-Stowe, WashU Scholars," <i>St. Louis in the Air</i> , St. Louis Public Radio, St. Louis, MO. February 26th, 2019.	2019
<i>Segregation by Design. Conversations and Call for Action.</i> Kranzberg Art Center, St. Louis, MO. February 4th, 2019.	2019
"Segregation by Design. A Call for Action," [De]-segregation by Design in the Divided City, Kranzberg Art Foundation Zack. St. Louis, MO. May 11th, 2018.	2018
"Resilient Design Studio: Resilient Design in K-12 Facilities," USGBC, Missouri Gateway Chapter, Saint Louis Lighting Group, St. Louis, MO. March 6th, 2018.	2018
<i>Segregation by Design. Conversations and Call for Action.</i> New City School, open to all students, St. Louis, MO. February 21st and 22nd 2018.	2018
<i>Segregation by Design. Conversations and Call for Action.</i> New City School, St. Louis, MO. January 17th, 2018.	2018
"Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis." #1 in <i>Civil Rights: The African American Freedom Struggle in St. Louis</i> , Missouri History Museum, St. Louis, MO. November 29th, 2017.	2017
"A New Urban Hospital in St. Louis: Sustainability, Accessibility, Parity." A Discussion with Catalina Freixas and Harold Braswell, PhD. Bander Center of Medical Business Ethics, Saint Louis University. November 2nd, 2017.	2017
"Inclusion & Neighborhood Resilience." <i>St. Louis Metropolitan Research Exchange Writers Club</i> , St. Louis, MO. May 2017.	2017
"Gentrification: the good, the bad, the ugly," 11th Annual <i>Fair Housing Workshop</i> , <i>Civil Rights Enforcement Agency (CREA)</i> . St. Louis, MO. April 26th, 2017.	2017
"Segregation by Design: Central West End." <i>Stevens Middle Community Education</i> , 1033 Whittier, St. Louis, MO. March 2017	2017
"Segregation by Design: Tower Groves South." <i>Oak Hill Presbyterian Church</i> , 4111 Connecticut, St. Louis, MO. March 2017	2017
"Segregation by Design." <i>St. Louis Association of Community Organizations (SLACO)</i> , 5888 Plymouth Avenue, St. Louis, MO. March 2017	2017
"What is the Ultimate Goal: Equity, Inclusion, or Integration?" Panel discussion, <i>St. Louis Association of Community Organizations (SLACO)</i> , 21st Annual <i>Regional Neighborhood Conference</i> , closing panel. St. Louis, MO. October 29th, 2016.	2016
"Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St.	

Louis, " *Voices and Visions of St. Louis: Past, Present, Future*, Harvard Graduate School of Design (GSD), Cambridge, MA. March 30th - April 1st, 2016. 2016

"The Metamorphic City: Eco-urbanism and Quality of Life in Post-industrial Cities," *City Seminar, Fall 2015*, St. Louis, MO. October 2015.

"Students To Unveil New Plans For Railway Exchange Building," *St. Louis in the Air*, St. Louis Public Radio. December 2014. 2015

"Sustainable Environments: Practice to Theory," Dartmouth College, Hanover, HN. April 2013. 2014

"Sustainable Environments: Practice to Theory," Lawrence Technical University, Detroit, MI. April 2013. 2013

"Biokinetic in Architecture," *Creative Exchange Lab (CEL)*, St. Louis, MO. October 2012. 2013

"Biomimicry: A Biokinetic Approach to sustainable research based design," *Creative Exchange Lab (CEL)*, St. Louis, MO. October 2012. 2012

"Biomimicry: A Biokinetic Approach to sustainable research based design," *Creative Exchange Lab (CEL)*, St. Louis, MO. July 2012. 2012

"Biomimicry: A Biokinetic approach for Sustain-Able Design," Missouri University of Science and Technology, Rolla, MO. March 2012. 2012

"Sustainability v. Biomimicry," *Ethical Society*, St. Charles, MO. November 2011. 2012

"Stewardship for a Sustainable Future," *Lee Institute, Lecture Series*, St. Louis, MO. May 2011. 2011

"Sustainable Design Thinking," Covenant Theological Seminary, St. Louis, MO. April 2009. 2011

Internal Presentations:

Washington University in St. Louis: 2009

"Segregation by Design: Conversations and Calls for Actions from St. Louis." Summer City Seminar: A Compendium of the Divided City, 2014-2018, St. Louis, MO. May 11th, 2018

"Who Design Fails. Urban Inequity in St. Louis." Skandalaris Center. March 23rd, 2018. 2018

"Metamorphic Cities: A Computational Approach to Sustainability." *Brauer Hall*, room 112, Washington University in St. Louis, St. Louis, MO. April 2017 2018

"Prairie to Praire. Ungrowth in American Cities." *I-CARES Year End Presentation*, Washington University in St. Louis, St. Louis, MO, April 2014. 2017

Sam Fox School of Design & Visual Arts: 2014

"Biomimicry. A Biokinetic Approach toward Sustainable Design." *Presentation for ARCH 317. Prof. Bruce Lindsey*, SFS, St. Louis, MO. October 17th, 2023.

"Metamorphic Cities." *Faculty Research Lunch*, SFS, St. Louis, MO. September 13th, 2023. 2023

"Metamorphic Cities." *Research Happy Hour*, SFS, St. Louis, MO. October 24th, 2017. 2023

"The Metamorphic City: Eco-urbanism and Quality of Life in Post-industrial Cities." *European/Contemporary/Urban Public Spaces*, Senior Lecturer Elena Canovas. Washington University in St. Louis, St. Louis, MO. November 2015. 2017

"The Metamorphic City: Eco-urbanism and Quality of Life in Post-industrial Cities." *Theories & Methods of Historical Research*, Prof. Eric Mumford, Washington University in St. Louis, St. Louis. MO. October 2015. 2015

"Eco-urbanism in a shrinking city: Sustainable Strategies for Vacant Land in St. Louis." *Urbanism since 1850*, Prof. Eric Mumford, Washington University in St. Louis, St. Louis, MO. June 2014. 2015

“Eco-urbanism in a shrinking city: A Sustainable Assessment of Eco-urbanism Strategies.” <i>Urbanism since 1850</i> , Prof. Eric Mumford, Washington University in St. Louis, St. Louis, MO. April 2014.	2014
“Biomimicry vs. Biology Inspired Design (BD).” <i>Design Thinking for Science, Engineering, Business & the Liberal Arts</i> , Dean Bruce Lindsey, Washington University in St. Louis, St. Louis, MO. October 2012.	2012
“Sustainability vs. Biomimicry.” <i>Design Thinking for Science, Engineering, Business & the Liberal Arts</i> , Dean Bruce Lindsey., Washington University in St. Louis, St. Louis, MO, October 2011.	2011
“2D Representation.” <i>419 Architectural Design III, Urban Housing in St. Louis</i> . Washington University in St. Louis, St. Louis, MO, September 2011.	2011
“The State of Environmental Education.” Faculty colloquia, Sam Fox School of Design & Visual Arts, Washington University on St. Louis, St. Louis, MO, October 2008.	2011
	2011
E X H I B I T I O N S	
“A Pocketpark in Baden: Community Life.” Baden Library, 8448 Church Road, St. Louis, MO, curator. August 24th, 2024.	
“Scott Joplin: Life, Work, and Memory.” Scott Joplin Estate, 2658 Delmar Blvd., St. Louis, MO 63103, curator. October 6, 2023.	2024
“Reclaiming Historic Assets to Transform Communities: The Ville.” Sumner High School, 4248 Cottage Ave, St. Louis, MO 63113, curator. July - September 2023.	2023
“Scott Joplin: Life, Work, and Memory.” Scott Joplin House, 2658 Delmar Blvd., St. Louis, MO 63103, curator. June 2023 - Permanent Exhibition.	2023
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Kranzberg Art Gallery</i> , MO, curator. January 18 - February 1 2020.	2023
“Inclusion & Neighborhood Resilience [v. 2.0],” Fox Park in collaboration with DeSales Community Corporation, St. Louis, MO, curator. May 2019.	2020
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Kranzberg Art Gallery</i> , MO, curator. March 22 - April 13 2019.	2019
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>The Eagan Center</i> , Florissant, MO, curator. May - June 2018.	2019
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Zack</i> , St. Louis, MO, curator. May 2018.	2018
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” As part of the #1 in <i>Civil Rights: The African American Freedom Struggle in St. Louis Exhibition</i> , Missouri History Museum, St. Louis, MO, curator. March - April 2018.	2018
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>New City School</i> , St. Louis, MO, curator. January - February 2018.	2018
“School Design for Resilience.” <i>Center for Creative Learning (CCL)</i> , Ellisville, St. Louis, MO, curator. December 2017.	2018
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Central Library, St. Louis Public Library</i> , St. Louis, MO, curator. November-January 2018.	2017
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” As part of the #1 in <i>Civil Rights: The African American Freedom Struggle in St. Louis Exhibition</i> , Missouri History Museum, St. Louis, MO, curator. June 2017.	2017
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.”	2017

<i>East West Gateway (EWG)</i> , St. Louis, MO, curator. April - June 2017.	
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Givens Hall, Washington University in St. Louis</i> , St. Louis, MO, curator. April 2107.	2017
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Creative Exchange Lab (CEL)</i> , St. Louis, MO, curator. March 2107.	2017
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Harris-Stowe State University (HSSU)</i> , St. Louis, MO, curator. January - February 2017.	2017
“Segregation by Design: A Historical Analysis of the Impact of Planning and Policy in St. Louis.” <i>Olin Library</i> , Washington University in St. Louis, St. Louis, MO, curator. December 2016 - January 2017.	2017
“Segregation by Design: Conversations for Action and Essays” “City Walk... Street Talk,” <i>Olin Library</i> , Washington University in St. Louis, St. Louis, MO, curator. December 2016 - January 2017.	2016
“Inclusion & Neighborhood Resilience,” International Institute St. Louis, St. Louis, MO, curator. December 2016.	2016
“Biokinetics in Architecture,” <i>Creative Exchange Lab (CEL)</i> , St. Louis, MO, October 2012.	2016
“Designing Sustainable Environments,” <i>Creative Exchange Lab (CEL)</i> , St. Louis, MO, September 2012.	
“Designing Sustainable Environments,” Student work exhibition, <i>Givens Hall</i> , Washington University in St. Louis, St. Louis, MO, curator. August 2012.	2012
“Biomimicry in Architecture. A biokinetic approach,” Student work exhibition, <i>Givens Hall</i> , Washington University in St. Louis, St. Louis, MO, curator. March 2012.	2012
“Architecture Representation I,” Student work exhibition, <i>Givens Hall</i> , Washington University in St. Louis, St. Louis, MO, curator. November 2010-2012.	2012
	2010 - 2012

P O S T E R P R E S E N T A T I O N S

“Biomimicry: A Biokinetic Approach to sustainable research based design,” <i>First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society</i> , Webster University, Webster Groves, St. Louis, MO.	2012
“The affective domain: sustainability within research in higher education,” <i>First Annual Sustainability Conference, State of Sustainability in Higher Education and Our Role in Society</i> , Webster University, Webster Groves, St. Louis, MO.	2012

P E E R R E V I E W E R

<i>Journal of Contemporary Urban Affairs</i> . Editorial Board.	
<i>Journal of Urban Affairs (JUA)</i> . Reviewer.	
<i>Smart and Sustainable Built Environment (SASBE)</i> . Reviewer.	2017 - current
<i>Environmental Design Research Association (EDRA)</i> . Reviewer.	2017 - current

T E N U R E C A S E R E V I E W E D

<i>Florida International University</i> . Reviewer. Declined.	2015 - current
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W O R K R E V I E W E D

<i>Journal of Architectural Education</i> . ID JOAE-02-22-S-0064. "Towards a Biomimetic Epistemology	5/2022
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for a Climate in Crisis." Manuscript Reviewer.

Alread, Jason and Thomas Leslie, and Rob Whitehead (2014). *Design-Tech: Building Science for Architects*. NY: Rutledge. Manuscript Reviewer. 3/2022

Architectural Frameworks: Design/Theory/History, Laurence King Publishing Ltd, Manuscript Reviewer. 7/2019

Journal of Urban Affairs. ID JUA-18-2002. "Social Inclusion: The design and practice of social inclusion in mixed-income communities." Manuscript Reviewer. 6/2019

Hack, Gary. (2018). *Site Planning: International Practice*. Cambridge, MA: The MIT Press. Book Reviewer. 6/2019

McLean, William et al. (2014). *Introduction to Architectural Technology, 2e*. London, UK: Laurence King Publishing Ltd. Manuscript Reviewer. 11/2018

Journal of Urban Affairs. JUA-18-2002. "Social Inclusion: The design and practice of social inclusion in mixed-income communities." Manuscript Reviewer. 12/2018

Smart and Sustainable Built Environment Journal. ID SASBE-01-2017-0004. "Application of Social Space as a Tool for Physical Planning: Case Study of Mymensingh Town." Manuscript Reviewer. 7/2018

Environmental Design Research Association, *EDRA48: Voices of Places. Empower, Engage, Energize*, Madison, WI. Conference Abstracts. Reviewed 4 Abstracts. 3/2017

Urban Affairs Association (UAA), 47th Annual Conference, *Challenging Enduring Urban Injustices: Race, Ethnicity, Space, and Political Economy*, Minneapolis, MN. Conference Abstracts. Reviewed 6 Abstracts. 1/2017

Environmental Design Research Association, *EDRA47 Raleigh: Innovation: Shifting Ground*, NC. Conference Abstracts. Reviewed 7 Abstracts. 1/2017

Smart and Sustainable Built Environment Journal. ID SASBE-05-2014-0033.R4, "Morocco in the era of eco-urbanism: building a critical and operational research on an emerging practice in Africa." Manuscript Reviewer. 2/2016

Art in the Heat, Art St. Louis. Region-wide competitions for sculpturally inspired, immersive art installations in an interior spaces downtown. Competition Juror. 12/2015

Biomimicry Design Challenge Toolkit, Biomimicry Institute. Advisor in the development of Biomimicry Visuals. 8/2015

Journal of Mechanical Design. ID MD-14-1084. "Effects of Abstraction on Selecting Relevant Biological Phenomena for Biomimetic Design." Manuscript Reviewer. 11/2014

Biomimicry Student Design Challenge, Biomimicry Institute, Advisor TBI Design Challenge. Focus groups. 8/2014

Biomimicry Visuals, Biomimicry Institute. Advisor.

The Mediated City, *Architecture MPS*; Woodbury University, Los Angeles. Reviewed 2 Abstracts. 8/2014

Biomimicry 3.8 Student Design Challenges, Biomimicry Institute. Competition Juror. 6/2014

EDRA45: New Orleans: Building with Change, New Orleans, LA. Conference Abstracts. Reviewed 6 Abstracts. 6/2014

ASME Journal of Mechanical Design. Shu L.H. "Effects of Abstraction on Selecting Relevant Biological Phenomena for Biomimetic Design." Manuscript Reviewer. 5/2014

Harman, Jay (2013). *The Shark's Paintbrush: Biomimicry and how nature is inspiring innovation*. Book Reviewer for Zygote Magazine. 12/2013

3/2013

3/2013

A C A D E M I C R E V I E W E R

Final Review ARCH 3602 Food, Architecture and Climate: Pavilion, urban plaza and market in Seville, Spain, Coordinator Elisandra Garcia Texas Tech, Lubbock, Texas.

Final Review ARCH 3602 Mediascape: Mediateque in Historic Downtown Lubbock, Coordinator SP 2020

P R A C T I C E

P R O F E S S I O N A L H O N O R S A N D A W A R D S

- “HUB: Hybrid Urban Landscapes”, Sustainable Land Lab Competition, St. Louis, MO, status: Finalist. 2012
- Sacred Space, Episcopal Conference, Buenos Aires, Argentina. Mention. 1996
- Expo Design, Architecture III, Chair Prof. Scarone, University of Buenos Aires, School of Architecture, Design and Urbanism. Buenos Aires, Argentina. Mention. 1995

P R O F E S S I O N A L E X P E R I E N C E

laulab, St. Louis, MO.

2000 - current

Partner and Design Architect.

- K's Theatrical Korps, KTK Productions, status: Schematic Design.
- HUB: Hybrid Urban Landscapes, Sustainable Land Lab Competition, St. Louis, MO, Finalist, status: Built.
- Architecture in the photosynthetic, agriculture and food strategy for the XXI Century, Buenos Aires Argentina, Community based project, status: Under development.
- Asplund Library, Competition.
- Barrio Privado, El Chalten, Santa Cruz, Argentina, status: Schematic Design.
- Boston Center for the Arts, Competition.
- Cabanas Nevi, El Calafate, Santa Cruz, Argentina, status: Schematic Design.
- Exhibition Panels, Steinberg Auditorium, Washington University in St. Louis, St. Louis, MO, status: Built.
- funCIO bed, Schematic Design, status: Built.
- La Cabana, General Pinto, Buenos Aires, Argentina, status: Schematic Design.
- La Constancia, Buenos Aires, Argentina, status: Schematic Design.
- Landscape Proposal for Anthony's Medical Center, St Louis, MO, competition in collaboration with Das: 20 Architecture.
- Prairie to Prairie, Pruitt-Igoe Ideas Competition, St. Louis, MO, competition.
- Saybolt Argentina Headquarters, Buenos Aires, Argentina, status: Built.
- Sustainable Land Lab Competition, St. Louis, MO, Finalist, status: Built.
- Chicago Medical Center, University of Chicago, Façade studies for Parking Garage, Chicago, IL, status: Schematic Design.
- Tie, Competition.

Forum Studio, St. Louis, MO.

12/2005 - 3/2009

Senior Associate Architect, Project Designer.

- BBC, St. Louis, MO, status: Schematic Design.
- Clark Shoes, St. Louis, MO, status: Schematic Design.
- Chevron Headquarters, Covington, LA, status: Built.
- Creve Coeur Tower, Creve Coeur, MO, status: Schematic Design.
- Ely Walker, St. Louis, MO, status: Schematic Design.
- Arkansas Research and Technology Park, AK, status: Schematic Design.
- Express Scripts Operation Center, St. Louis, MO, status: Schematic Design.
- Gateway Village, St. Louis, MO, status: Schematic Design.
- Grand Center Housing, St. Louis, MO, status: Schematic Design.
- Hannibal MOB, Hannibal, MO, status: Built.
- Infinity and Beyond, North Park, St. Louis, MO, status: Schematic Design.
- Intoximeter, St. Louis, MO, status: Schematic Design.
- KRK Island, Croatia, status: Schematic Design.
- Mississippi River Festival Master Plan, IL, status: Schematic Design.
- Mississippi River Festival Auditorium, IL, status: Schematic Design.
- North Park Corporate Center, St. Louis, MO, status: Schematic Design.
- Ogden Data Center, St. Louis, MO, status: Schematic Design.
- Phillips View Tower, FL, status: Schematic Design.
- Project Saturn, St. Louis, MO, status: Built.
- Rosebud Ranch, CO, status: Built.
- Ryerson, MO, status: Schematic Design.

San Francisco MOB, CA, status: Schematic Design.
Simmons Cooper Office Building, IL, status: Schematic Design.
The Preserve Master Plan, AL, status: Schematic Design.
The Preserve Condominiums, AL, status: Schematic Design.
Trianon, St. Louis, MO, status: Schematic Design.
UCSF, CA, status: Schematic Design.
Willits Town, Basalt CO, status: Schematic Design.

Luchini AD, St. Louis, MO. 01/2004 - 01/2010

Associate Designer, collaboration as part of the Design Team.

Amonte Residence, St. Louis, MO, status: Schematic Design.
Competition for the Master Plan for residential development in Wuhan, China, status: Schematic Design.
Competition Council Tower, St. Louis, MO, status: Schematic Design.
Stone Residence, St. Louis, MO, status: Design Development.
Sunshine Memory, Master Plan for residential development in Dalian, China, status: Schematic Design.

Raimist Architecture, Inc., St. Louis, MO. 10/2004 - 12/2005

Associate Architect, Project Designer.

Allard Residence, St. Louis MO, status: constructed (in collaboration with Luchini AD).
Daney Residence, St. Louis, MO, status: Construction Documents.
Clifton Terrace, Godfrey, IL, status: Built.
Fedder Residence, St. Louis, MO, status: Schematic Design.
Jones Residence, St. Louis, MO, status: Design Development.
Scego Residence, Washington, MO, status: Schematic Design.
Van Doren Residence, St. Louis, MO, status: Built.

Baez, Carena, Grementieri Architects (Architectural Firm), Buenos Aires, Argentina. 06/2001 - 07/2002

Senior Associate Architect.

Alvear Palace Hotel, Buenos Aires, Argentina.
Archivo del Ejercito (ex Casa de la Moneda), Buenos Aires, Argentina.
USA Embassy, Buenos Aires, Argentina.

Balzola & Asoc. (Architectural Firm), Buenos Aires, Argentina. 12/2001 - 01/2002

Architect, collaboration as part of the Design Team.

Del Parque Shopping Center, Cinema addition. Buenos Aires, Argentina.

AMB Contrucciones S.A. (Design | Build Company), Buenos Aires, Argentina. 06/2001 - 12/2001

Architect, collaboration.

Stand Turismo Joven, Buenos Aires, Argentina.

Phonex-Isocor S.A. (Design | Build Company), Buenos Aires, Argentina. 08/1999 - 06/2001

Associate Architect.

Abasto Tower, Buenos Aires, Argentina.
Aeropuerto Ezeiza, Buenos Aires, Argentina.
Aeroparque Jorge Newbury, Buenos Aires, Argentina.
La Nacion, Buenos Aires, Argentina.

OOPS! (Documentation, Rendering and Plotting Service), Buenos Aires, Argentina. 02/1997 - 08/2000

Intern Designer.