

EDUCATION **Master of Science in Architectural Studies, Building Technology, 2017**
Massachusetts Institute Of Technology (MIT)

MIT Department of Architecture Graduate Fellowship, 2015 - 2017
Kaufman Teaching Certificate (KTCP), MIT Teaching and Learning Lab, 2016
With coursework at Sloan School of Management MIT Media Lab and Harvard GSD
Thesis: Biologically-Inspired, High-Performance Envelope Design in Tropical Climates

Bachelor of Architecture, Bachelor of Fine Arts, 2009
Rhode Island School Of Design (RISD)

Thesis: Of a City in Motion (Houston Highway Park)

Eidgenössische Technische Hochschule (ETH), Zürich, Switzerland
Guest Student, Fall Semester, Josep Lluís Mateo, 2007

**TEACHING
EXPERIENCE**

Tulane University

Visiting Assistant Professor - Fall 2018 - current
ARCH 3031, Design Studio - Affordable Housing
ARCH 1012, Design Studio - First-Year Studio (upcoming)
ARCH 3030/61340 - Required seminar - Buildings, Climate & Comfort (upcoming)
ARCH 4932/6932 - Interdisciplinary elective Seminar - Build Test Iterate Repeat
www.buildtestbuildtest.com

Graduate Research Fellowship, Research Lead - Development of a New Metering Toolkit
Administrative: Lectures, Exhibits and Events Committee

Adjunct Lecturer - Spring, Summer 2018
ATCS 3030/6130, Buildings, Climate & Comfort (co-taught with Z Smith)
SRED 6110, Introduction to Sustainability for Real Estate Development (Graduate)

Texas Tech University (Houston Program)

Guest Faculty - Fall 2014
Practicum - Design Studio

Rhode Island School of Design

Energy & Design Consultant - Fall 2012
Design Studio - Light, Ambient Energy, and Inflection Points (taught by Laura Briggs)

ACE Mentoring

Lead Mentor (Houston 2014-2015, New Orleans 2018-2019)
Mentor (Houston 2013-14, New Orleans 2017-18)

Boston Architectural College

Studio Leader
Summer Academy, 2008, 2009

VISITING CRITIC

Tulane, MIT, RISD, Louisiana State University, University of Houston, Texas Tech University, Prairie View A&M University

**PROFESSIONAL
EXPERIENCE**

ESKEW+DUMEZ+RIPPLE (EDR) New Orleans, LA
research fellow, building facades, 2017 - 2018

As the research fellow at the 2014 AIA Firm of the Year, my research explored how to make affordable, high performance building envelopes in hot-humid climates. Seated in an active and growing design firm, my work helped to inspire active projects as well as future work.

DESIGN FOR CLIMATE AND COMFORT LAB
SINGAPORE UNIVERSITY OF TECHNOLOGY & DESIGN (SUTD) Singapore & Boston, MA
research associate, tropical facade performance, 2016 - 2017

Working both in Singapore and remotely from Boston, the research sought to better understand common facade elements in tropical climates. Analyzed common building components in Singapore through daylight, thermal, energy and CFD analysis. Our paper, titled "Analysis of Architectural Facade Elements in Tropical Climates for Daylight, Thermal Comfort and Passive Climatization" was published and presented at Building Simulation 2017 (IBPSA).

HELLMUTH OBATA & KASSABAUM (HOK) Houston, TX
project designer, 2012 - 2015

Specialized in sustainable commercial architecture. Was the lead designer and primary point of contact for a LEED Gold Childcare Center as well as the Imperial Market retail center, an adaptive reuse project in Sugar Land, TX. Provided design assistance on a LEED Platinum corporate campus, a 50-story LEED Platinum tower in Downtown Houston, and a desalination plant in Saudi Arabia. Led ARE training, monthly Design Studio meetings, managed the model shop, and helped kick off a region-wide peer mentoring program.

HABITAT FOR HUMANITY Boston, MA
environmental consultant, 2011 - 2012

Worked to complete LEED documentation for a recently completed residence in Needham, MA. Also offered guidance on optimizing future building envelopes at affordable costs.

BRIGGSKNOWLES A+D Cambridge, MA
associate designer, 2011 - 2012

Provided design development and documentation assistance for New York/Providence - based, Passive House design firm. Was responsible for drawings, energy modeling, project coordination and material research.

SkB ARCHITECTS Seattle, WA
designer, architecture and interiors, 2010 - 2011
design intern, architecture and interiors, summer 2007

Provided design assistance, material research, and documentation for projects. Additionally, led ARE study sessions and coordinated firm-wide presentations to introduce green building products and technologies.

NEEDBASED INC Santa Fe, NM
associate designer, 2009 - 2010

Designed for noted Passive House builder and participated in the first certified Passive House Mixed-Use building in New Mexico. Was responsible for concept design, thermal analysis, documentation, and client/contractor coordination on various small-scale projects.

PROFESSIONAL REGISTRATIONS

Registered Architect, TX (RA)
Certified Passive House Consultant (CPHC)
LEED Accredited Professional (LEED AP)

PUBLICATIONS & COMPETITIONS

Analysis of Passive Shading and Dehumidification Systems

A.L. Sandoval Aguilar, M. Barrett, C. Parra Paulino, **E. McCormick**
Conference Presentation, AIA Bottom-Up Social Change: Materials | Building | Community, Las Vegas, 2019 [abstract submitted]

'The Ecotone' Metals in Construction Magazine, Next Generation Facade Design Competition, Grand Prize Winner 2018

Project Team: **E. McCormick**, C. Rodriguez, T. Gibbons, M. Johnson, M. Thorburn (EDR)

Analysis Of Architectural Façade Elements In Tropical Climates For Daylight, Thermal Comfort And Passive Climatization

E. McCormick, J.A. Jakubiec, M. Budig
Conference Proceedings, International Building Performance Simulation Association (IBPSA) San Francisco, 2017

LECTURES & EVENTS

Panelist, Solemma Symposium, New York City, 2018

Using the Simulation Game as a Learning Tool

Juror, Downtown NOLA Energy Challenge, 2018, 2019

City of New Orleans Office of Resilience and Sustainability

RECOGNITION

MIT Marvin E. Goody Award for Promise of Thesis, 2016
MIT Bill Mitchell ++ Award, 2016
NESEA Kate Goldstein Award for Emerging Professionals in Sustainability, 2015
RISD Department of Architecture, Alumni Travel Grant Finalist, 2009
RISD Office of Student Life, Distinguished Dedication Award, 2009

ASSOCIATIONS

Northeast Sustainable Energy Association (NESEA), 2015 - current
National Passive House Alliance (PHA), 2012 - current
Passive House Houston, Vice-President, Founding Member, 2012 - 2015
American Institute of Architects (AIA), 2012 - 2016
AIA Committee on the Environment (COTE), 2012 - 2016
AIA Gulf Coast Green Planning Committee, speaker co-chair, 2015
Rice Design Alliance (RDA), 2014 - 2015
Passive House New England, Symposium Chair, 2012

COMMUNITY

EDR Tennis Team, 2018 - current
MIT Graduate Student Council, Sustainability Subcommittee, 2015 - 2017
Fossil-Free MIT, 2016 - 2017
MIT Women's Undergraduate and Graduate Mentorship Program, 2015 - 2016
Texas Society of Architects, Emerging Professionals Mentor Program, 2013 - 2015
Felines and Friends, Santa Fe, NM, 2009 - 2010
Friends of Homeless Animals, Providence, RI, 2008-2009
RISD Student Alliance (Student Government), 2006 - 2009
RISD Second-Life Recycling, Providence, RI, 2008-2009

**Eskew+Dumez
+Ripple (EDR)**
research fellow

The Ecotone Grand Prize Winner, 2018
Metals in Construction Magazine, Next Generation Facade Design Competition
Brooklyn, NY 230,500 GSF

Charlottesville Technology Center (LEED Platinum) in design
Charlottesville, VA 215,000 GSF

Georgia Tech Dalney Office Building & Parking Deck (WELL, ASHRAE 189.1) in design
Atlanta, GA 55,000 GSF (office)

**HELLMUTH OBATA &
KASSABAUM (HOK)**
project designer

DOW Desalination Research Lab, KAUST under construction
Thuwal, Saudi Arabia 140,000 GSF

Imperial Market, Mixed-Use Development pending funding
Sugar Land, TX 500,000 GSF

Skanska Phase II Office Tower (LEED Platinum) 2016
Houston, TX 380,000 GSF

HPP Chevron Office Tower (LEED Platinum) unbuilt
Houston, TX 1.7m GSF

Shell Child Development Center (LEED Silver) 2014
Houston, TX 25,000 SF

**LIZMCCORMICK
ARCH. & DESIGN**
architect/owner

Cocoon House (Passive House) unbuilt
Pearland, TX 3,500 SF

Somerset Residence (Passive House) unbuilt
Fairfield, CT 2,500 SF

**BRIGGSKNOWLES
A+D (BKAD)**
designer

Porter/Lindberg Residence (Passive House) unbuilt
Ancramdale, NY 3,000 SF

Lewis Historic Renovation 2012
Stockbridge, MA 1,000 SF

Bueno Residence (Passive House) 2014
Saugerties, NY 2,400 SF

SkB ARCHITECTS
designer

Pensar Design Studio (interior) 2011
Seattle, WA 7,200 SF

Microsoft Portland (interior) 2010
Portland, OR 8,000 SF

NEEDBASED INC
designer

Balance Mixed-Use (Passive House) 2010
Santa Fe, NM 2,400 SF

Judge/Gulley Residence 2009
Santa Fe, NM 1,800 SF