

Kristen Gandy

P: 704.307.1919

E: kgandy.design@gmail.com

W: www.kgandyarchitecture.com

A: 916 Madison St, # 4b Brooklyn, NY 11221

Extensive CV

Education

University of Michigan – Taubman College of Architecture and Planning

M. Arch

2014-2016

Thesis: PUSHPOKEPUNCH : The fluidity of concrete and boundaries

Honors: Awarded as a Taubman Scholars recipient, selected as

Taubman Scholars yearly awards speaker in 2016, selected as

Taubman Venice Fellow in 2016

University of New Mexico – School of Architecture and Planning

B.A. Arch

2011-2014

Honors: Dean's List – Fall Semester 2011, Spring Semester 2012, Fall

Semester 2012, Spring Semester 2013, Fall Semester 2013, Spring

Semester 2014, Graduated with Honors May 2014

Awards

Taubman Scholars Award

University of Michigan Taubman College

2014 – 2016

Taubman Venice Fellows

University of Michigan Taubman College

2016

Academic Excellence Scholarship

University of New Mexico School of Architecture and Planning

2011-2014

Architecture + Design Experience

Research Through Making – Ann Arbor, MI

Taubman College Research Grant Project Assistant

March 2017 – March 2017

Worked in a visiting position with the research team for production of the exhibition and design support of the mold and concrete casting process for the project “Thermo Plastic Concrete Casting” in Ann Arbor Michigan.

T+E+A+M – Ragdale Theater Submission – Ann Arbor, MI

Project Lead

February 2017 – March 2017

Invited in a visiting capacity to work the T+E+A+M Architects on their submission for the Ragdale Theater 2017, which has since won the first place and will be realized Summer 2017. My role included collaborative design with the 4 principals, organizing workflow across several deliverables with assisting design team, production of the supporting submission information including: digital animation, Rhino 3D model, Vray and Rhino Rendering, Photoshop editing, layout production in InDesign, and the final submission to the Ragdale Foundation.

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Experience

The Architectural Imagination – Detroit, MI

Exhibition Special Projects Lead

January 2017

After being responsible for the exhibition in Venice Italy twice, I was recognized among my peer Taubman Fellows as an expert and asked to assist in the exhibition movement and re-installation from Venice Italy to Detroit Michigan. My roles included: overseeing exhibition model maintenance and re-packing from Venice to Detroit, providing detailed instructions to the art curators at MOCAD for re-installation in accordance with the curators decisions, physical model re-assembly for the architectural projects in the exhibition.

NHDM Architects – New York, NY

Intern Architect

November 2016 – November 2016

Created a design scheme of a large scale museum project for initial client presentation. Produced digital models with consideration to pre-determined constraints for accuracy of representation to the client of the design possibilities on their site. Delivered schematic diagrams of spatial use, design scheme representation, renderings, rhino models, physical models, and initial report preparation.

The Architectural Imagination – Venice, Italy

Taubman Venice Biennale Fellow

May 2016 – June 2016, November 2016

Selected as a fellow to travel to Venice Italy for on site production of the 2016 US Pavilion at the Venice Biennale. Produced a featured blog for Archinect. Un-crated and documented 49 crates of project material in 3 days' time. Worked with curators and fellow team members to install all 12 projects in the pavilion as designated in design drawings.

T+E+A+M – Venice Biennale Submission – Ann Arbor, MI

Project Assistant

January 2016 – March 2016

Collaborated at design meetings with project leads, produced the supporting Rhino model of the 6 block site, developed the Rhino model for the design as developed by the T+E+A+M, combined rhino and Maya models for final production, produced Maya renderings for final production, created workflow for Photoshop development of final renderings with project leads, produced final sections for submission. Worked on three perspective renderings with the other drawing teams, edited final perspectives in Photoshop workflow. Scanned physical models into photogrammetry objects for rendering in Maya.

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Research Through Making – Ann Arbor, MI

Project Team Member

November 2015 – March 2016

Selected to work with Jon Rule and Ana Morcillo Pallares on their RTM grant, Panots and Mosaics. Worked on developing the method of making, made prototype molds for casting concrete, cast tests of concrete panels, developed rhino models for support of development when needed, built robotic concrete panel mold with project team and leads, developed final display with project leads, fabricated final display using cnc milling, cast tiles for final display, produced drawings using Rhino and Illustrator.

Taubman College – Dean Monica Ponce de Leon – Ann Arbor, MI

Deanship Archive Design and Documentation

September 2015 – April 2016

Selected by Dean Monica Ponce de Leon to work on the design of her final deanship documentation for the Bentley Library at The University of Michigan. Produced a series of 10 consist books of text, images, and data for the library archive.

Quarra Stone, LLC – Madison, WI

Intern Stone Designer

May 2015 – August 2016

Hired from a group of applicants for the Quarra Matter Fellowship. Produced digital models of designs for client specified designs. Organized and led teams for potential client projects from initial contact to final fabricated mock-up. Produced fabrication specifications for all of my designed elements. Completed models for digitally fabricating architectural stone elements. Attended and participated in client meetings for future and current projects within the company. Communicated with architects regarding desired design outcomes and translated them into production methods for fabrication of stone elements. Designed and produced copy for client presentations and associated representations of designed stone elements.

Steven M. Yang Architect LLC – Brooklyn, NY

Week of Architecture Externship

2015

Collaborated with another intern architect on a competition submission for the firm. Developed the model in Rhino, met daily with collaborating intern architect, produced drawings as required for the submission. In addition to the competition project, I visited a site with the architect for a project they were currently working on in Brooklyn, reviewed current construction documents for a project with the architect, and city submission documentation.

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Experience

Gandy Home Builders – Mooresville, NC

Contracted Architectural Review and Specifications

January 2013 – March 2016

Worked with a custom home builder to develop material specifications for single-family homes. Researched the requirements for the neighborhoods Architectural Review Committees according to the built location and produced required documentation for approval.

UNM SA+P – FabLab –Albuquerque, NM

Fabrication Lab Assistant

August 2012 – May 2014

Worked in conjunction with the FabLab director and their fabrication courses to train students on proper tool use, assist students with production of their design projects using both digital and analog production tools, and provided critiques with design development for students. In addition to student assistance with projects, I was responsible for fabricating a variety of furniture and built improvements in the school of architecture ranging from cabinets to wall partitions both interior and exterior.

Verizon Fios – NYC, NY

Contractor – Architectural Assessment and Implementation Plans

March 2008 – January 2009

Assessed existing buildings in the 5-boroughs and produced “as-built” updated 3D models and plans in order to create an implementation plan presentation for clients regarding installation of Verizon Fios. I produced 3D models with 3D visualizations for client presentations in order to communicate the expectations of the installation and provided detailed plans to the contractor installation teams.

Academic
Experience

Duke University TIP program – Davidson, NC

Architecture Teaching Assistant

Summer 2013

Developed daily projects, collaborated with other instructor to design the overall course structure and final project expectations, developed lectures and held lectures, collaborated with the other instructor to design course site visits and led discussions on site.

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Academic Experience

National Architectural Accreditation Board

Visiting Accreditation Team Member

Fall 2013

Selected as a visiting team member for Louisiana State University's architectural accreditation. Reviewed all course syllabus, requirements, and student work for proof of meeting NAAB requirements.

University of New Mexico

Fabrication Lab Assistant

Fall 2013

This position included a collaboration with the fab lab director and their fabrication courses taught each semester. Taught students proper use of analog and digital tools at the start of the course, assisted with student production and testing of project ideas in the lab, attended critiques throughout the semester and gave student feedback.

Other Experience

Taubman College of Architecture and Planning – Ann Arbor, MI

Accreditation Assistant to the Chair

June 2016 – September 2016

Initiated and organized all NAAB required information for the development of the Architecture Program Report (APR). Led and organized meetings with associated faculty members, and staff, regarding accreditation. Wrote and produced the outlining APR for the Architecture Chair.

Taubman College of Architecture and Planning – Ann Arbor, MI

Social Media Assistant

October 2014 – January 2016

As social media assistant I supported the growth of the school's social media presence and reach of social media campaigns established by the marketing and public relations department. I led the redevelopment of the Taubman Tumblr and created a new campaign supporting student work in the Studio Experience series, this series led to a growth of nearly double the amount of followers in the first five months. I coordinated with PR for writing copy for social media releases on Facebook, Instagram, and Twitter and collected data for success rate to establish a new set of best practices.

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Other Experience

CD Realty / Realty Place / Gandy Homes – Charlotte, NC

Real Estate Broker

June 2005 – August 2008

As a broker initially working for a custom home builder, I was responsible for my own new home neighborhood sales and pre-build designs of single-family homes in Rock Hill and Charlotte. In this position I worked directly with the construction management, construction teams, and builders to produce spec-homes and client custom homes. The process of spec-building required material selections on the exterior and specifications, interior selections and specifications, interior and exterior appliances, and upgrades.

Publications + Presentations

"The Morphogenesis of Resiliency"

2014

Webb, A., **Gandy, K.**, Rivera, J.

Poster Presentation of research and design at the EDRA Conference in New Orleans.

"Bogota: Housing, Rapid Urbanization, and Public Space"

2014

Colon, J., **Gandy, K.**

Paper presentation at the 34th Annual University of Manitoba Action Atmospheres Symposium.

"Shaping Your Educational Path"

2013

Gandy, K.

Lecture at the Design Deviance Symposium, University of New Mexico.

"Rapid Population Growth: A Prefabricated Solution"

2012

Gandy, K.

Poster presentation of architectural design and paper at the UG Research and Creativity Conference, University of New Mexico.

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Workshops
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Development

"Robotic Rod Bending" Taubman College –Ann Arbor, MI

Workshop

2016

Workshop led by Wes McGee and Anders Aagaard on producing bent steel rod using grasshopper fed curvature analysis and direct production using the Kuka Robot. Participants produced a made steel object.

"Practice Sessions No.1 MOS Architects" – Taubman College

Workshop and Design Charette

2015

A practice session is different than the real thing, the big game, the final performance. All the pressures and impingements of the real thing are present—its rules, constraints, and mandate to perform—but it's also just practice. This session with MOS Architects took place over 4 days, and production and design took place over and intense 2 days, followed by a presentation to a Juried Panel.

More Information: <https://taubmancollege.umich.edu/research/practice-sessions/no-1>

"Robotic Gravity" Taubman College –Ann Arbor, MI

Workshop

2015

Workshop led by Daniel Piker, Brandon Clifford, and Wes McGee on producing bent steel rod using grasshopper fed curvature analysis and direct production using the Kuka Robot.

More Information: <https://taubmancollege.umich.edu/events/2015/02/21/robotic-gravity-workshop-brandon-clifford-and-daniel-piker>

"Stoll Knitting" Taubman College –Ann Arbor, MI

Workshop

2015

Workshop led by Sean Ahlquist and Liz Bartlett over the course of 3-weeks on the skill of machine knitting and Stoll CNC knitting.

More Information: <https://taubmancollege.umich.edu/events/2015/08/14/workshop-knitting>

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Program Proficiency

Rhino 3D

Greatest knowledge, high level performance

Grasshopper

Extensive knowledge in support of model development through Rhino

Adobe

InDesign, Illustrator, Photoshop, Premier Pro, Lightbox, After Effects

Autodesk

AutoCad, Revit, Meshmixer, Mudbox, Meshlab, Tsplines, 123DCatch, Maya, 3ds Max

Google Sketchup

MasterCam

Zund Cut Center Print&Cut software

Microsoft Office

Word, Excel, PowerPoint, Outlook

Digital + Analog Tool Proficiency

Kuka Robot

Onsrud 3-axis CNC Mill

TorchMate Plasma Cutter CNC Mill

Millermatic Auto-SetMig Welder

Hand Printing Lithography

Presses

Hand Printing Etching and

Exposure Tools

Thermal Dynamics Plasma Torch

Diamond Tipped Metal Chop

Saws

Metal Angle Grinders

Metal Break

Laser Cutters

AXYZ CNC Router

SawStop Table Saw

Powermatic Helical CutterHead

Planer

Powermatic Joiner

Powermatic Variable Speed Drill

Press

Bandsaws

Sliding Compound Miter Saw

Panel Saw

Multi Router

Mortiser

Disk and Belt Sanders

Assorted handheld Power Tools

Vacuum Former Table

Zund Knife Cutter

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Leadership
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Organizations

American Institute of Architecture Students –Albuquerque, NM

Chapter President

May 2012- May 2013

As Chapter President I led the student organization to the highest fundraising campaign historically. I organized and held a funded symposium, invited and funded outside lecturers and workshop participants, created a three day variable schedule, and led the committees to meet deadlines. In my normal role as president I presented to the Dean at least monthly, met with the chairs, presented to student funding committees to obtain the highest rewarded budget, scheduled architecture tours, organized architectural mentor programs, created and oversaw 10 committees, and presented to open house students and orientations of over 200 attendees.

United States Green Building Council –Albuquerque, NM

Chapter President

May 2013- May 2014

As Chapter President I supported a USGBC NM professional led initiative to petition the NM State Board of Finance in order to maintain LEED requirements for higher education buildings in New Mexico. I organized student to student mentorships with a local alternative high school to extend architectural design opportunities to juniors and seniors in high school.

Tau Sigma Delta Honors Society in Architecture and Allied Arts – NM

Chapter President

May 2013- May 2014

As Chapter President I organized the annual awards ceremony event at a local venue, rented space, catering, designed and produced the schedule of events, located and organized a local lecturer who was an awarded business management leader and director of the school of business, spoke and led the organized event, and presented awards alongside the Dean of Architecture and Planning.

The Associated General Contractors of America –Abq, NM

Chapter Member

May 2013- May 2014

Selected as one of 2 architecture students who participated in the AGC Reno Design Build Competition as the representing designer and architect for the team. The structure of this competition took place over 3 days, but the project design and submittal had to be completed in only one day.

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Leadership

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Organizations

American Institute of Architecture Students –Bethlehem, PA

Chapter Vice- President

May 2008 May 2009

As Chapter Vice-President I assisted in organizing events under the Chapter President, worked with faculty to raise funds for a student trip, and held welcome events for new students.