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Olivia Bufalini Senior Interior Design Exhibit 2018

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My Design Philosophy:

My philosophy in Interior Design is inspired by my experiences in travel and my hard-working nature. Nothing worthwhile in life can be achieved without persistence, hardwork, love, and passion. Opportunities to travel abroad in Japan and Europe have encouraged my wonder and awe in different cultures and their designs, influencing the way I look at space and form.

I also believe that for an interior designer to be successful, a designer must understand and form a bond of trust between themselves and their clients in order to create a functional, beautiful, and unique space that interprets their wishes and ideas into reality.

-Olivia Bufalini
Introduction:

My name is Olivia Bufalini, I have loved interior design since I was young. Growing up with a father who was an Architect, and a mother who was an interior designer, inspired and encouraged my love for the industry. I fell quickly in love with residential design, specifically. Being able to create a home that represents the heart of a client, is something that I have always desired. I have been an active participant in the on campus organizations of ASID (American Society of Interior Designers) and IIDA (International Interior Design Association), acting as VP of IIDA, and President of ASID during my time at SFA. I also pursed a construction management certification, along with my interior design degree, helping me to understand how a building works from the foundation, up.

I am also very interested in Universal Design and Sustainable Design. Design can greatly impact the community, people, and the earth. I hope to encourage that impact and eventually make a positive effect on the world, no matter how big or small… even if its just one family, or community.
RESIDENTIAL DESIGN
treehouse
Treehouse Model and Bubble Diagrams

HAND DRAFTING, PROCESS WORK, SCALE MODELING, AND SKETCH UP COMPUTER RENDERING

DESIGN TYPE: Residential
CLIENT: Shirakin Family
LOCATION: Tennessee

DESIGN PROBLEM: Research an architect and design a guest treehouse cabin in the chosen architect’s style, for the client’s newlywed children, with a maximum of 600 sq. ft.

SOLUTION:
The assigned architect, Renzo Piano, is known for his use of light and glass. The treehouse is designed to have a large amount of natural light which was accomplished by adding large windows and skylights. The guest cabin has a spacious multilevel back patio for entertaining and enjoying the outdoors.

YEAR: Fall 2013
The clients desired an outdoor experience which was optimized through a multilevel patio treehouse and large windows to utilize nature views and natural sunlight.
A challenge of the project was to figure out how the structure of the treehouse was to supported by the Tree.
French Kitchen Final Floorplan and Rendering

AUTOCAD ARCHITECTURE AND SKETCH UP COMPUTER RENDERING

DESIGN TYPE: Residential, French Influence
DESIGN PROBLEM: To remodel an existing galley kitchen and create an easily maneuverable design that meets the anthropometric needs of the client.

SOLUTION: The kitchen was redesigned using the traditional work triangle to connect the sink, range, and refrigerator. ADA features were utilized and unique French inspired touches, including a metal stove hood and iron lantern pendants were used to accent the kitchen's warmth. Features include divided drawers for easy organization and a pullout cutting board for extra workspace, which caters to the client's desires.

YEAR: Fall 2014
The 6-range oven and the pull out cutting board were utilized to maximize space for the client’s cooking needs.
Swedish Residence Site Plan and Inspiration

CONSTRUCTION DRAWINGS, REVIT, SKETCHUP RENDERING, CONSTRUCTION STUDY

DESIGN TYPE: Residential
CLIENT: Nordstrom Family

DESIGN PROBLEM: Design a home for the Nordstrom’s family of four living in Sweden, with a maximum of 1100 sq. ft. Required to utilize codes and space allocations required by another country.

SOLUTION: With a harsh, dry climate, the house needed good insulation and materials to withstand a harsh climate. Thicker wall studs were chosen to allow for more resistance to the climate with a lower energy consumption. The client desired a home that would take advantage of the outdoors when the weather permitted, so a balcony and green rooftop deck were added. The corner window and glass enclosure on the roof allows natural light to penetrate the home.

YEAR: Summer 2016
Swedish Residence Foundation Plan and Sections

Foundation Plan

Girder Beam with 3 2x12

All Joists, 12" O.C.

Foundation Call-outs

Exterior Wall Section

CONCRETE FOR BEAM

SILL JOIST

CONCRETE POUR BEAM

SILL BEAM FOUNDATION

GIRDER - 2X12 PLANKS

CONCRETE POUR BEAM

SILL BEAM FOUNDATION

HARDWOOD FINISHED FLOORING

SUBFLOORING

SHIRRING

FLASHING

MOISTURE GUARD

COLOR SEAMED PVC TAR MENGS
The communication with the client was done mostly through Skype interviews. We spoke with the client several times about the floor plans, codes, and the client's style type. She came to the US once at the end of the semester to review the various proposals and give final input. She selected this plan proposal.
Large open doors allow for easy outdoor entertaining during the few warm months of the year. The client strongly expressed her love for the outdoors, so the floorplan was designed around this idea. Windows were used to allow for natural light, and a large balcony allows for yet more outdoor entertaining and enjoyment.
Swedish Residence
Roofing and Insulation

Insulation Locations

Insulation use and Locations in the Design
Spray foam is cost effective by lowering energy bills by reducing air leaks and improving the home’s energy efficiency. It improves the indoor environment for more comfort during severe weather. Spray foam is also acoustically efficient and can reduce the amount of pollen and dust in the air.

The floorplans above show the insulation locations within the home in Green.

Roofing Inspiration

Green Roof Model

Green Roof Advantages
Green Roofs provide water proofing, water retention, and thermal insulation. They can allow for an improvement of the climatic environment through the absorption of sun in the green. They increase energy efficiency and allow for a natural aesthetic. The client desired a maximum use of entertaining space, so to add the square footage, we added the rooftop deck family gatherings.
COMMERCIAL DESIGN
DESIGN TYPE: Commercial

CLIENT: Next Co-working Company

DESIGN PROBLEM: NEXT is a co-working company that provides work and conference spaces to freelancers and entrepreneurs who rent the space. The design should provide flexibility and encourage a communal atmosphere.

SOLUTION:
Comfortable sofas, flexible workspaces, and technologically friendly furniture offers a design to suit the work and life styles of the “Nexters.” Puzzles inspired the design; they encourage collaboration, individual work, and critical thinking. The concept is expressed literally in motifs throughout the interiors. Color psychology guided color selections to spark creativity, reduce fatigue, and soothe stress.

PRESENTATION METHOD:
8 Poster Boards- 20” x 30”

YEAR: Spring 2016
Next Competition Reception Rendering and Furniture

Left: Custom Reception Desk with Glass, Faux Stone, Wood, and Metal
Right: Custom Glass Light Fixture
Next Competition Workcafé Rendering, furniture and lighting
Next Competition Second Level Floorplan

The Second Floor of this building was for Next’s exclusive use. The Exterior area is represented by the wooden flooring, while the colored carpet separates spaces throughout. This floor includes restrooms, an elevator, private spaces, executive offices, an open office space, video conference, and various project rooms.
Next Competition Open Office Rendering and Second Floor Furniture Selections
market research group
**DEVIT, SKETCHUP RENDERING, PROCESS WORK, SPACE PLANNING**

**DESIGN TYPE:** Commercial  
**CLIENT:** Market Research Group

**DESIGN PROBLEM:** Design and space plan a new office for a growing marketing company according to a program written by a consultant.

**SOLUTION:**  
Comfort and productivity for employees and visitors was paramount. Visitors are generally limited to the reception area, group survey rooms, conference room, and the three private offices. Many revisions and schematics were drawn to finalize a final floorplan to properly zone the private and public spaces.

**PRESENTATION METHOD:**  
Bound 11 x 17 booklet

**YEAR:** Spring 2015

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**Criteria Matrix**  

<table>
<thead>
<tr>
<th>Spaces</th>
<th>Sq. Ft Requirements</th>
<th>Adjacencies (Bold is high priority)</th>
<th>Public Access</th>
<th>Daylight View</th>
<th>Privacy</th>
<th>Special Equipment</th>
<th>Special Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reception/ Waiting</td>
<td>505</td>
<td>2.3, 5.11, 11.9</td>
<td>H</td>
<td>Y</td>
<td>L</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Group Survey</td>
<td>200 + 234 + 514</td>
<td>1.3, 4.5, 6.9</td>
<td>M</td>
<td>H</td>
<td>Y</td>
<td>M</td>
<td>A/V</td>
</tr>
<tr>
<td>Conference</td>
<td>204</td>
<td>1.3, 5.7, 7.8.9</td>
<td>M</td>
<td>Y</td>
<td>H</td>
<td>N</td>
<td>A/V</td>
</tr>
<tr>
<td>President's Office</td>
<td>240</td>
<td>1.3, 8.11</td>
<td>L</td>
<td>M</td>
<td>I</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Private Offices</td>
<td>836</td>
<td>1.3, 4.5, 6.7, 11.9</td>
<td>M</td>
<td>Y</td>
<td>H</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Account Executives</td>
<td>224</td>
<td>8.9.11</td>
<td>L</td>
<td>M</td>
<td>I</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>Administrative Assistants</td>
<td>420</td>
<td>4.5, 6.9.11</td>
<td>L</td>
<td>I</td>
<td>M</td>
<td>N</td>
<td></td>
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<tr>
<td>Workroom</td>
<td>270</td>
<td>2.3, 4.5, 6.9</td>
<td>L</td>
<td>Y</td>
<td>N</td>
<td>L</td>
<td>Copier/Fax</td>
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<tr>
<td>Beverage</td>
<td>72</td>
<td>1.3, 4.5, 6.7.10</td>
<td>M</td>
<td>N</td>
<td>L</td>
<td>Y</td>
<td>Sink, Refrigerator, Microwave, Dishwasher, Coffee, Snake/Dorm</td>
</tr>
<tr>
<td>Lunch Break Room</td>
<td>264</td>
<td>9</td>
<td>L</td>
<td>Y</td>
<td>H</td>
<td>N</td>
<td></td>
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<tr>
<td>Restrooms</td>
<td>256.5</td>
<td>1.3, 4.5, 6.7.8</td>
<td>M</td>
<td>N</td>
<td>H</td>
<td>Y</td>
<td>Sink, Toilet, Urinal</td>
</tr>
</tbody>
</table>

*Note: The diagonal measurement across the building is 99', based on the equation of L1/L2, exit doors should be no closer than 49.5' apart.*
The design of the space was to utilize the views in the office space and allow for an easy common path of travel, the ways of travel are shown in red and the window views are shown as arrows.
The offices were designed for separation of private and public spaces for acoustical zoning. Also when designing, each room was designed with ADA (Americans with Disabilities Act) and TAS (Texas Accessibility Standards) requirements, as well as keeping to building codes.
The final layout gives visitors easy access to the group survey rooms and conference rooms, with access to the president and vice presidents of the company. The aesthetic is clean, modern, and comfortable with metal, ergonomic, and sleek furniture, for the comfort of visitors and employees alike.
B&O boutique lighting model
B & O Boutique Lighting Plans

REVIT, LIGHTING DESIGN, SCALE MODEL

DESIGN TYPE: Commercial
CLIENT: B & O Boutique

DESIGN PROBLEM: Design the layout and lighting design for the B & O Boutique. Then create a lighting model to study the spread of light. There should be 3 filters of lighting layers: task, general, and accent.

SOLUTION:
The lighting layout was designed to accent the merchandise of the Boutique. Then utilizing directional eye-ball recessed cans, sconces, 2x2 LED luminaires, and pendants we were able to offer a luxurious feel to the boutique. The design included a reception area, fitting room, storage room, and multiple merchandise displays.

PRESENTATION METHOD:
Lighting Study Model

YEAR: Spring 2015
B & O Boutique Switching
Plan and Model Images

- E-Pendant
- D-8" Downlight
- B-6" Downlight
- OS-Occupancy Sensor
- T-Thermostat
- Dim-Dimmer

- A-2 x 2 LED
- C-Directional 6" Downlight
- H-Round Drum Pendant
- K-Exit Light
- O-Telephone Line
- M-Sconce
REVIT, REVIT RENDERING, LIGHTING DESIGN, IES LIGHTING COMPETITION

DESIGN TYPE: Commercial
CLIENT: Mizu Boutique

DESIGN PROBLEM: Design the lighting for an existing boutique utilizing their layout and floorplan

SOLUTION: Mizu, meaning water, is the store’s inspiration—transparency, illusion of movement, and tranquility, while also alluding to the 3 states of water. The use of the ICE Chandelier, the projector wall, and the water feature all suggest the feeling of water.

Merchandise is accented in three ways. Mannequins are highlighted by multi-directional NanoLED fixtures. LED tape lighting will accent jewelry and fragrance displays in the glass cases. The task and accent lighting guides the shoppers through a path to the finest merchandise. Photosensors will promote daylight harvesting, control glare, and limit ultraviolet damage to the boutique’s merchandise.

PRESENTATION METHOD:
40” x 32” Poster Board

YEAR: Spring 2015
Mizu Boutique Light Fixtures and Entrance Rendering

Right: Fitting Room Mirror Backlight Inspiration

Recessed ceiling downlights highlight horizontally displayed merchandise, but are fully adjustable for future renovation or display changes.
Mizu Boutique Light Fixtures and Entrance Rendering

Detail 4: Dropped Ceiling

Detail 2: Fitting Room Mirror Backlighting

Elevation 1: Water Projection Wall

Detail 4: Dropped Ceiling
Mizu Boutique Lighting Control Plan and Detail

Detail 3: Water Feature
ADDITIONAL WORK
internship
Ham Residence

SPACE PLANNING, SELECTION OF FABRIC, FINISH, AND FURNITURE, INSTALLATION, ACCESSORIZING, CLIENT INTERACTION

DESIGN TYPE: Residential
   Modern Style

DESIGN PROBLEM: Design a builder show case home on the Lake in Conroe, utilizing various vendors from Houston and the Conroe Area. Select finishes, furniture, and accessories to install by a deadline for a charity showcase.

The client worked closely with our team to select finishes and furniture she would enjoy in her forever home. A neutral palette, gold accents, and modern lines all offer a cohesive and beautiful design customized for the client and her personality.

YEAR: Summer 2017
Webber Staircase

TILE SELECTION, TILE DESIGN, STAIRCASE DESIGN, CLIENT INTERACTION, MICROSOFT POWERPOINT

DESIGN TYPE: Residential
Spanish Colonial

DESIGN PROBLEM: Design a detail for the riser of the primary staircase. Also, come up with a decoration for the windows on the staircase wall.

SOLUTION:
We designed the riser detail using hand painted Mexican tiles alternating with solids and set into travertine stone. Each sill was designed uniquely, but with continuity to the staircase.

PRESENTATION METHOD:
PowerPoint presentation to client

YEAR: Summer 2017
photography
WHERE: NEW YORK, NEW YORK
YEAR: Summer of 2015

I was able to visit New York during a summer interior design class. We took tours of various buildings and met many industry professionals over the course of 2 ½ weeks. It was a very enjoyable and educational experience, with many gorgeous sites that inspired me and my design philosophy.
WHERE: NORMANDY, FRANCE
YEAR: Summer of 2016

During the summer of 2016, I was blessed to go on a joint 3 week study abroad trip with the interior design program, horticulture program, and culinary program of Stephen F. Austin to France.

We travelled through Paris to Normandy and Champagne visiting palaces, gardens, beautiful restaurants, and museums. The trip encouraged us to soak in the various architectural and culinary delights of France.
WHERE: PARIS, FRANCE
YEAR: Summer of 2016
WHERE: KYOTO & HIROSHIMA, JAPAN
YEAR: Fall 2016

I was extremely fortunate to study abroad in Tokyo, Japan for the Fall semester of 2016 through the end of February. I have always been drawn to Japan and interested in its design, culture, and unique history.

I studied classes for my business minor at Rikkyo University, a private university 10 minutes from central Tokyo.

As the school holidays and breaks differ in Japan from the US, I was able to travel to many cities and regions of the Country: Hokkaido, Nikko, Enoshima, Kyoto, Hiroshima, Miyajima Island, and other small areas in and surrounding the Capital of Tokyo. I visited Buddhist and Shinto Temples, Museums, memorials and cultural hotspots within each city.

While traveling I met many new friends, took thousands of pictures, and tried to absorb the liveliness of Japan. These photos represent a few wonderful memories of my travels throughout Japan.
WHERE: MIYAJIMA AND OSAKA, JAPAN

YEAR: Fall 2016