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Fall 2024

Fall 2024 2023

Spring 2024

Spring 2024

Spring 2024 Sp 2024, 2023

Fall 2022

2020 - 2025

EDUCATION

OKLAHOMA STATE UNIVERSITY - STILLWATER, OK

BACHELOR OF ARCHITECTURE, ARCHITECTURE AND ENTREPRENEURSHIP MINOR Graduation May 2025

FRANCIS TUTTLE TECHNOLOGY CENTER - EDMOND, OK

ENGINEERING ACADEMY GRADUATE

Completion May 2020

Throughout the three year program, the academy explores the various disciplines of STEM including rigorous math and science courses coupled with project-based engineering curriculum.

ORGANIZATION PARTICIPATION

- Architecture Students Teaching Elementary Kids (ASTEK)
- Architecture Study Abroad: Zeitgeist (Italy, France, Germany, Denmark)
 American Institute of Architecture Students (AIAS)
- 4th Year Class Representitive

 National Orginization of Minority Architecture Students (NOMAS)
 The Almighty She (TAS)
- 3rd Year Class Representitive
- Michael and Anne Greenwood School of Music Concert Choral

EXPERIENCE

Oklahoma State University SoA - STILLWATER, OK

DESIGN COMMUNICATION II: ADVANCED DIGITAL APPLICATIONS TA - Spring 2025 INTRODUCTION TO ARCHITECTURE TEACHING ASSISTANT - Fall 2024 BIOMIMICRY TEACHING ASSISTANT - Fall 2024 SPECIAL PROJECTS TEACHING ASSISTANT - Spring 2024

DESIGN STUDIO IV TEACHING ASSISTANT - Fall 2023

Narrate Design - TULSA, OK

STUDENT INTERN ARCHITECT

Summer 2024

- Engaged in programming and early design for Community and Non-Profit projects
- Observed collaboration and project meetings for Prototype, Commerical, and Retail projects
- Developed floorplans, massing models, site analysis, and cost matrix
- Attended OAC Meetings and site visits to various projects under construction
- Participated in multiple marketing and business development discussions, aligning with interests in the business of architecture

ADG Blatt - OKLAHOMA CITY, OK

STUDENT INTERN ARCHITECT

Summer 2023 - Spring 2024

- Collaborated within a multi-disciplinary team to support design and development phases
- Created models and architectural drawings from concept to construction documents
- Ensured precision through revision of drawings and documentation
- Prepared and delivered presentations showcasing project concepts and progress
- Managed effective communication with external consultants

FSB Architects + Engineers - OKLAHOMA CITY, OK ADMINISTRATIVE INTERN

Summer 2022 - Winter 2023

- Oversaw both physical and virtual office spaces, ensuring smooth operations
- Planned and managed corresponding advertising efforts
- Handled correspondence efficiently to maintain effective communication channels
- Conducted data entry and organized information systematically for streamlined operations

HONORS AND AWARDS

- RAISE Award, 1st Place Integration of Daylight and Electric Lighting
- Oklahoma State University Presidents' Honor Roll
- 2024 Alumni Book Award for Excellence in 4th Year Design Studio
 Oklahoma City Foundation for Architecture Scholarship Award
- Summer 2024 Architecture Study Abroad Scholarship Award
- Oklahoma State University Deans' Honor Roll
- 2022 W&W Steel Design Competition: Juror's Selectee
- Oklahoma State University School of Architecture Scholarship Award
- Cherokee Nation Undergraduate Scholarship Award
- Academic Acheivement Scholarship Award





INTERESTS

Spring 2025

Summer 2024

2021 - Present

2021 - Present

2023 - 2024







SKILLS

02 Knowledge



design development

04 Software

Research and Analysis Revit Graphic Design Rhinoceros Code Compliance SketchUp **Building Systems** AutoCad Adobe Photoshop 03 Personal Adobe Illustrator Adobe Indesign Leadership Active Listening Enscape Critical Thinking Lumion Microsoft Office **Problem Solving** Resilience Bluebeam

REFERENCES

SHANE AARON, AIA	Narrate Design - Partner saaron@narrate.design 918.728.6395
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ASSOC AIA, LEED AP

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TABLE OF CONTENTS

INTEGRATIVE ARTS CENTER 01	- 12	2
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TIMBER IN THE CITY 13 - 18

LIBRARY OF IMAGINATION 19 - 26

STUDY ABROAD: ZEITGIEST 27 - 32

INTEGRATIVE DESIGN STUDIO

FALL 2024

Schematic Design Collaboration: Hazel Nansubuga & Braeden Shaw

The Integrative Arts Center at Oklahoma State University is designed as a central hub for creative collaboration, uniting artistic disciplines throughout the university through a concept rooted in craft. The project explores the relationship between making and materiality, shaping both form and function to enhance user experience. Through careful integration of daylighting, detailing, and material selection, the center expresses the hands-on nature of artistic practice while driving a sense of community and engagement.





A. SCHEMATIC DESIGN

This project serves as an Integrative Arts Center that unites the diverse arts disciplines across Oklahoma State University's campus, creating a central hub that enhances collaboration and visibility. The facility will engage with the concept of "craft" in its design and function, while aligning with and reinforce OSU's Design Guidelines to ensure cohesion with the university's architectural and planning principles. The concept for the Integrative Arts Center at Oklahoma State University draws its essence from the multifaceted nature of craft, exploring it through three primary lenses: nostalgia, the index of labor, and complexity. These ideas guide not only the form but also the functionality of the building, creating a seamless architectural narrative that mirrors the stages of art-making learning, making, and celebrating.



Programming Narrative

Materiality Flow

05 / Integrative Arts Center



B. DESIGN DEVELOPMENT

The Manual Fabrication Studio, a first-floor southwest Maker Space, was selected as the focus space for the Design Development phase. The design process prioritized enhancing occupant comfort and experience while optimizing building performance. Spatial relationships were refined to improve functionality and flow, material selections prioritized durability and functionality, and compliance with building code was carefully considered to secure a safe and inclusive environment. The process involved in-depth studies and simulations on building envelope performance, daylighting design, electric lighting, and carbon footprint, integrating with structural mechanical, and electrical systems. These studies and refinements informed the overall architectural vocabulary in the maker space and extend beyond to facilitate a cohesive design.



OKLAHOMA STATE UNIVERSITY INTEGRATIVE ARTS CENTER 801 W UNIVERSITY AVENUE STILLWATER, OK, 74074

PROJECT CONTACTS

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SHEET LIST

M.E.P.

A001 TITLE SHEET A101 LEVEL 1 FLOOR PLAN A201 EXTERIOR ELEVATIONS A301 BUILDING SECTIONS A351 WALL SECTION A401 DETAIL - WALL SECTION

APPLICABLE CODES AND STANDARDS • 2010 ADA Standards for Accessible Design • OSU Design Guidelines • City of Stillwater Adopted Standards (Revised September 17, 2024) 2016 International Building Code (IBC) Amended 2018 International Fire Code (IFC) Amended

2018 International Plumbing Code (IPC) Amended 2018 International Mechanical Code (IMC) Amended 2018 International Fuel Gas Code (IFCC) Amended 2020 National Electrical Code (NEC) Amended • Zoning: T6 – Transect 6, 75' Overlay

A402 DETAIL - PLAN

A701 FOCUS SPACE









Maker Space West Facing Interior Render



Maker Space East Facing Interior Render

Focus Space Developement - Maker Space

Maker Space Materials:

Plywood serves as both a practical and expressive material. Aligning with the maker space's role as a Manual Fabrication Studio for wood working, several custom elements including a drop-down ceiling, pinup surface, shelving, and overhead storage demonstrate the material's versatility.

Brick is a tactile and durable surface that reinforces the hands-on craftsmanship of wood working, tying back to the concept of craft as an index of labor.

CMU Breeze Block screen system acts as a functional and aesthetic element, filtering the harsh southwestern sunlight while maintaining visual connectivity to the southern plaza.

Finished Concrete Flooring reinforces the space's industrial character while offering durability and flexibility, accommodating the space's dynamic needs without compromising aesthetics.

2024 RAISE AWARD FOR 1ST PLACE: BEST INTEGRATION OF DAYLIGHTING & EFFICIENT ELECTRIC LIGHTING DESIGN

Integrating direct and indirect daylight from at least three orientations enhances lighting efficiency by optimizing natural illumination, reducing reliance on electric lighting, and minimizing lighting energy use intensity (EUI). This approach balances daylight distribution, extends natural light availability, improves thermal comfort by reducing heat gain, and lowers energy consumption.

"Good design is to minimize light energy consumption by means of efficient daylighting and energy efficient electric lighting systems. Successful daylighting design should minimize the time in which electric lighting is needed. Efficient electric lighting design should minimize energy consumption when electric lights are on. The lower the lighting EUI, the more efficient the building is. The winning team achieved an EUI of 1.67 kBtu/sf.yr." **09** / Integrative Arts Center

C. CONSTRUCTION DOCUMENTATION

Construction Documentation focused on the constructibility of the west wall, developed in the previous phase. The infill angled brick wall was designed to express its inherent structure and communicate the concept of "craft as an index of labor". Two design challenges addressed included the transition from the exterior brick to the interior thin brick system (seen in floor plan) and thermal bridging at the exposed concrete edge (seen in wall section).



1 WALL SECTION 3/4" = 1'-0"

Brook Lyn Jones / 10



2 DETAIL EXPLODED AXONOMETRIC





EXPERIEMENTAL DESIGN STUDIO TIMBER IN THE CITY SPRING 2024

In Collaboration with Kasey Fuquay and Ryan Thompson

Timber Heights reimagines affordable housing through a lens of sustainability, material innovation, and community engagement. By integrating mass timber construction with the existing urban fabric, the project reduces its carbon footprint while promoting environmental, social, and cultural resilience. A modular design approach enhances construction efficiency, minimizes material waste, and allows for greater flexibility in unit configurations, ensuring adaptability to diverse housing needs. The design creates a balance between privacy and connectivity, creating spaces that support individuality while encouraging community interaction.











final

15 / Timber in the City

Affordable Housing



Modular Unit Legend





2 Bed (9) 1330 SF



1 Bed (14) 665 SF



Micro Unit (16) 455 SF Typical Residential Floor Plan, Floors 8-9







Typical Residential Floor Plan, Floors 5-7 Axonometric

Typical Residential Floor Plan, Floors 5-7





Gallery and Community Space Axonometric



Gallery and Community Space



17 / Timber in the City

Affordable Housing



Section Perspective

Breezeway

PORTFOLIO In Art & Architecture

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INTERNATIONAL DESIGN STUDIO

FALL 2023

In Collaboration with Abigail Richardson

The Library of Imagination serves as a living archive of skills, craftsmanship, and cultural heritage. Rooted in the historic Jewish Ghetto of Rome, the project creates a space where knowledge is preserved and passed down through hands-on learning. The project acknowledges the community's deep desire to preserve and pass on these practices, serving as a bridge between generations. Rather than a museum of static artifacts, the library curates objects of craft as active learning tools, fostering a continued connection to the past while nurturing a shared future, ensuring the living traditions of the Jewish people in Rome are carried forward.





trim











Research



Brook Lyn Jones / 22

Following Italian Unification, the Jewish community was demolished out of shame for how the Jewish were treated. The quarter was rebuilt in the 1900s and comprised of 4 blocks.

While many of the new buildings are unoocupied directly by the Jewish Community, few have remained in Jewish Families for centuries and act as a destination for those who moved out to travel back to their roots.

Throughout the 1800s, the Jews of Rome were subject to a push and pull of their rights and citizenship. Following Nazi occupation of Rome, 2,000 of 13,000 Jews were sent to concentration camps.

Only a fraction returned

In commemoration, the names of those taken during the Holocaust can be found on brass plates placed within the stone streets of the ghetto.

The synagogue was the only place Jews could feel respected and dignified during this time of oppression. The Creat Synagogue of Rome, early 1900s, replaced the five scolas of the former Jewish Chetto after their destruction following the unification of Italy.

Library of Imagination

Object Library

Elder Circle

Entrance

Teaching Kitchen

PORTFOLIO In Art & Architecture

Section Assembly Key:

1. Terracotta Radiant Heat Floor Asembly

- Terracotta Tile
- Adhesive
- Concrete Slab
- Composite Pipe
- Metal Decking
- Joists

- 2. Perforatted Metal Soffit Panel

 - Suspension Assembly Typical Terracotta Floor Assembly - Hanger Wires
- - Main Runners and Cross Tees
 Perforated Metal Soffit Panels
- 3. Green Roof Assembly
 - Vegetation Growing Media

 - Drainage Panel and Filter Fabric
 - Insulation
 - Root Barrier
 - Roofing MembraneTypical Roofing Structure

4. Italian Holllow Clay Acoustic Wall Assembly with Ceramic Tile Finish

- Ceramic Clay Tile Sweep
- Setting Bed Bond Coat
- Gypsum Plaster
- STC
- Italian Hollow Clay Masonry

INTERNATIONAL TRAVEL STUDY STUDY ABROAD: ZEITGEIST

SUMMER 2024

Europe - Italy, France, Germany, and Copenhagen

Traveling through Europe provided an incredible opportunity to experience architecture, culture, and history. Sketching allowed for a slower, more intentional observation of the surroundings like studying the way light interacts with surfaces, how people move throughout spaces, and how history is embedded in the built environment. Each sketch became a means of documenting not just what was seen, but what was felt, capturing the essence of place. These sketches reflect a deepening understanding of how architecture shapes and responds to human experience. More than a visual record, this collection represents moments of deep observation, learning, and connection; Insights that will continue to shape my design process.

Hampung Jourhall ag we sketched, many people would stop to watch, ask questions, or take a few photog. In a way, sketching become a performance alt and I enjoyed the interactions. fater in the evening, as I was revigiting sketchez during dinner, our waitress recognized the Fronhall and beamed! It brought me such joy to see the impart sketching. can have. 06.04 - HAMBURG, GERMANY St. Nikolai HAMBURG, GERMANY Before World War II, St. Nikolai way one of the tallest churches in the world, a beacon of Hambwig's maritime legney + architectural marvel. The church way severely. damaged during the bombings, leaving only the spire behind. The spire is preserved of memorial and museum nool of the savagez regilience. 06.04.2024 as a sy

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LET'S CONNECT!