2021
SGH Concepts / Dri-Design Scholarship

Spring 2021
Arch 411 Architectural Design Studio: Integrate
University of Nebraska-Lincoln
College of Architecture
The mission for the Architecture program is to provide the educational foundation for articulate, intellectually aware, self-realizing architecture professionals capable of performing effectively in evolving design disciplines.
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Continuation of complex problems as it relates to the integration and consideration of environmental stewardship. Emphasizing technological considerations as formal and organizational influences including technical documentation, accessibility, site design, life safety, environmental systems, structural systems, and building envelope systems and assemblies.
4 Sponsors

6 Jury:
Anne Marie Duvall Decker, Blair Satterfield, and
Elizabeth Whittaker

10 Award of Excellence:
Morgan Davis and Logan Dolezal

18 Award of Honor:
Cole O’Connor and Sahr Qureishi

26 Award of Merit:
Sebastian Toalson and Ethan Weiche

34 Award of Merit:
Bailey Gocke, Dhanush Reddy, and Samantha Zeek

The College of Architecture at the University of Nebraska-Lincoln,
in partnership with SGH Concepts (A Division of SGH Redglaze
Holdings Inc.) and Dri-Design, has established a student scholarship
competition for the fourth-year, undergraduate, architectural design
studios. The scholarship recognizes student projects exemplifying
outstanding design investigation, resolution, and significance.
This opportunity brings together aspiring architects and industry
leaders to advance disciplinary knowledge of design, materiality,
and innovation.

Following the end-of-semester review, one project from each
studio is selected to compete for the SGH Concepts (A Division
of SGH Redglaze Holdings Inc.)/Dri-Design Scholarship. These
projects are presented to an external jury who are all established
practitioners in their fields. A finalist is chosen for producing and
communicating a comprehensive architectural project that is a result
of design decisions at different scales. To be successful, students
demonstrate a high degree of professional dedication, rigor,
open-mindedness, and resourcefulness. Projects are rigorously
developed and clearly communicate the breadth and depth of
investigation.

We thank our sponsors SGH Concepts (A Division of SGH Concepts
Redglaze Holdings Inc.), a leading distributor and installer of
customized building products, and Dri-Design, a producer of
advanced and sophisticated metal wall panel systems.

Spring 2021 - Architecture Design Studio Faculty

Craig Babe, AIA, NCARB, Associate Professor of Practice
- Architecture, University of Nebraska

David Newton, Assistant Professor - Architecture,
University of Nebraska

Ashley Byars, AIA TACK Architects.
Lecturer - Architecture

Ryan Hier, AIA TACK Architects. Lecturer - Architecture

Beau Johnson, Design Leader, Associate at DLR Group.
Lecturer - Architecture
SGH CONCEPTS
At the center of our craft is our passion for premium, innovative design. With over 70 years experience in designing and engineering building product solutions for some of the most challenging architectural feats in the market, our focus each day is to find the best way to give form to our clients’ vision.

Our team approaches every project with a reverence for making innovative design possible. We are passionate about solving challenges that—in the end—make buildings more beautiful. At SGH Concepts, it is our mission to provide smarter solutions to design opportunities and challenges, from concept to completion. So, whether you are an architect, a general contractor, or an owner, we provide a level of professionalism you demand and a sense of individuality you expect.

We would like to thank Troy Burkey of SGH Concepts for helping establish this program and his continued support of the college and students.
We would like to thank Jason Zeeff of Dri-Design for his continued support of the college and students.
Anne Marie Duvall Decker, FAIA, is a principal of Duvall Decker, an expanded design practice in Jackson, Mississippi, whose work includes architectural design, community planning, real estate development and facility maintenance. Duvall Decker is recognized for its design excellence and innovative approach to inner city planning and development.
BLAIR SATTERFIELD
University of British Columbia, HouMinn Practice, HiLo Lab

Blair Satterfield chairs the architecture program at UBC in Vancouver, Canada. He is co-founding principal with Marc Swackhamer of HouMinn Practice, and founding director of HiLo Lab. His work has received multiple Architect Magazine R+D Awards, ID Magazine and Core77 National Design Awards, and multiple AIA and SARA awards for architecture.

ELIZABETH WHITTAKER
AIA, MERGE Architects, Inc.

Elizabeth Whittaker is the founder and principal of MERGE Architects. She has lectured extensively in the US and abroad, and the work of MERGE has been widely published both nationally and internationally including Architectural Record’s 2014 Design Vanguard, as well as Architectural Record’s 2017 “Next Generation Leader” for the US.
Maker + Market

Morgan Davis and Logan Dolezal
Faculty Mentor: Ashley Byars and Ryan Hier

The intention of Maker + Market is to design a market hall in Benson, Omaha, Nebraska that facilitates the needs of makers, artisans, and vendors. This market hall aims to curate a creative and dynamic environment through the use of framework, materiality, and the exploration of authorship.

The building utilizes a grid of concrete, wood, and metal to define program and circulation throughout the building, providing a sense of organization within the dynamicism. Within the established grid, users of the building can alter their studio and market spaces using the infrastructure we put in place. The grid of the market hall is intended to act as the infrastructure for creative activities to occur, which will build a certain culture and atmosphere within the building.

Inside the market hall, all is on display. From the treatment of the facade, to the selection of interior materials, the building is intended to be viewed as a holistic performance. The intentional use of materiality and curation of views inside and outside of the building furthers this idea, creating unique perspectives of the activity within. Users of the building, from artists and makers to patrons seeking their goods see all aspects of the making and selling process. Inside and outside of the building, activities will be observed by users, crafting a dynamic experience centered around authorship.
Jury comments: Maker + Market did a convincing job of connecting conceptual ambition to occupation and detail. The idea of a flexible armature for democratic community making is admirable.
The intention of Maker+ Market is to design a market hall in Benson, Omaha, Nebraska, that creates a creative and dynamic environment through the use of diverse places. The building utilizes a grid of concrete, wood, and metal to define program and create a self-sustaining, dynamic environment.

Within the established grid, users of the building can alter their studio and market spaces as the infrastructure for creative activities to occur, which will attract more people.

Inside, the market hall itself is on display. From the treatment of the facade, to the selection of intentional use of materials, and creation of views inside and outside of the built environment, from artists and makers to patrons seeking their goods, all aspects of the market will be utilized, creating a dynamic experience.
MARKET

A place that facilitates the needs of makers, artisans, and vendors. This market hall aims to create a framework, materially, and the expression of authorship.

Floor throughout the building, providing a sense of organization within the organization, using the infrastructure we put in place. The grid of the market hall is intended to act as a visual culture and atmosphere within the building.

With interior materials, the building is intended to be viewed as a holistic performance. It enhances the idea, creating unique perspectives of the activity within. Some of the skiing and selling process, inside and outside of the building, activities will be observed from centered around authorship.

Program Diagram

Market Studio

Market studios are fully customizable by users.
Portal Jelly has found that the language of the Sheldon allows for the user to understand the hierarchical formal qualities of space through the relationship between the body and its questions and the architecture and its answers. The formality of the Sheldon presents an architecture that answers to itself, but where does that leave the body?

Placed amidst a college campus, the Sheldon sits on a pedestal, visually attainable, but contextually disparate. In order to contextualize the Sheldon, its language is understood, assessed, and remixed to present a space that allows for the users to implement their autonomy. The logics of the Sheldon and its remix are intersected to understand the relationship each has with the architecture and the body. The formality of the Sheldon answers itself, leaving the body to wander and question. The body uses questions as a reference of tangibility and the architecture answers by presenting merit of experience. When they overlap, a resolution of thought emerges. The addition flips this logic, presenting space that asks questions that are answered through the existence of the body in the space. Arriving to the same overlap, a resolution of thought, but one that surrenders the autonomy to the user and their episodic discovery.

Portal Jelly is an invitation to probe past a superficial understanding and to excavate an individualized path. While it may not be known what spaces await past the portal, the choice of disposition sends an invitation for the body to explore and the mind to wander.
**Jury comments:** Portal Jelly was the most conceptually ambitious project. The jury was impressed by the team’s interest in exploring amorphous form and the idea of continuous threshold.
PORTAL JELLY

Portal Jelly has found that the language of the Exhibition allows for an extensive exploration of space through the relationship between the body and its experience within the architecture and landscape. The creation of the Exhibition space is a complex process that involves careful consideration of the space and its relationship to the human body. The Encounter area is a pedestal, visually engaging, but conceptually deceptive. In order to understand the experience, it language is understood, assessed, and accessed through the Kent Field.

The idea of the Exhibition space is to create an immersive experience that reflects the relationship and interaction with the architecture and the body. The “Encounter” of the Exhibition space is the place for the body to encounter and question the body. The body’s questions are in reference to navigable spaces where architecture is active. The Experiencer, or the body, is engaged in a process of finding and experiencing the space that is designed to engage the body in a way that enhances the experience of the Kent Field and the Kent Field’s language.

Portal Jelly’s construction process involves working with the Kent Field and the Kent Field’s language to create an engaging and immersive experience. While it may not be known what spaces are active in the Kent Field, the design of the Exhibition space and the language of the Kent Field are intended to engage the body in a way that enhances the experience.
Canopy

Sebastian Toalson and Ethan Weiche
Faculty Mentor: Craig Babe

Canopy is a mixed-use project located in the historic Haymarket area of downtown Lincoln. The project is, first and foremost, a public space. This public space is on the northern half of the site, which remains largely untouched to best serve the people of Lincoln and their (potentially) idiosyncratic demands. Moreover, this prioritization of the public and its resulting spatial solution informed the southern half of the site as well; the ‘market hall’ is essentially a direct continuation of the same principles which dictated the public space and can be found on the ground floor of the enclosed southern portion, while gallery spaces, apartments, and rentable studios overlook the happenings to be found below. Finally, this ostensibly simple, yet thoughtfully arranged, project is also decidedly urbanist: because our exterior public space ‘faces’ the heavily trafficked downtown area and thereby encourages widespread use, Canopy engages with the city of Lincoln, its residents, and the dynamic, ever-changing relationship between the two.
Jury comments: Canopy presented a smart and generous site intervention. The team created an anchored public space for this urban edge condition.
Yankee Hill Branch Library

Bailey Gocke, Dhanush Reddy, and Samantha Zeek
Faculty Mentor: David Newton

Through the programmatic development of a cultural learning center, the Yankee Hill Branch Library will be a place where the community can go to gather and explore many worlds, both in books and through the environment around them. This branch library will provide opportunities for the community to learn through a hands-on approach, with programmatic spaces including a culinary learning kitchen, and access to a greenhouse and green roof. This branch will be inclusive to all, while providing separate areas for teens, adults, and children to allow for sound and bodily isolation. Through the implementation of biophilic design elements, this space will feel open and bright, providing a connection to natural elements and creating a reprieve from the daily influences of the city.
**Jury comments:** The interplay between interior/exterior, library/biophilia, and detail/effect, was a provocative response to the 21st century library. Yankee Hill Branch Library was beautifully represented and enthusiastically developed.
Yankee Hill Branch Library
8700 Yankee Hill Dr

Concept Statement

Through the programmatic development of a cultural learning center, the Yankee Hill Branch Library will be a place where the community can gather and explore many worlds, both in books and through the environment around them. This branch library will provide opportunities for the community to learn through a hands-on approach, with programmatic spaces including a culinary learning kitchen, and access to a greenhouse and green roof. This branch will be inclusive to all, while providing separate areas for teens, adults, and children to allow for sound and noisy isolation. Through the implementation of biophilic design elements, this space will feel open and bright, providing a connection to natural elements and creating a reprieve from the daily influences of the city.
SGH Concepts

Concept Series

Panel Lengths
- 6' to 30' standard
- Shorter/longer lengths available
- Zinc 20' horizontal, 10' vertical

Panel Depth
- 7/8"

Panel Width
- 12"

Troy Burkey from SGH Concepts presenting material and spatial properties.
(photo taken by Kerry McCullough-Vondrak)
Jason Zeeff from Dri-Design presenting logics of systematic assembly.

(photograph taken by Kerry McCullough-Vondrak)
Craig Babe, AIA, NCARB, Associate Professor of Practice - Architecture, University of Nebraska

* Ethan Weiche and Sebastian Toalson | Merit

Jeremiah Brown
Will Dostal
Andrew Eisert
Trey Erwin
Caroline Goertz
Wyatt Gosnell
Tanner Koepe
Scott Lafferty
Nicholas Olsen
Dominic Paquet

Christian Siagle
Sebastian Toalson
Han Wang
Ethan Weiche
Mitchell Znamenacek

Ashley Byars, AIA TACK Architects. Lecturer - Architecture

Ryan Hier, AIA TACK Architects. Lecturer - Architecture

* Morgan Davis and Logan Dolezal | Excellence

Gabby Argamosa
Mason Brown
Vy Cao
Morgan Davis
Logan Dolezal
Nick Gratton
Byron Ho
Mckenna Krueger
Brian Marousek
Mitch Neujahr

Jesus Perez-Cortez
Tiffany Schweer
Geneva Sinkula
Kelsey Timmer
Andrew Winter
Xipeng Wu
Olena Yarmolyuk

* Studio Finalist
David Newton, Assistant Professor - Architecture, University of Nebraska

* Bailey Gocke, Samantha Zeek, and Dhanush Reddy | Merit

  Ciara Allen           Jonathan Leones
  Karolayn Greys Chavez Looor Tanner Lloyd
  Dhanush Deva Reddy    Jiaqi Luo
  Chandra Reddy         Allie McAndrews
  Olivia Epstein        Elizabeth McIntosh
  Frannie Folsom        Angela Medina
  Bailey Gocke          Austin Riggins
  Tara Grebe            Samantha Zeek
  Nash Kelly
  Emily Kleinschmit

Beau Johnson, Design Leader, Associate at DLR Group. Lecturer - Architecture

* Cole O'Connor and Sahr Qureishi | Honor

  JoLynn Broweleit       Jose Tristan
  Ella Knight            Jacob Urban
  Trustin Korinek        Meagan Willoughby
  Calee Martin
  Golsa Motevalli
  Cole O'Connor
  Amanda Petr
  Sahr Qureishi
  Nicholas Rosenthal
  Michaela Smith
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